Project Acronym	Project DG	Project Internet Address						Key words	Application fi
3D-FORENSICS	REA (312307)	www.3D-Forensics.eu	Call 2012.7.2-1 CP Preparedness	Mobile high-resolution 3D-Scanner and 3D data analysis for forensic evidence; EUR 1,420,262: Percentage of solved crime is less than 70% in more than half of the EU countries in some it is less than 50%. A promising forensic approach is 3D-reconstruction of evidence with a mobile high resolution 3D-scanning system and automatic 3D-data analysis software will be developed for use at crime scenes (e.g. of foot prints or traces on bodies), convincing and meaningful in order to achieve judicial acceptance. It includes the development, realisation of 2 protos. 5 partners are SMEs. The users are potentially every crime scene investigation unit and/or forensic crime expert in the world.	Fev. 2011 / Jul. 2013	FhG IPK (DE) - Berlin	Crabbe Consulting Ltd -Newcastle (UK), DELFTTECH BV - Delft (NL), ENCLUSTRA GmbH - Zürich (CH), GEXCEL SRL - Brescia (IT), LUCAS INSTRUMENTS GMBH - Jena (DE), REGIO POLITIE ZELAND - AS Goes Zeeland (NL),	Forensic, tool: 3D Scanner,	CBRNE, Forensic, crime,
A4A	REA (261732)	www.aler4all.eu	Call 2010-4.3.1 CP Response	Alert for All; EUR 3,497,469: Improving the effectiveness of 1 element of the People-Centred Early Warning Systems paradigm (alert & communication / population in crises). Align alert procedures and processes to crises (natural or man-made), emerging technos, information sources and trends in social behaviour. Will: -Develop simulation tool for spreading information and human behaviour to key crisis scenario, communications plans, social/cultural crowds; - role of new media in citizens' perception of crisis, develop new media screening tools to allow authorities to adapt their strategies; -Develop inform. management portal where authorities/first responders can share & manage available inform. about crises by means of forementioned tools; - New operational concepts (training) for cooperation between authorities / responders, over coming regional and national barriers thanks to A4A tools; -Architecture of communications & protocols allowing alert messages dissemin. over terrestrial, satellite, new media) to increase alert penetration, reliability / resilience facing major disasters.	Mar. 2011 / Dec. 2013	DLR (DE) - Berlin	Bundesamt für Bevölkerungsschutz und Katastrophenhilfe - Bonn (DE), BAPCO - Manchester (UK), Technalia - Bilbao (ES), Minist. AFACERILOR Interne - Bucarest (RO), DEUTSCHES ROTES KREUZ - Berlin (DE), EDISOFT-EMPRESA DE SERVICOS E DESENVOLVIMENTO DE SOFTWARE SA (PT), EUTELSAT S.A. - Paris (F), INSTITUT Für RUNDFUNKTECHNIK Gmbh IRT - Münich (DE), TECNOSYLVA SL - Leon (ES), FOI - Stockholm (SE), Univers. STUTTGART (DE),	EWS, Crisis, simulation, training concepts, media, information management, Restoring security and safety in case of crisis,	Crisis, CBRNE, Natural disaster,
ABC4EU	REA (312797)	https://abc4trust.eu/	Call 2012.3.4-6 IP Preparedness	ABC GATES FOR EUROPE; EUR 12,015,246: ABC Gates are deployed in main European airports, most as pilot projects to test their capability to improve the border crossing processes in aspects such as speed, security, automation, false rejection reduction, etc. Harmonisation is required in areas as e-passports management, biometrics, gate design, human interface, processes, PKD certificate exchange, signalling and interoperability. ABC4EU will identify the requirements for an integrated, interoperable and citizen's rights respectful ABC system at EU level, and paying special attention to citizen rights, privacy and other related ethical aspects.It will focus on harmonisation in the design and operational features of ABC Gates, viewing the exploitation of EU second generation passports and other accepted travel documents. ABC4EU carrys out a 2 steps system validation: Upgraded ABC systems in several MS (airports, harbours and	janv. 2014 / Jul. 2017	INDRA SISTEMAS (ES) - Madrid	CENTRE for IRISH And European Security Ltd - Dublin (IE), COGNITEC SYSTEMS Gmbh - Dresden (DE), DERMALOG IDENTIFICATION Systems Gmbh - Hamburg (DE), ETICAS - Madrid (ES), ISDEFE - Madrid (ES), LAUREA - Helsinki (FI), MINISTERIO ADMINISTRACAO INTERNA - Lisboa (PT), Politsei- ja Piirivalveamet - TALLINN (EE), SAFE ID Solutions Gmbh - München (DE), Minist. INTERIOR - Madrid (ES), VISIONBOX - Lisboa (PT), Univers. DEGLI STUDI MILANO (IT), Univers. Juan CARLOS - Madrid (ES),	Airports, Boarder management, biometrics, ABC	Security, Boarder
ACRIMAS	REA (261669)	www.acrimas.eu	Call 2010 -4.1.1 CSA Response	Aftermath Crisis Management System-of-systems Demonstration; EUR 1,109,381: Crisis management (CM) in the EU is regarded as a "system-of-systems" integrating diverse organisations and components with different cultures, policies, assets, various stakeholders and procurement schemes. It incorporates technology, procedures, organisational concepts, & human factors. Addressing organisational & legislative frameworks, situational awareness, decision support, logistics, communications, training, exercises, restoration of services & media involvement. It follows a practical, user-centric & scenario-based approach. It will lead to validation of shared user needs. Outcomes will be definition, preparation of this method & roadmap that will prepare demonstrations & experiments. Final objective is to enable a gradual evolvement of CM capabilities, procedures, technologies, policies, standards through real field tests, facilitating EU wide collaboration, cooperation & communication in CM and improving cross-fertilisation between	Fev. 2011 / May 2012	FhG INT (DE) - Euskirchen	EADS Cassidian - Paris (F), Center for Security Studies KEMEA - Athens (GR), CRISIS MANAGEMENT INITIATIVE - Helsinki (FI), JRC - Brussels (BE), DEMOKRITOS - Athens (GR), TNO - Delft (NL), NFIV - Arnhem (NL), SELEX -Rome (IT), Technologies sans Frontières ASBL - Brussels (BE), FOI - Stockholm (SE), Turkiye Kizilay Dernegi - Ankara (TR), UNU-EHS United Nations - Bonn (DE),	Crisis management, Scenarios, Standards, Needs assessments, Roadmap, Restoring security and safety in case of crisis	Crisis, CBRNE (10%),
ACXIS	ENTR (312998)	http://www.casra.ch/en/about-us/news/	Call 2012.3.4-1 CP Detection	Automated Comparison of X-ray Images for cargo Scanning, EU fund 3,394,004: The main objectives of the project ACXIS are to develop a manufacturer independent reference data base for X-ray images of illegal and legitimate cargo, procedures and algorithms to uniform X-ray images of different cargo scanners and measurement parameters.	Sept. 2013 / Fev 2017	EMPA (CH) - Zürich	FhG EZRT - Erlangen (DE), Smiths Heimann SAS - Paris (F), APSS Soft (CH), CEA - Paris (F), Eidgenössische Zollverwaltung FCA - Berne (CH), APSS SOFTWARE & SERVICES AG CASRA (CH), Financ Minist DTCA - Den Haag (NL),	Detection, X rays, cargo scanning	Security, R N E
ADABTS	ENTR (218197)	www.adabts-fp7.eu	Call 2007-2.3-03 CP Detection	Automatic Detection of Abnormal Behaviour and Threats in crowded Spaces; EU fund 3,229,034: Facilitate protection of EU citizens, property & infrastructure against threats of terrorism, crime, riots, by automatic detection of abnormal human behaviour by extracting characterizations in realistic security settings based on expert classifications & analysis of CCTV operator behaviour. Algorithms detecting pre-defined threat behaviours with accurate & robust detection, data from audio, video sensors. Tested on real-time evaluation platform on large-scale events (football arena), critical infrastructure (airports).	Aug. 2009 / Sept. 2013	FOI (SE) - Stockholm	Stiftelsen Sintef - Oslo (N0), TNO (NL), Amsterdam Univ. (NL), BAE - Farnborough (UK), Home office HOSDB - London (UK), Ministr. Inter. - Sofia (BG), Detec As - Oslo (NO);	Automatic Detection, terrorism, crime, riots Abnormal human behaviour	Security, Detection

Acronym	Program (ID)	Website	Call	Description	Dates	Coordinator	Partners	Keywords	Categories
ADDPRIV	REA (261653)	www.addpriv.eu	Call 2010.6.5-2 CP Detection	Automatic Data relevancy Discrimination for a PRIVacy-sensitive video surveillance; EU fund 2,818,338: ADDPRIV proposes novel knowledge and developments to limit the storage of unnecessary data, to be implemented on existing multicamera networks in order to make them better comply with citizen´s privacy rights.	Fev. 2011 / Mar. 2014	Anova IT Consulting, S.L. (ES) - Madrid	kingston Univers. - London (UK), Politechnika Gdanska - Gdansk (PL), Goldsmith College - London (UK), Avanzit Tecnologia - Madrid (ES), Hewlett Packard Italiana - Rome (IT), SEA Aeroporti di Milano - Milano (IT), Renfe Operadora - Madrid (ES), Trinity College Dublin (IE),	Detection, terrorism, crime, riots, video surveillance systems, individuals' suspicious behavior, low storage	Security, Detection, Ethics, Justice,
ADVISE	REA (285024)	http://www.advise-project.eu/	Call 2011.5.3-4 CP Detection	Advanced Video Surveillance archives search Engine for security applications; EU fund 2,989,761: Aimed at designing and developing a unification framework for surveillance-footage archive systems. ADVISE system with 2 major components: first one performing the semantically enriched, event based video analysis which will offer efficient search capabilities of video archives and sophisticated result visualization, and second one enforcing the legal, ethical and privacy constraints that apply to the exchange and processing of surveillance data.	Mar. 2012 / Mar. 2015	ENGINEERING - INGEGNERIA INFORMATICA SPA (IT) - Roma	Informatics and Telematics Institute CERTH/ITI - Thessaloniki (GR), Neuropublic A.E. - Thessaloniki (GR), Queen Mary University of London QMUL (UK), SingularLogic - Athens (GR), Institute for European studies - Vrije Universiteit Brussel (BE), ISDEFE - Madrid (ES), Almaviva - Rome (IT), Innovation Engineering - Rome (IT), Madrid Municipal Police (ES),	Surveillance, video archive, data search engine,	Security, Detection
AEROCEPTOR	ENTR (285144)	http://www.aeroceptor.eu/	Call 2011.1.4-2 CP Response	UAV BASED INNOVATIVE MEANS FOR LAND AND SEA NON-COOPERATIVE VEHICLES STOP; EU fund 3,468,860: Interception of non-cooperative vehicles by law enforcement agencies is dangerous task. Accident may occur that threatens lives of those who intercept. Innocent 3rd parties are involved in accidents occurring in vehicular pursuits. It will develop a concept that will increase effectiveness, safety of procedures, enhancing capability range by developing technologies. LEAs to monitor, track, stop land & maritime non cooperative vehicles owing to automated aerial system. Remote Piloted Aerial System is solution able to combine human capability for decision making with high automated operation capability owing to continuous monitoring of operation & fulfilling state of art privacy respect legal requirement.	Jan. 2013 / Dec. 2015	INSTITUTO INTA (ES) - Madrid	ISDEFE - Madrid (ES), Aerospace and Defence SAU GMV - Madrid (ES), ONERA - Paris (F), Przemyslowy Instytut Automatyki i Pomiarow piap PIAP - Warszawa (PL), Alma Mater Studiorum-Universita di Bologna UNIBO - Bologna (IT), AIT - Wien (AT), Israel Aerospace Industries LTD. IAI - Tel Aviv (Israel), Turk Otomobil Fabrikasi Anonim Sirketi TOFAS - İstanbul (Turkey), Sigmund Freud Privatuniversitat Wien GMBH (AT), Ministerio del Interior - Madrid (ES), ROTEM Ltd - Mishor Rotem Neguev (Israel), LACROIX - Nice (F), Ministry of Public Security MOPS/INP - Tel Aviv (Israel), Zabala Innovation Consulting, SA - Madrid (ES),	UAV, Interception of non-cooperative vehicles , Legal requirement,	Security, Crime
AF3	REA (607276)	https://www.iit.demokritos.gr/project/af3	Call 2013.4.1-6 Demo Prevention	Advanced Forest Fire Fighting; EU fund 12,985,486: AF3 project intends to implement capabilities increasing efficiency of fire-fighting operations, to save human lives, reduce damages to environment. AF3 Core Expert Engine integrates 3 complex systems: • Command & Control station (to allocate resources) • Risk Analysis Tool (to assess behaviour & health risks to human, livestock, infrastructures) • Fire Fighting Lab (to predict fire progression & active / passive countermeasures effect) This engine, receiving input data from wide array of sensors (satellite, airborne, mobile, stationary systems), will process, merge heterogeneous information, will run in real time mission simulation to provide reliable support to decision makers during crisis management.	Jun. 2014 / Avr. 2017	SELEX (IT) - Florence	ARIA Technologies SA - Paris (F), SRC PAS - Warszawa (PL), ELBIT Systems LTD - Haifa (Israel), EADS - Construcciones Aeronauticas S.A - Madrid (ES), EFPC Consulting - Glasgow (UK), Empresa de transformacion agraria TRACSA SA - Madrid (ES), FhG Zv - München (DE), Intracom SA Telecom Solutions - Athens (GR), Univers. LINKOPINGS LIU - Stockholm (SE), Minist. Dell'Interno - Rome (IT), Ministry of National Defence - Athens (GR), Ministry of Public Security MOPS/INP - Tel Aviv (Israel), DEMOKRITOS - Athens (GR), Politecnico di Torino - Torino (IT), SKYTEK Ltd - Dublin (IE), Univers. of Westminster - London (UK), Univers. Politecnica de Valencia (ES),	UAV, Interception of non-cooperative vehicles , Legal requirement, Forest Fires,	Security, Crisis,
AFTER	ENTR (261788)	http://www.pyro.es/web/Pyro_en.html	Call 2010-2.3-2 CP Preparedness	A Framework for electrical power sysTems vulnerability identification,EU fund 3,473,803; AFTER project aims at increasing TSO capabilities in creating, monitoring, managing secure inter connected electrical power system infrastructures, to survive major failures & efficiently restore service supply after major disruption. Enhance security, resilience of complex energy systems. Objectives: 1. Define & develop architecture of a framework for risk andvulnerability assessment for integrated power, ICT systems:, 2. Develop methodos for dealing with risk, vulnerability in integrated power & ICT systems:, 3. Develop tools, techniques for dealing with risk & vulnerability in integrated power & ICT systems:, 4. Develop concepts, techniques for physical security AFTER addresses challenges posed by need for vulnerability evaluation, contingency planning of energy grids, energy plants considering also relevant ICT systems used in protection,	Sept. 2011 / Aug. 2014	Ricerca sul Sistema Energetico - RSE SpA (IT) - Milan	ENEA - Rome (IT), STIFTELSEN SINTEF - Trondheim (NO), Univers. Degli Studi - Genova (IT), Univers. College Dublin UCD - Dublin (IR), City Univers. - London (UK), Alstom Power Systems SA - Paris (F), Siemens AG - München (DE), JRC - Brussels (BE), Elia - Brussels (BE), Terna - Rome (IT), CEPS - Praha(CZ), SINTEF Energi AS - Trondheim (NO),	cascading, connected electrical power system infrastructures, energy grids, major failures, methodologies, Develop tools, vulnerability evaluation,	CIPs, Energy, Crisis Security of infrastructures and utilities
AIRBEAM	ENTR (140358)	http://airbeam.eu/project/	Call 2010.4.2-3 CP Preparedness	AIRBorne information for Emergency situation Awareness and Monitoring, EU fund 9,894,307.7 AIRBEAM proposes a situation awareness toolbox for the management of crisis over wide area taking benefit of an optimised set of aerial (unmanned) platforms, including satellites. By running scenarios defined by end-users in a simulated environment, the increased capabilities for situation awareness will be assessed methodically. Various platform and sensor mixes will be compared using key performance indicators among which is cost effectiveness, with live demonstrations with multiple civil unmanned aerial platforms	Jan. 2012 / Dec. 2015	EADS ASTRIUM (F) - Paris	Vlaamse Instelling Voor Technologisch Onderzoek - Mol (BE), TU Dortmund (DE), FOI - Stockholm (SE), Vigilance BV - Eindhoven (NL), Astrium - Paris (F), EADS GMBH - Ottobrunn (D), Dassault Aviation - Paris (F), Ministrstvo Notranje Zadeve - Ljubjana (SI), CSS Kemea - Athens (GR), Pelastusopisto emergency services college - Kuopio (FI), Thales - Paris (F), Sagem - Paris (F), Alenia Aeronautica - Pomigliano d'Arco-Napoli (IT), Isdefe - Madrid (ES), Radiolabs - Rome (IT), Selex - Rome(IT), Lapin Yliopisto - Rovaniemi (SE/FI), Laurea - Helsinki (FI), Instituto de Novas Technologias - Lisboa (PT), INDRA - Madrid (ES),	AIRBorne, Emergency situation Awareness, awareness toolbox, aerial (unmanned) platforms, performance indicators, Restoring security and safety in case of crisis,	Crisis

Project	Agency (ID)	Website	Call	Description	Duration	Coordinator	Partners	Keywords	Category
ALTERNATIVE	REA (285368)	www.law.kuleuven.be/inc	Call 2011.6.5-1 CP Preparedness	Developing alternative understandings of security and justice through restorative justice approaches in intercultural settings within democratic societies, EU fund 3,423,262: Provide alternative, deepened understanding based on empirical evidence of how to handle conflicts in intercultural contexts in democratic societies to set up security solutions for communities, whith active participation of citizens. 4 intensive case studies feeding theoretically grounded & empirically tested models of dealing with conflicts in intercultural settings by RJ processes.Dealing mainly with alternative epistemologies of justice & security, conflict analysis, RJ models application & their relevance for EU policies. Intercultural conflicts in few selected security sensitive areas: - local residents, residents with migrant background in public/social housing (Vienna) - Roma, non-Roma inhabitants (HU) - conflicts between Serbs, Albanians, Muslims, Croats (Serbia) - conflicts between local community & gangs of youths...	Fev. 2012 / Jan. 2016	Katholieke Universiteit Leuven, Leuven (BE),	Univers. of Ulster - Coleraine (UK), Foresee Research Group KFT - Budapest (HU), NOVA - Oslo (NO), European Forum for Restorative Justice VZW - Brussels (BE), Verein für Rechts und Kriminal Soziologie - Wien (AT), Victimology Society of Serbia - Belgrade (RS),	Conflicts in intercultural contexts, democratic societies, RJ processes	Conflict resolution and mediation, Crisis, Ethics, Justice,
AMASS	REA (218290)	www.amass-project.eu	Call 2007-3.3-02 CP Preparedness	Autonomous maritime surveillance system; EU funds EUR 3,450,460: Shoring up European maritime surveillance: Europe's territorial waters are difficult, dangerous and expensive to monitor & patrol. An innovative fully automated & autonomous system can help keep a watchful eye on EU's coastlines for suspicious activity. AMASS has designed reliable, round-the-clock maritime monitoring solution, including a flotation platform, optronics, hydrophones, thermal imaging camera, communications, power management & image exploitation, as well as command & control. When AMASS detects suspicious vessel, it relays images directly to a control centre on shore, enabling coastguards & other services to take swift & appropriate action. Buoys are also equipped with state-of-the-art passive stabilisers.	Mar. 2008 / Aug. 2011	Carl Zeiss Opptonics Gmbh - Sturrgart (DE),	Crabbe Consulting Ltd - Newcastle (UK), HSF spol. s r.o. - Sokolov (Cz), Instituto Canario de Ciencias Marinas - Las Palmas (ES), Universitat de Las Palmas de Gran Canaria - Las Palmas (ES), FhG Zv - München (DE), IQ Wireless Gmbh - Berlin (DE), CTM - Gdansk (PL), Fugro Oceanor AS - Tronheim (NO), Armed Forces MALTA, Luqa (MT),	Round-the-clock maritime monitoring solution,sensors, surveillance system;	Crisis, Boarder maritime surveillance
ANTIBOTABE	ENTR (241832)	http://antibotabe.com/	Call 2009-4.3-01 CP Preparedess	Neutralizing antibodies against botulinum toxins A,B,E; EU fund 2,966,386: Botulinum neurotoxins (BoNTs), the most toxic substances known, are susceptible for use as bioweapons (listed as class A agents by CDC). This project will target most lethal types of BoNTs. Best scFv from each library will be selected according to its high affinity & in vitro neutralization property. The six most neutralizing scFvs will be super-humanized (germline-humanized), expressed as IgGs, which will be tested in vivo, in standardised model of protection & against toxins obtained from collections of clostridia strains. Security against bio-threats in EU, based upon a family of well-tolerated & effective molecules.	Sept. 2010 / Fev 2015	Centre de recherche du service de santé des Armées (F) - La Tronche,	TU Braunschweig - Braunschweig (D), Helsingin Yliopisto - Helsinki (FI), Inst. Pasteur - Paris (F), CNRS - Paris (F), Health Protection Agency MHPRA - London (UK), Vitamib Sas - Grenoble (F), LFB Biotech - Paris (F); Minist. Defense - Paris (F), Medecine and Healthcare Products Agency - London (UK)	Neutralizing antibodies, botulinum toxins, Restoring security and safety in case of crisis,	B (100%)
ANVIL	ENTR (284678)	www.anvil-project.net	Call 2011.6.1-1 CSA Preparedness	Analysis of Civil Security Systems in Europe; EU fund 2,009,228: The project will develop consensus definitions of effectiveness and efficiency and then apply them to the different country and regional security systems looked at in the project. ANVIL will provide specific advice, based on objective indicators and analysis, about what changes or modifications could result in improvements to the security situation in certain regions or countries where this might be desired by EU policymakers.	Mar. 2012 / Fev. 2014	Research Management AS (Resman) (NO) - Oslo	Univers. Utrecht (NL), UI (SE), Univers. Essex - Colchester (UK), Institut za Medunarodne Odnose - Zagreb (HR), Univers. Hellenberg Oy - Helsinki (FI), Istituto Affari Internazionali - Rome (IT), IFSH - Hamburg (D), Swedish National Defence College SNDC (SE), Univeris. Beogradu, Fakultet Bezbednosti - Belgrade (SRB), FRS -Paris (F), Univers.. Adama Mickiewicza - Poznan (PL),	Civil Security Systems, consensus definitions,	Crisis
ARCHIMEDES	REA (285061)	www.eos-eu.com	Call 2011.7.5-1 CSA Preparedness	Support to security end users; EU fund 1,353,848: Weak participation of end-users & operators (EU&O) in all the stages of security research.Objective: 1) Develop an Innovation Management methodology & promote a common innovation culture; 2) Sustainable process for definition of common operational needs & early R&T demands with EU & MS security policies; 3) Promote security EU&O networking and permanent public-private dialogue through Forum to reinforce cooperation. 10 roundtables held in different EU countries. Validated findings will be provided as input to EC Security Advisory Group for planning of future security research activities	Jan. 2012 / Dec. 2014	EUROPEAN ORGANISATION FOR SECURITYSCRL (BE) - Bruxelles	PIAP - Warszawa (PL), UCL - Brussels (BE), Haut Comité Français Défense Civile - Paris (F), Minist. Interior - Madrid (ES), German European Security Association ESV - Berlin (DE), ISDEFE - Madrid (ES), Mediaservice Net SRL - Torino (IT),	Common innovation culture, end-users & operators, operational needs & early R&T demand, networking,	Crisis
ARENA	REA (261658)	http://www.ARENA-fp7.eu	Call 2010.2.3-3 CP Detection	Architecture for the Recognition of thrEats to mobile assets using Networks of multiple Affordable sensors; EU fund 3,178,761: Design of a flexible surveillance system for detection & recognition of threats towards deployment on mobile critical assets/platforms such as trucks, trains, vessels, oil rigs. Hijacking, piracy, theft raise major security cerns. Develop methods for detection & recognition, based on multisensory data analysis: to autonomously detect threats to critical mobile assets in large unpredictable environments; to reduce number & impact of false alarms towards optimized decision making; to demonstrate an integrated, scalable, easy to deploy monitoring system; to evaluate detection performance, tribute to standards; to respect, respond to social, legal, ethical issues arising. It will investigate different platforms including trucks, trains, vessels, oil rigs. .	May 2011 / May 2014	FOI (SE) - Stockholm	Univers. Reading - Reading (UK), Sagem - Paris (F), BMT Group - London (UK), TNO - Delft (NL), PRO DOMO Sas - Paris (F), ITTI - Poznan (PL), MORPHO - Paris (F),	Detection, mobile critical assets/platforms, trucks, trains, vessels, oil rigs,	Crisis

Project	ID	Website	Call	Description	Dates	Coordinator	Partners	Keywords	Domain
ARGOS	ENTR (313217)	http://www.argos-project.eu/	Call 2012.2.3-1 CP Detection	Advanced pRotection of critical buildinGs by Overall anticipating System; Eu fund 3,476,412.5 Supply, distribution of gas or electricity & Infrastructures that generate it or transport it (power plants, gas pipes), are vital to day-to-day functioning of any country; This project proposal will enhance the capacity of those Infrastructures in order to monitor, deter, and respond to a potential threat using 'Early Warning Technologies'. ARGOS has focus on development of non-privacy invasive technologies such as vibration sensors, audio sensors, video sensors, will contemplate embedded video analytics for 1st level processing (together with 2nd level of powerful video analytics placed in the local gateway).	Jan. 2014 / Dec. 2015	Everis Spain SL (ES) - Madrid	Research & Education Laboratory in Information Technologies - Athens (GR), DEMOKRITOS - Athens (GR), Univerzita Karlova v Praze - Praha (CZ), Athena GS3 Ltd - Holon (Israel), Infitheon Technologies - Athens (GR), Thales - Paris (F), Hi Iberia Ingeniería y Proyectos - Madrid (ES), Mira Telelecom - Bucarest (RO), Aratos Technologies S.A - Patras (GR), Center for Security Studies KEMEA - Athens (GR), Autoritad Portuaria - Gijon (ES), VTT - Espoo (FI)	Critical Infrastructures, power plants, gas pipes, Response to threats using 'Early Warning Technologies', Vibration - audio - video sensors,	Crisis
ARGUS 3D	REA (218041)	http://www.argus3d.eu/	Call 2007-3.3-01 CP Detection	AiR Guidance and Surveillance 3D, EU funds 3,262,050: Detection of manned and unmanned platforms by flying objects, managing 3D position data in region including extended border lines and large areas, 24 hours a day in all weather conditions, derived from enhanced existing Primary Surveillance Radar (PSR), together whit conventional and information coming via various passive radar technique in order to extend the airspace coverage and to enhance the target recognition capability of the surveillance systems. The system core will performs detailed 3D map of the area under surveillance with additional information on the nature of the target and on the alert level selected considering the track, the direction and a trajectory prediction of the target performed by the included Decision Support module.	Dec. 2009 / Fev. 2013	SELEX (IT) - Rome	Fraunhofer Institute for High Frequency Physics and Radar Techniques (FHR) - Wachtberg (DE), Univers. College London UCL - London (UK), Bumar Elektronika S.A. - Warszawa (PL), REDHADA SL - Valladolid (ES), Univers. DEGLI STUDI La Sapienza - Rome (IT), Dependable Real Time Systems LTD - London (UK), ENAV S.p.A - Rome (IT), SESM Soluzioni Evolute Sistemistica Modelli - Rome (IT), ISO Software Systeme GmbH - Nuremberg (DE), Econet - Madrid (ES), Ciaotech - Rome (IT),	3D map of area under surveillance flying objects, Primary Surveillance Radar, alert level,	Crisis, CIs,
ASSERT	ENTR (313062)	http://assert-project.eu/	Call 2012-1 NoE Preparedness	Assessing Security Research: Tools and Methodologies to measure societal impact; EU fund 553,420: Societal impacts on security will identify best practices. Series of workshops will create basis of a tool & strategy. Starting from synthesis of state of art discussions on societal security, it will identify best practice cases exploring, assessing societal impacts of science & technology in security domain & beyond carefully analyse their structural properties. This will be done in multidisciplinary fashion from different perspectives, including end-users, stakeholders, researchers, policy-makers, NGOs. Bringing together these different perspectives in series of workshops will create basis for development of a tool & strategy for sustainable implementation of societal impacts in future EU research activities.	May. 2013 / Jul. 2014	Institute for the Sociology of Law and Criminology IRKS (AT), - Vienna	Technische Universität Berlin (DE), Trilateral Research & Consulting LLP - London (UK),King's College London (UK), Univers. Stirling - Glasgow (UK), Hamburg-Consult Gesellschaft für Verkehrsberatung m.b.H. (DE)	Societal impacts, best practice, tool and a strategy,	Security, Ethics,
ATHENA	REA (245121)	http://www.athena-flora.eu/	Call 2012.6.1-3 CP Preparedness	AnThocyanin and polyphenol bioactives for Health Enhancement through Nutritional Advancement; EU fund 2,631,592: 2 major outputs that will enable & encourage users of new media to contribute in crisis situations for search, rescue actions: • set of best practice guidelines for LEAs, police, first responders, citizens for use of new media in crisis situations • prototype software tools to enhance ability of LEAs, police, first responders & citizens in their use of mobile&smart devices in crisis situations. New communication media such as Twitter, Facebook, high-tech mobile devices can be harnessed to provide efficient effective communication. Crisis management system encourages & enables public to participate, in ethical way, to contribute to the security of citizen in crisis situations and for search and rescue actions. ATHENA makes use of new social media and high tech mobile devices to efficiently & effectively acquire, analyse and disseminate crisis information and intelligence that is appropriate and useful to LEAs/police/first responders and public.	Dec. 2013 / Dec. 2016	West Yorkshire Police Authority (UK) - Manchester	Univers.Sheffield Hallam - Sheffield (UK), Municipality of Ljublljana (SI), International Organization for Migration - Brussels (BE), Epidemico Ltd - Dublin (IE), Univers. Of Virginia - Charlottesville (USA), Latvijas Republika - Riga (LV), Research in Motion Ltd - Waterloo Ontatio (Canada), Sas Software Ltd - Londres (UK), Thales - Delft (NL), Epam Systems - Stockholm (SE), Izmir Buyuksehir - Izmir (TR), FhG FKIE - Wachtberg (DE),	Crisis communication and management system, New media such as Twitter, Facebook,	Crisis, Citizens, Media,
AVERT	REA (285092)	http://avertproject.eu/	Call 2011.1.3-1 CP Preparedness	Autonomous Vehicle Emergency Recovery Tool, EU funds 2,810,822: Real present danger comes from the threat of CRBN contamination. Autonomous Vehicle Emergency Recovery Tool (AVERT) shall provide unique capability to Police and Armed Services to rapidly deploy, extract and remove both blocking and suspect vehicles from vulnerable positions such as enclosed infrastructure spaces, tunnels, low bridges as well as under-building and underground car parks. Vehicles can be removed from confined spaces with delicate handling, swiftly and in any direction to a safer disposal point to reduce or eliminate collateral damage to infrastructure and personnel. AVERT shall be commanded remotely and shall operate autonomously under its own power and sensor awareness	Jan. 2012 / Oct. 2014	IDUS Consultancy Ltd (UK), Reading near London	Zurcher Hochschule für Angewante Wissenschaften - Winterthur (CH), Democritus University of Thrace - Thessalonique (GR), Force Ware Gmbh - Stuttgart (DE), Bernd Siegfried Willy Birkicht - Stuttgart (DE), Marshall SDG Ltd - Cambridge (UK),	CRBN threatcontamination, extract and remove both blocking and suspect vehicles	CRBN
BASYLIS	ENTR (261786)	http://www.basylis.european-project.eu/	Call 2010.2.3-3 CP Detection	moBile, Autonomous and affordable SYstem to increase safety in Large unpredIctable environmentS; EU fund 2,037,265: Developed a low-cost smart sensing platform that can automatically, effectively detect a range of security threats in complex environments. This system is targeted at: » refugee camp protection, » critical infrastructures protection, » land border surveillance, » protection of high security prisons, » protection of historical sites such as museums, palaces etc; » security forces. BASYLIS developed a security solution that combines radar, ladar, acoustic vector sensors, unattended ground, sensors, bracelets for personal security, video intelligence for alarm recognition, classification. System was developed according to data protection & privacy ethical policies currently in force in EU.	May. 2011 / May. 2013	INDRA Sistemas (ES) - Madrid	New Technologies Global Systems - Madrid (ES), Univers. Di Firenze UFL (IT), TERMA - Lystrup(DK), Microflow Avisa - Arnhem (NL), MIRASYS - Helsinki (FI), Univers. Madrid (ES), Univers. College London UCL (UK), Minist. del Interior - Madrid (ES),	CIPs - refugee camp protection, low-cost smart sensing platform,	Crisis

BEAT	REA (284989)	www.beat-eu.org	Call 2011.5.1-1 CP Preparedness	Biometrics Evaluation and Testing, EU funds 3,499,784: BEAT proposes a framework of standard operational evaluations for biometric technologies. This will be achieved by (1) developing an online & open platform to transparently, independently evaluate biometric systems against validated benchmarks, (2) designing protocols, tools for vulnerability analysis, (3) developing standardization documents for Common Criteria evaluations. Decision-makers & authorities will be informed about progress, results will have impact on standards for contributing to development of a EU Identification Certification System.	Mar. 2012 / Fev. 2016	Idiap Research Institute (CH) - Martigny	TUBITAK - Ankara (TR), Haute Ecole Spécialisée de Suisse Occidentale HESSO - Delemont (CH), Univers. of Surrey - Guildford (UK), EPFL - Lausanne (CH), Katholieke Universiteit Leuven - Leuven (BE), TUVIT - Essen (DE), CEA (LETI) - Paris (F), Universidad Autonoma de Madrid UAM - Madrid (ES), Morpho - Paris (F),	Biometric technologies, evaluation open platform, standardization	Security,
BESECU	REA (218324)	www.besecu.de	Call 2011.5.1-1 CP Preparedness	Human behaviour in crisis situations: a cross cultural investigation to tailor security-related communication, EU funds 2,093,808: BESECU (Behavior, Security and Culture) was an investigation of cross-cultural differences of human behavior in crisis situations in order to better tailor security-related communication, instructions, procedures. Understanding cultural reactions to crisis situations could help develop better emergency policies & procedures. By studying how different people react in emergencies & identifying what impact culture has on behaviour, it undertook the largest-ever study on topic by interviewing over 1 000 disaster survivors & over 3 000 first responders in these countries. 3 building evacuationsconducted in Czech Republic, Poland, Turkey: identify set of behaviours that are unique across cultures, highlighting significant differences in response among the 4 populations. Findings have been exploited in other EU projects, have helped integrate important cultural components into safety, crisis management. Key messages have been disseminated to stakeholders.	Mar. 2008 / Dec. 2011	Ernst-Moritz-Arndt-Univers. Greifswald (DE) - Greifswald near Rostock	Univers. Hamburg-Eppendorf - Hamburg (DE), Univers di Bologna - Bologna (IT), Psychiatricke Centrum Praha, Praha (CZ), SZKOLA GLOWNA SLUZBY POZARNICZEJ Faculty of Fire Safety Engineering SGSP - Warszawa (PL), Ambulance & Emergency Physicians Association - Izmir (TR), MTO SAKERHET 2010 AB Man-Technology-Organisation (MTO)-Psychology - Stockholm (SE), Instituto Seguridad Publica de Cataluna - Barcelona (ES), Hamburg Fire and Emergency Service Academy - Hamburg (DE), Univers. of Greenwich - Greenwich (UK),	Human behaviour in crisis situations	Crisis, Human ,
BESECURE	REA (285222)	http://www.besecure-project.eu	Call 2011.6.2-1 CP Preparedness	Best practice Enhancers for Security in Urban Environments, EU funds 3,468,092: Urban security is a complex multi-dimensional process demanding better understanding of urban security throughout EU, & more sensible policy development to create safer urban environments, prevent undesirable security scenarios. It will work towards better understanding of urban security through examination of different EU urban areas. By examining 8 urban areas in EU, BESECURE will build comprehensive, pragmatic set of indicators, pragmatic risk assessment model that can provide cues about development of certain scenarios. It will improve urban security policy making by sharing best practices that are in use throughout EU, & by providing visualisation, assessment tools, guidelines that will help local policy makers to assess impact of their practices.	Avr. 2012 / Mar. 2015	TNO (NL) - The Hague	Consiglio Nazionale delle Ricerche - Rome (IT), University of Ulster - Coleraine (UK), ITTI SP - Poznan (PL), Crabbe Consulting Ltd - Stockton-on-Tees (UK), FhG EMI - Freiburg (DE),	Urban security, policy makers, best practices, visualisation and assessment tools, guidelines, Citizen, Media,	Crisis, Interoperability,
BIO-PROTECT	REA (242306)	http://fp7-bioprotect.eu/	Call 2009-1.3-01 CP Detection	Ionisation-based detector of airborne bio-agents, viruses and toxins for fast-alert and identification; EU funds 3,125,577: Anthrax attack success depends on concentrating sufficient amount of pathogens in a defined area. Hence safeguarding a certain area regarding B agents demands the detection of pathogenous bacteria, spores and viruses in various matrices (e.g. Anthrax in flour or sugar) or suspicious aerosols. BIO-PROTECT develops fast-alert, easy-to-use device to be applied for detection and identification of airborne bacteria, spores, viruses and toxins. Based on bioaerosol detection by fluorescence, scattering and background aerosol measurement followed by ionization of air flow, analysis of the spectrum of relative speed of passage, which, in turns, enables identification of harmful biological agents.	Jun. 2010 / Jan. 2014	LGI Consulting (F) - Paris	Aalborg Univers. - Aalborg (DK), C-TECH Innovation Ltd - Chester (UK), Robert Koch-Institut - Berlin (DE), Environics-IUT Gmbh - Berlin (DE), O Zuravliovo Imone Avista - Vilnius (LT), CEA - Paris (F), IUT Institut für Umwelt Technologien Gmbh - Berlin (DE), Environics OY - Mikkeli (FI),	Anthrax attack, fast-alert device,	B (100%)
BONAS	ENTR (261685)	www.bonas-fp7.eu	Call 2010.1.3-3 CP Detection	BOmb factory detection by Networks of Advanced Sensors; EU fund 3,488,360: BONAS is to design, develop, test a novel wireless sensors network for in particular against threat posed by IED devices. It will focus on detection of traces of precursors (particulates, gases and/or waterborne) present in environment surrounding vicinity of a 'bomb factory'. Develop: Lidar/Dial system; QEPAS sensor; SERS sensor; an Immunosensor. Prepare potential future deployment of key sensors aboard a flying platform with view towards increasing BONAS network detection capabilities.	Avr. 2011 / Sept. 2014	ENEA (IT) - Rome	Univers. Belfast (IE), King's College London (UK), EADS - Ottobrunn (DE), Onera - Paris (F), Tekever - Lisboa (PT), CESM - Neuchatel (CH), CEA - Paris (F), Univisers. Lyon1 (F), Univers. Lausanne (CH), Laser Diagnostic Instrum - Thallinn (EE), Serstech AB - Lundt (SE), Centro Ricerce Elettro Ottiche L'Aquila (IT), National Bureau of Investigation - Vantaa (FI)	Detection precursors, wireless sensors, IED,	C & E,
BOOSTER	REA (242361)	http ://www.booster-project.org/	Call 2009-4.3-02 CP Response	BIO-dOSImetric Tools for triagE to Responders; EU funds 3,284,291: BOOSTER project addresses rapid triage of exposed persons. It is a capability project designed to research and develop new bio-dosimetric tools in order to quickly evaluate the level of potential casualties, determine by appropriate sensors their sequences, allow an efficient triage of exposed people, integrate a useful and usable toolbox, train civil protection operators and define commercial exploitation potentialities. New bio-dosimetric tools.These approaches will be combined in a prognostic toolkit that will allow effective management of exposed persons presenting at triage.	Sept. 2010 / Jun. 2013	CEA (F) - Paris	National Univers. of Ireland, Galway (IE), ORSZAGOS ATOMENERGIA HIVATAL - Budapest (HU), Karlsruher Institut für Technologie - Karlsruhe (DE), Universitat Politecnica - Valencia (ES), MAGYAR TUDOMANYOS AKADEMIA - Budapest (HU), CANBERRA - Paris (F),	Nuclear radiation Detection Tools, Restoring security and safety in case of crisis,	R, N

Project	ID	Website	Call	Description	Dates	Coordinator	Partners	Keywords	Domain
BRIDGE	REA (287658)	http://sec-bridge.eu	Call 2010.4.2-1 DEMO Response	Bridging resources and agencies in large-scale emergency management; EU funds 12,983,143: BRIDGE will increase safety of citizens by developing technical, organisational solutions that significantly improve crisis, emergency management in EU MS. BRIDGE platform will provide technical support for multi-agency collaboration in large-scale emergency relief efforts. Key to this is to ensure interoperability, harmonization & cooperation among stakeholders on technical & organisational level.	Avr. 2011 / Avr. 2015	Stiftelsen SINTEF (NO) - TRONDHEIM	Almende B.V. - Rotterdam (NL), CNet Svenska AB - Stockholm (SE), FhG FIT - Sankt Augustin (DE), Lancaster University - Manchester (UK), Crisis Training AS - Elverum near Oslo (NO), SAAB Training Systems - Huskvarna (SE), Thales Nederland B.V. - Delft (NL), Alpen-Adria Universität - Klagenfurt (AT), Paris-Lodron Universität - Salzburg (AT), VSH Hagerbach Test Gallery Ltd - Flums near Zürich (CH), Technische Universiteit Delft- Delft (NL), Stockholms Universitet - Stockholm (SE), Helse Stavanger HF - Stavanger (NO),	Interoperability of data, systems, tools and equipment, Restoring security and safety in case of crisis,	Crisis,
C2-SENSE	REA (607960)	http://c2-sense.eu/	Call 2013.5.3-1 CP Response	Interoperability Profiles for Command/Control Systems and Sensor Systems in Emergency Management; EU funds 2,885,416: Interoperability of systems can be very complex. In C2-SENSE Project, a "Profiling" approach will be used to achieve seamless interoperability by addressing all layers of communication stack in security field. Maiin objective is to develop a profile based Emergency Interoperability Framework by use of existing standards, semantically enriched Web services to expose functionalities of C2 Systems, Sensor Systems & other emergency/crisis management systems. C2-SENSE will assess its outcomes in a realistic "Flood Scenario in Italy" pilot to ensure that developed technologies are generic & applicable in real life setting	Avr. 2014 / Avr. 2017	SAGEM (F) - Paris	AIT Austrian Institute of Technology GmbH - Seibersdorf (AT), Innova.Puglia - Bari (IT), Lutech SPA - Milano (IT), PIAP - Warszawa (PL), Regione Puglia - Bari (IT), Regola srl - Torino (IT), SRDC - Ankara (TR),	Interoperability specifications for information and meta-data exchange amongst sensors and control systems	Crisis, Inter-operability,
CAERUS	REA (607960)	http://caerus.nilu.no/	Call 2013-1 CP Recovery	Evidence based policy for post crisis stabilization: bridging the gap; EU funds 3,250,000: CAERUS aims to identify humanitarian relief actions that pave the way for human development, stability in post-conflict societies: •to improve policies for transitional situations at global, regional levels, strengthen operational policies; •to identify compatibilities & contradictions in relief to development policies in UN, EU, US, Japan, regional inter-governmental bodies & propose reforms. •to better understand the role of health and education as drivers of pacification & social stabilisations in post crises settings, recommend future policy from lessons learnt.	Mar. 2014 / Mar. 2017	UCL (BE) - Bruxelles	Fafo - Oslo (NO), NILU Norsk institutt for luftforskning - Oslo (NO), Plus PARIS-LODRON-Univers. - Salzburg (AT), Royal Institute of International Affairs Chatham House RIIA - London (UK), ECDPM European Centre for Development Policy Management - Maastricht (NL), Jadavapur University - Calcutta (India),	Post crisis stabilization, humanitarian, transitional situations, policies,	Post Crisis
CAMINO	REA (607406)	http://www.fp7-camino.eu/	Call 2013-1 CSA Preparedness	Comprehensive Approach to cyber roadMap coordiNation and develOpment; EU funds 1,036,888: Provide realistic roadmap for improving resilience against cybercrime, cyber terrorism. 2 Objectives: To develop comprehensive cyber crime & cyber terrorism research agenda & To initiate long-term activities providing stable platform of security research experts & organisations.	Avr. 2014 / Mar. 2016	ITTI (PL) - Poznan	CBRNE Ltd - Ashford (UK), Consiglio Nazionale delle Ricerche- Rome (IT), DFRC AG - Bern (CH), Espion Ltd - Dublin (IE), Everis Aeroespacial y Defensa S.L. - Madrid (ES), Universite Montpellier I (F), WSPol - Szczytno (PL), S21sec Information Security Labs S.L. - Pamplona (ES), Sec-Control Finland Ltd - Helsinki (FI),	Cyber roadMap, Resilience,	Cyber
CAPER	REA (58612)	http://www.fp7-caper.eu/	Call 2010.1.2-1 IP Preparedness	Collaborative information, Acquisition, Processing, Exploitation and Reporting for the prevention of organised crime; EU funds 5 579 346: Create a common platform for prevention of organised crime through sharing, exploitation, analysis of Open and private information sources. Features: •Information acquisition from a linguistically neutral point of view •Information Processing having into account different information types and cultural biases •Information Exploitation through a Visual Analytics component •Standardisation for interchange of data and tools •Integration with Large scale Systems •Secure knowledge sharing and collaboration •Study and recommendations about legal, ethical and societal issues, User focused	Sept. 2011 / Jun. 2014	S21SEC INFORMATION SECURITY LABS S.L. (ES) - Pamplona	FhG FKIE - Wachtberg (DE), Minist. of Public Security - Ramle (ISRAEL), Synthema s.r.l. - Pisa. (IT), Studio Professionale Associato a Baker & McKenzie - Milano (IT), Technion - Haifa (Israel), Institute of Technology - (Israel),Altic Sarl - Paris (F), Univers. Autonoma de Barcelona - Barcelona (ES), Generalitat de Catalunya - Barcelona (ES), Consiglio Nazionale delle Ricerche- Rome (IT), Minist. da JUSTIÄA - Lisboa (PT), Guardia Civil Espanola - Madrid (ES), Centro de Tecnologías de Interacción Visual y Comunicaciones - VICOMTech - San Sebastia (ES), Minist. dell'Interno - Rome (IT), Voiceinteraction - Lisboa (PT), Angel Iglesias - IKUSI - San Sebastian (ES), Alma Consulting - Paris (F),	Measures against cyber crime	Cyber
CARONTE	ENTR (606967)	in building	Call 2013.2.2-1 CSA Detection	Creating an Agenda for Research ON Transportation sEcuity, EU fund 1,256,869: Easy, efficient, safe, secure transportation is core factor for EU growth, collaboration, employment & therefor an item in the EU 2020 strategy. CARONTE will provide answers to question of what type of security related projects should be planned in the future, considering current state of art & existing research projects. It will cover all threats (including cyber-crime) & security aspects for all land transportation modes, respecting fundamental human rights & privacy.	Sept. 2014 / Mar. 2016	FhG IML (DE) - Dortmund	AIT - Seibersdorf (AT), EURNEX e. V. - Berlin (DE), Technalia - Bilbao (ES), IFSTTAR (Institut français des sciences et technologies des transports, de l'aménagement et des réseaux) - Lyon (F),ITENE Instituto Tecnológico del Embalaje, Transporte y Logística - Valencia (ES), IRKS - Wien (AT),Loughborough Univers. - Leicester (UK), Seceur - Brussels (BE), Széchenyi István Univers. - Gyor (HU), Vysoká škola bezpečnostného manažérstva v Košiciach - Košice (SK),	Land transportation, avoiding interrupts of transport.	Security, Boarder, Transport
CASCEFF	REA (607665)	www.casceff.eu	Call 2013.4.1-2 CP Response	Modelling of dependencies and cascading effects for emergency management in crisis situations; EU funds 3,594,938: Challenges facing international intermodal container logistics are efficiency and security. These seemingly conflicting issues have a common solution: supply chain visibility, where data for visibility can be shared between business and government. R&D project will result in improved understanding of how and when cascading effects occur and how incident managers can be better supported in understanding the effects and limit potential damages. E-Semble co-develops the research format and the design of the Incident Evaluation Tool, and supports the virtual tests and excercises.	Mar. 2014 / Mar. 2017	SP Sveriges Tekniska Forskningsinstitut AB (SE) - Göteborg	E-Semble BV - Delft (NL), INERIS - Creil (F), Lunds Univers. - Malmö (SE), MSB - Karlstad (SE), Northamptonshire County Council (UK), Safety Centre Europe BVBA - Antwerpen (BE), Service Public Federal Intérieur - Brussels (BE), Université de Lorraine - Metz (F), Univers. Gent (BE), Univers. of Leicester (UK),	Cascading effects, supply chain, incident manag., evolution, rescue services, foresight tools, first responder, tactics preparedness, response, simulation of physical effects, role of media in crises,	Crisis

Project	Agency (ID)	URL	Call	Description	Dates	Coordinator	Partners	Keywords	Category
CASSANDRA	REA (261795)	http://www.cassandra-project.eu	Call 2010.3.2-1 IP Protection	Common assessment and analysis of risk in global supply chains; EU funds 9,958,749: CASSANDRA's main strategic goal is to improve supply chain visibility and business execution as well as the efficiency and effectiveness for government supervision. This will be facilitated by data sharing and a new approach towards risk assessment. The project will enable and facilitate the combination of existing information sources in supply chains into a new data sharing ("information pipeline") concept which improves visibility and thus also assessment of risks by both business and government. A new approach in risk assessment will make sure that government can use data more efficiently and therefore improve overall effectiveness.	Jun. 2011 / Jun. 2014	TNO (NL) - The Hague	Erasmus Universiteit - Rotterdam (NL), Technische Universiteit Delft (NL), Institute of Shipping Economics and Logistics - Bremen (DE), Fundacion Zaragoza Logistics Centre - Zaragoza (ES), Cross-border Research Association - Lausanne CH), GS1 AISBL - Brussels (BE), IBM Nederland BV - Amsterdam (NL), GMVIS Skysoft SA - Lisboa (PT), Intrasoft International SA - Luxembourg (LU), Atos - Madrid (ES), Descartes GS1 AISBL - Brussels (BE), Senator of Economy, Labour and Ports of the Free Hanseatic City of Bremen, Germany (DE), Ministerie van Financien Directoraat Generaal - The Hague (NL), HM Revenue and Customs - London (UK), Korps Landelijke Politie Diensten - (NL), Portic Barcelona S.A. (ES), ECT Participations - Rotterdam (NL), Dbh Logistics IT AG - Bremen (DE), Seacon Venlo Expeditie BV - Venlo near Duisburg (NL), BAP Logistics Ltd - Felixstowe near Ipswich (UK), Kuehne + Nagel GmbH - Wien (AT), DHL Management Ltd - Basel (CH), North-South Consultants Exchange LLC - Cairo (Egypt), Port Authority of Setubal & Sesimbra - Setubal (PT), Portbase BV - Rotterdam (NL),	Supply chain, data sharing, risk assessment,	Crisis
CAST	ENTR (218070)	http://www.research.sbg.ac.at/cast/	Call 2007-1.6.2-1 CP Preparedness	Comparative Assessment of Security-Centered Training Curricula for First Responders on Disaster Management in the EU; EU fund 1,974,620: Security-centered training course curricula on disaster management for first responders; comparative assessment	Sept. 2009 / Jun 2011	Salzburg Univ. (AT)	ISCC International Security Competence Centre - Wien (AT), Saab - Huskvarna (SE), Hamburg Fire (D), Diamond aircraft indus. - Wien (AT), Swedish Police - Stockholm (SE), S. Freud Univ. - Wien (AT); DSTS Advisers - Wien (AT), Defence Minist. Praha (CZ), Tecnatom - Madrid (E), Feur Ministr. - Wien (AT), Red Cross - Wien (AT), BCE - Budapest (HU), PSNI Police - Dublin (IE), FhG ICT - (DE),	Training, Curricula, First Responders, Disaster Management,	Crisis, CBRNE (10%),
CATO	ENTR (261693)	http://www.cato-project.eu	Call 2010.4.2-2 Demo Response	CATO - CBRN crisis management: Architecture, Technologies and Operational Procedures; EU fund 10,278,062: CATO proposes to develop a comprehensive Open Toolbox for dealing with CBRN crises due to terrorist attacks using non-conventional weapons or on facilities with CBRN material. Know-how, DSS buildiMany elements for CBRN crisis management exist (detectors, personal protective equipment, decontamination methods,Standard Operating Procedures, emergency managements systems, training programmes, etc.). Overall approach to CBRN preparedness and resilience which: Addresses the overall effectiveness and performance of the response & not just of the individual agencies -Can be adapted to different geopolitical, organisational & geographic settings -Facilitates the multiple usage of the underlying techno. -Creates environment supporting progressive learning It will also: -Support effective collaboration and dialogue, as related to CBRN between EU, MS; -Define, develop tools which allow to prepare & respond to major disasters.	Jan. 2012 / Dec. 2014	Ness (Israel) - Tel Aviv	Jyväskylän yliopiston - Jyväskylä (FI), Beredskabsstyrelsens - Birkerød (DK), Státní ústav radiační ochrany, v.v.i. - Praha (CZ), VTT - Espoo (FI), Minist. Defense - Paris (F), Univers. salzburg (AT), CEA - Paris (F), CESS Centre for European Security Strategies - München (DE), VTT - Espoo (FI), Home Office - London (UK), Centre for Science - Rome (IT), ARTTIC - Paris (F), Magen David Adom - Tel Aviv (Israel), Vectorcommand ltd - HAMPSHIRE (UK),FhG FKIE - Wachtberg (DE), Police Nationale CBRN centre - London (UK), Prolog Develop. Center PDC - Brøndby (DK), Danish Emergency Management Agency - Copenhagen (DK), Technical University of Denmark - Lyngby (DK), SCK CEN - Brussels (BE), Helmholtz Zentrum IRP - München (DE), Robert Koch Institute- Berlin (DE), National Radiation Protection Institute SURO - Praha (CZ), VUJE AS - Trnava (SI), Service de santé des Armées - Paris (F), Bonn Hospital Univers. - Bonn (DE), EMAUG Ernst-Moritz-Arndt-Universität Greifswald - Greifswald (DE), PRIO Peace Research Institute Oslo - Oslo (NO), Inconnect - Doordrecht (NL),	CBRN crisis management, Toolbox, resilience, Restoring security and safety in case of crisis,	Crisis, CBRNE
CBRNEMAP	REA (94694)	https://www.cbrnemap.org	Call 2009-1.1-02 CSA Preparedness	Road-mapping study of CBRNE demonstrator; EU funds 1376,185: CBRNEMAP will lead to a plan for the development of technologies & systems needed for an optimised demonstration programme. It is evaluating events leading up to, during & after CBRNE terrorist incident as well as potential roles of various sectors, including law enforcement, civil protection, rescue, health. It also incorporates practical processes relating to border control, mass transit: workshops, questionnaires, stakeholder engagement. Gaps between CBRNE science & technology were identified. It illustrates importance of a system-of-systems in CBRNE counter-terrorism. Demonstrator focuses on threatened societal functions as mass transport & gatherings, political infrastructure. Mapping relied on interviews. It is developing technological roadmap for investments in research & technology development.	June 2010 / Oct. 2011	UMEA Univers. (SE) - Umea	UCL - Brussels (BE), SELEX - Rome (IT), Robert Koch Institute - Berlin (DE), EADS - Ottobrunn (DE), Minist. De la Défense - Pais (F), FOI - Stockholm (SE), Lindholmen Science Park Aktiebolag - Goteborg (SE), CILAS - Orléans (F), FRS - Paris (F), Státní ústav jaderné, chemické a biologické ochrany, v. v. i - Milin (CZ), Home Office - London (UK), ISTITUTO AFFARI INTERNAZIONALI - Rome (IT), Haut Comité Français à la Défense Civile - Paris (F),	CBRNE RoadMap	Crisis, CBRNE
CIPRNET	REA (312450)	https://www.ciprnet.eu/	Call 2012.7.4-2 NoE Preparedness	Critical Infrastructure Preparedness and Resilience Research Network; EU funds 6,569,842: NoE in CIP R&D for a wide range of stakeholders, (multi) national emergency managements, CI operators, policy makers, society. It builds a long-lasting, durable virtual centre of shared & integrated knowledge and expertise in CIP and CI MS&A (Modelling, Simulation, Analysis) by integrating CIPRNet resources & R&D activities acquired in 50 EU co-funded projects. This centre will form the foundation for the EU Infrastructures Simulation & Analysis Centre (EISAC) by 2020. It will strengthen and structure the EU Research Area on CIPs. It includes training & the ask the CIPRNet expert service to find & access the right pockets of EU CIP expertise. Enhances EU CI resilience by knowledge & understanding, preparation and mitigation of CI disruptions. It forms the stepping stone for the development of long-lasting cooperation & integration of R&D. EU CIP innovation process is boosted. Provide actionable, risk-informed CIP analyses & strategies that support the preparation for, response to, & recovery from major CI disruptions.	Mar. 2013 / Fev. 2017	FhG IAIS (DE) - Sankt Augustin	ENEA - Rome (IT), TNO - The Hague (NL), Union Internationale des Chemins de Fer UIC - Paris (F), CEA - Paris (F), JRC - Brussels (BE), Deltares - Delft (NL), KIOS - Nicosia (CY), University of Technology and Life Sciences UTP - Bydgoszcz (PL), Università Campus Bio-Medico di Roma UCBM - Roma (IT), University of British Columbia UBC - Vancouver (Canada),	Critical Infrastructure, foundation for the EU Infrastructures Simulation & Analysis Centre (EISAC) by 2020. EU CIP expertise,	CIPs, Crisis

Acronym	Agency (ID)	URL	Call	Description	Dates	Coordinator	Partners	Theme	Tags
CLOSEYE	ENTR (313184)	http://www.closeye.eu/	Call 2012.3.1-2 CSA Response	Collaborative evaluation Of border Surveillance technologies in maritime Environment bY pre-operational validation of innovativE solutions; EU fund 9,218,256: » To validate new security solutions taking into account any aspect of border security that could threaten human rights or break international law; » To enable public authorities in charge of border surveillance to innovate faster in the provision of their institutional services, making them more efficient & effective; » To increase research capacity, innovation performance of EU companies & research institutions, creating new opportunities to take international leadership in new markets; » To conduct pre-operational validation of common application of surveillance tools at EU level via competitive testing & assessment of several potential solutions; » To achieve competitive testing framework	Apr. 2013 / Oct. 2016	Guardia Civil GUCI (ES) - Madrid	Guardia Nacional Republicana GNR - Lisbon (PT), ISDEFE - Madrid (ES), Agenzia Spaziale Italiana ASI - Rome (IT), European Union Satellite Center - Location Torrejón de Ardoz ES (EU), Marina Militare Italiana - Venice (IT),	Border Surveillance, maritime, operational and technical framework	Security, Boarder, Transport
COBACORE	REA (5068485)	http://cobacore.eu/inde	Call 2012.4.3-1 CP Recovery	Community Based Comprehensive Recovery; EU funds 3,497,636: Close the collaboration gaps between stakeholders involved in post-crisis recovery. It aims to improve matching of needs with capacities, through building upon community as important source of information & capabilities. COBACORE suite of tools, will support common needs assessments efforts, damage recovery needs, economic needs, health & social needs, and other critical humanitarian needs. COBACORE assets will stimulate community-wide involvement in information gathering, sense-making, needs assessment practices. COBACORE platform is a set of interconnected mechanisms that maintain 3 information models: community model, context model, needs model.	Apr. 2013 / Mar. 2016	TNO (NL) - The Hague	Univers. Ulster - Coleraine (UK), Deutsches Rotes Kreuz - Berlin (DE), Nederlandse Rode Kruis - The Hague (NL), Future Analytics Consulting Ltd - Dublin (IE), Stichting Katholieke Universiteit Brabant Tilburg - Tilburg (NL), Integrasys SA - Madrid (ES),	Practices and tools, interconnected mechanisms, 3 information models: context -community - needs.	Post-crisis recovery
COCAE	REA (88212)	www.cocae.eu	Call 2007-1.3-01 CP Detection	Cooperation across Europe for Cd(Zn)Te based security instruments; EU funds 2,031,347: Technology development for instruments with the following capabilities: - To make spectroscopic measurements with efficiency equivalent to that of NaI detectors and energy resolution close to that of HPGe devices but without using cryogenic systems.- To find the direction and the distance of the radioactive source.- To localize the source into a cargo and estimate the radioactive source activity taking information about the source environment (shielding, absorption in the surrounding materials) - To work at a wide range of absorbed dose rates by adjusting the effective volume of the detector. Improve the quality of the data gathered by the customs officers during the routine inspections at the boarders & will assist the first responders in case of a radiological or nuclear emergency.	Oct. 2008 / Mar. 2012	Technological Educational Institute of Athens (GR) - Near Athens Psahna	Albert-Ludwigs-Univers. Freiburg - Freiburg (DE), Rigas Tehniska Universitate - Riga (LV), Oy Ajat Ltd - Espoo (FI), National Academy of Sciences of Ukraine - Lashkaryov Institute of Semiconductor Physics - Kiev (Ukraine), Demokritos - Athens (GR), Greek Atomic Energy Commission - Paraskevi (GR), Yuriy Fedkovych Chernivtsi National University - Chernivtsi (Ukraine),	Cutting-edge portable radiation detectors	RN
COCKPITCI	REA (285647)	http://www.cockpitci.eu/	Call 2011.2.5-1 CP Protection	Cybersecurity on SCADA: risk prediction, analysis and reaction tools for Critical Infrastructures; EU funds 2,986,675: Improve resilience & dependability of CIs by automatic detection of cyber-threats, sharing of real-time information about attacks among CI owners. Aims to identify, in real time, CI functionalities impacted by cyber-attacks & assess degradation of CI delivered services. CockpitCI will design, develop a system capable of detecting malicious network traffic which may disrupt correct functioning of a SCADA system & tamper with its normal operation.	Jan. 2012 / Dec. 2014	SELEX (IT) - Rome	IEC Israel Electric Corporation - Haifa (Israel), Transelectrica - Bucarest (RO), LYSE Energi - Stavanger (NO), Itrust consulting sarl - Luxembourg (LU), Multitel - Mons (BE), Universi Degli Roma - Rome (IT), ENEA - Rome (IT), CRAT Consortium for Research in Automation and Telecommunication - Rome (IT), University of Surrey - Guildford (UK), CRPHT Centre de Recherche Public Henri Tudor - Luxembourg (LU), FTUC Faculdade de Ciências e Tecnologia da Universidade - Coimbra (PT),	Cybersecurity, SCADA, Risk prediction, CIs,	Cis, Cyber
COMIFIN	CNECT (225407)	http://www.comifin.eu	Call ICT-SEC-2007.1.7 CSA Preparedness	Communication Middleware for monitoring Financial CI; EU funds 152,565; CSA among ongoing EU and US R&D projects focused on the protection of financially Critical Infrastructures. Provide "CI level monitoring, notification andmitigation" middleware as an FIP essential element. CoMiFin aimsat supporting business continuity of a financial actor on top of anunmanaged network of managed financial infrastructures under allforeseeable failure scenarios including the operational failures anddeliberate breaches. Technology developed byCoMiFin fits well into the overall holistic approach behind FIP.	Jun. 2010 / Fev. 2011	ELSAG Datamat Spa (IT) Subdi. Finnemeccanica Genova,	IBM - Tel Aviv (Israel), Waterford Institute of Technology - Waterford (IR), Minist. dell Economia e Finanze - Rome (IT), Univers. Modena - Modena (IT), TU Darmstadt (DE), Finanzdepartmentet - Oslo (NO), OptXware Kutatás-Fejlesztési Kft - Budapest (HU), Consorzio Interuniversitario Nazionale per l'Informatica - Rome (IT)	Financially Critical Infrastructures, International Cooperation, failure scenarios, holistic approach,	Critical infrastructure protection,
COMMONSENSE	REA (614155)	http://www.fp7projectcommonsense.eu/	Call 2010.1.3-3 CP Detection	Development of a Common Sensor Platform for the Detection of IED "Bomb Factories"; EU funds 3,404,935: Developing a multivariate sensing platform that detects manufacturing facilities for improvised explosive devices. Making headway in creation & demonstration of this network of sensors through development of novel materials, portable sensors, wireless communications network	Jan. 2011 / Dec. 2013	Tyndall-UCC Univers. College Cork , National Univ. of IE - Cork (IE)	Alphasense Ltd - Braintree (UK), BAM Bundesanstalt für Materialforschung - Berlin (DE), PSNI Police Service of Northern Ireland - Dublin (IE), SensL Technologies Ltd - Cork (IE), Technion - Haifa (Israel), Thales - Paris (F), Univers. Manchester - Manchester (UK),	Detection of IED "Bomb Factories", Explosives	E,
COMPOSITE	ENTR (241918)	http://composite-project.eu/	Call 2009-1 CP Preparedness	COmparative POlice Studies In The Eu, EU fund 6,623,303: Delivers comparative strategic analysis of strengths, weaknesses, opportunities & threats for police organizations in 10 EU countries & best practices to meet current & future challenges, comparative analysis of planning & execution of change processes, toolbox containing instruments for training & consultancy .	Aug. 2010 / Jul. 2014	Erasmus Univers. (NL) - Rotterdam	Univers. Babes Bolyai - Cluj-Napoca (RO), Formit - Rome (IT), Masarykova Univ. - Brno (CZ), Univers. Utrecht (NL), Capgemini - Paris (F), FhG Institute for Applied Information Technology - Sankt Augustin (DE), Politie Academie - Amsterdam (NL), Univers. St.Kliment Ohridski - (CZ), Fachhochschule der Polizei, Oranienburg (DE), Univers. Antwerpen (BE), CNRS - Paris (F), Univers. Sheffield (UK), Univers. Durham - Durham (UK), ESADE Law & Business	Comparative strategic analysis, strategic analysis,	Crisis,
CONCORDE	REA (285266)	Site to be built	Call 2013-1 CP Prevention	Development of Coordination Mechanisms During Different Kinds of Emergencies; EU funds 3,378,212: Mass casualty incidents or medical surges to healthcare systems has always been present. While variety of incidents may necessitate emergency response, different types of such incidents (natural disasters, explosions, humanitarian crises, others) mean different framework for responders. COncORDE will develop a Decision Support System (DSS) to improve preparedness & interoperability of medical services during emergency which affects health of population at local, regional or cross-border level. It will incorporate existing operational assets related to security, trust, infrastructure & leverage them within DSS.	Apr. 2014 / Apr. 2017	Cambridge University Hospitals NHS Foundation Trust (UK) - Cambridge	Crisis Training - Elverum (NO), Elliniki omada diasosis - Athens (GR), Esri Portugal - Sistemas e Informação Geografica - Lisboa (PT), European Dynamics - Athens (GR), Global Security Intelligence Ltd - London (UK), Inovamais - Porto (PT), Koç University - Istambul (TR), DEMOKRITOS - Athens (GR), AISBL - Brussels (BE), SIVECO Romania SA - Bucharest (RO), Stichting Crisislab - Renswoude (NL), VTT - Espoo (FI), University of Cyprus - Nicosia (CY),	Surveying EU external borders, Decision Support System, preparedness & interoperability of medical services during an emergency	Crisis,

Project	Code	URL	Call	Start/End	Coordinator	Partners	Description	Category
CONPHIRMER	REA (261670)	http://www.conphirmer.eu/	Call 2010.1.3-2 CP Detection	Counterfeit Pharmaceuticals Interception using Radiofrequency Methods in Realtime; EU funds 2,634,489: Create portable and easy-to-use sensor for telling genuine medicines from fakes, which customs officers & other agents of law enforcement can use without having to remove medicines from their packaging. With this device agencies charged with tackling growing menace of trafficking in counterfeit medicines will be able to screen packaged pharmaceuticals at EU borders & airports quickly & accurately, using non-invasive & non-destructive technology that uses only harmless radio waves.	Apr. 2011 / Jun. 2014	King's College London (UK) - London	French German Research Institute of Saint-Louis (France /Germany) - Saint-Louis (F/DE), Univers. Ljubljana - Ljubljana (SI), Jožef Stefan International Postgraduate School - Ljubljana (SI), University of Lund - Lundt (SE), Rapiscan Systems Ltd - Redhill near London (UK), Polish Customs Service - Warzaw (PL).	Crime, radio waves, Pharmaceuticals Interception	Detection B
CONSORTIS	ENTR (312745)	http://virtual.vtt.fi/virtual/consorti/index.htm	Call 2012.3.4-5 CP Detection	Concealed Objects Stand-Off Real-Time Imaging for Security; EU fund 3,953,449: Develop a demonstrator for stand-off real-time concealed object detection for future implementations of high throughput security screening for EU mass-transit markets & infrastructure security. Technological approach will incorporate multi-frequency passive submillimetre-wave video camera, coupled with active 340 GHz 3D imaging radar system. Automatic Anomaly Detection algorithms will be developed in order to improve automation, to mitigate privacy issues. It will undergo end-user demonstration at a EU airport.	Jan. 2014 / Fev. 2017	VTT (FI) - Espoo near Helsinki	TU Delft (NL), Innovasec - Malvern near Gloucester Ltd (UK), Wasa Millimeter Wave AB - Göteborg (SE), FOI - Stockholm (SE), Asqella Oy - Helsinki (FI), ST Andrews Univers. near Dundee (UK), Gotmic AB - Göteborg (SE), Universität Tübingen - Tübingen near Stuttgart (DE), Rapiscan Systems Ltd - Stoke-on-Trent near Newcastle (UK), Finavia Oyj - Vantaa near Helsinki (FI),	Detection, boarder, multi-frequency passive submillimetre-wave video camera, European airport.	CBRN detection
CONTAIN	ENTR (261679)	http://www.containproject.com/	Call 2010-1 Demo Prevention	Container Security Advanced Information Networking; EU fund 10,044,904: Demonstrating EU Shipping Containers Surveillance system which will encompass regulatory, policy & standardisation recommendations, new business models & advanced container security management capabilities. Demonstrate Secure Multimodal Corridor Design, Chain Monitoring & Control across intern. & EU corridors. Cornerstones include: •Upgraded Container Monitoring Solutions (permanent & reliable localisation & information on the integrity & content of containers); •Situational Awareness Support Platform that facilitate development of innovative, configurable, highly automated distributed information management applications guaranteeing & safeguarding information chain on container movements at sea & land; •CONTAIN Decision Support Services that exploit extended container monitoring & tracking information to optimise container transport related processes both in terms of security performance, efficiency, quality of container transport services.	Oct. 2011 / Mar. 2015	FOI (SE) - Stockholm	BMT Group - Teddington near London(UK), Conceptivity - Meyrin near Geneve (CH), INLECOM Systems - London (UK),Consorzio IB Innovation - Bologna (IT), JRC - Ispra (IT), Selex- Rome (IT),Thales - Addlestone near London (UK), Telespazio TPZ - Rome (IT), Marlo - Marlo (NO), Novacom - Toulouse (F), VTT - Espoo (FI), MJC2 - Crowthorne near London (UK), eBOS Technologies - Nicosie (CY), European Organisation for Security - Brussels (BE), Valencia Port Authority - Valencia (ES), Italian customs and excise department - Rome (IT), Sogemar SpA - Milano (IT),	Container security Communication and Information Security, Surveillance system, Cooperate with Cassandra Project	Security, Boarder, Transport
COPE	REA (217854)	http://cope.vtt.fi/	Call 2007-4.3-01 CP Response	Common Operational Picture Exploitation; EU funds 2,535,049: It will integrate COTS solutions, novel technologies to achieve a step change in information flow both from & to first responder in order to increase situational awareness across agencies & at all levels of command chain. Goal achieved by: • identification evaluation, screening, selection of a set of different technologies adequate for first responder work; • in-depth analysis of requirements for building the COPE innovative solutions; • Several development activities in adapting technologies; • intensive Human Factors effort in regarding end-users' input in all processes of technology development & verification, in trial exercise design, validation. • integration of all components into demonstrator "System of Systems" & setup of large scenario based mixed live, tabletop type trial exercise.	Fev. 2008 / Jan. 2011	VTT (FI) - Helsinki	BAE Systems, United Kingdom - Farnborough (UK), BAE Systems C-ITS - Stockholm(SE), University of Dublin, Trinity College (IE), UTI Group - Bucarest (RO), GMV - Lisboa (PT), Centre for European Security Strategies CESS - München (DE), IGSU, General Inspectorate for Emergency Situations - Bucarest (RO), ESC, Emergency Services College - Kuopio (FI),	Emergency response management command and control performance, information flow, Restoring security and safety in case of crisis,	Crisis
COPRA	ENTR (261651)	http://www.copra-project.eu/	Call 2010-1 CSA Preparedness	Comprehensive European Approach to the Protection of Civil Aviation; EU fund 986,382: COPRA aims to answer 2 questions: - How does the threat situation in civil aviation evolve in the future, taking into account both existing and new technologies and proliferation? - Which opportunities arise from the development and proliferation of new technologies and security procedures to overcome the current complex and expensive security situation and to enable sustainable growth for the future? Optimal balance between security, privacy, public acceptability, mobility and costs (ideas on how to increase flexibility and resilience of the whole aviation system against threats. http://www.copra-project.eu/Results_files/COPRA_Roadmap	Sept. 2011 / Fev. 2013	FhG EMI (DE) - Freiburg	European Business School - Frankfurt am Main (DE), TNO-Delft (NL), Airbus SAS - Blagnac near Toulouse (F), Fraport AG Frankfurt - Frankfurt am Main (DE), European Organisation for Security - Brussels (BE), Smiths Heiman Gmbh - Wiesbaden (DE), Koninklijke Luchtvaart - Amstelveen (NL), CEA - Paris (F), Univers. Ljubliani - Ljubliana (SI), Morpho - Paris (F),	Protection of Civil Aviation, COPRA Aviation Security Research Roadmap,	Crisis

Acronym	REA	URL	Call	Description	Dates	Lead	Partners	Theme	Category
CORE	REA (603993)	http://www.coreproject.eu/	Call 2013.2.4-1 IP Protection	Consistently Optimised Resilient Secure Global Supply-Chains; EU funds 29,254,829: CORE will consolidate, amplify, demonstrate EU knowledge, capabilities, international co-operation for securing supply chains whilst maintaining or improving business performance, with specific reference to key Supply Chain Corridors. Driven by: • Customs, law enforcement authorities, other agencies nationally & internationally to increase effectiveness of security & trade compliance, without increasing transaction costs for business & to increase co-operative security risk management (supervision & control); • business communities, specifically shippers, forwarders, terminal operators, carriers, financial stakeholders to integrate compliance & trade facilitation concepts like green lanes, pre-clearance with supply chain visibility, optimisation. It will consolidate solutions developed in each supply chain sector (port, container, air, post). Implementation-driven R&D will be undertaken designed to discover gaps, practical problems & to develop capabilities, solutions that could deliver sizable, sustainable progress in supply chain security across all EU MS & on global scale.	June 2014 / April 2018	European Shippers' Council ESC (BE) - Brussels	70 partners: Advanced Track & Trace SA - Paris (FR), A.P. Moller - Mærsk A/S - Copenhagen (DK), ATOS - Madrid (ES), BAP Logistics Ltd - Suffolk near Ipswich (UK), BMT Group Ltd - Teddington (UK), Brimatech Services Gmbh - Wien (AT), KEMEA - Athens (GR), Clecat - Brussels (BE), CLMS - London (UK), Conceptivity Sarl - Meyrin near Geneva (CH), CONEX SA - Orchies (FR), Consortium IB Innovation IBI - Bologna (IT), FloraHolland - Aalsmeer (NL), Cross-border Research Association - Lausanne (CH), Center for Security Studies CSS - Zürich (CH), dbh Logistics IT AG - Bremen (DE), Douane Tax and Customs Administration - DJ Heerlen (NL), Descartes Systems - Lier (BE), DHL Spain - Madrid (ES), eBOS Technologies Ltd - Strovolos (CY), Enide Solutions SL - Sant Andreu de la Barca (ES), European Intermodal Association EIA - Brussels (BE), European Organisation for Security EOS SCRL - Brussels (BE), Fundacion Zaragoza Logistics Centre - Zaragoza (ES), Georgia Tech - Atlanta (US), HM Revenue and Customs HMRC - London (UK), Icontrol Networks - Redwood City (US), Inlecom Systems Ltd - London (UK), Instytut Logistyki i Magazynowania - Warszawa (PL), Intrasoft International SA - Luxembourg (LU), IRU International Road Transport Union - Brussels (BE), Italian Ministry of Infrastructure and Transports MIT - Rome (IT), JRC - Brussels (BE), Logistics without Paper - Hoorn (NL), Logit One - Geel (BE), Maritime Cargo Processing plc -Felixstowe (UK), Metro Shipping Ltd - Birmingham (UK), Ministère de l'Ecologie, du Développement durable et de l'Energie - Paris (F), Ministerie van Financien Directoraat Belastingdienst - Den Haag (NL), Ministerie van Financien Directoraat Belastingdienst - Den Haag (NL), MJC2 Ltd - Crowthorne (UK), TNO - Delft (NL), Portic Barcelona SA - Barcelona (ES), Procter & Gamble Co - Brussels (BE), Seabridge NV - Zeebrugge (BE), Seacon Venlo Expeditie BV - Venlo (NL), Security Projects Ltd - Rainham (UK), Senator fuer Wirtschaft und Haefen Bremen - Bremen (DE), SERVICE PUBLIC FEDERAL FINANCES (BE), Smiths Detection - Watford (UK), Sunwell Technologies Inc - Woodbridge near Toronto (CA), TU Delft (NL), TU Eindhoven (NL), Telespazio TPZ - Rome (IT), Terminal Maritima - Zaragoza	Supply Chain,	Security
COREPOL	REA (285166)	http://www.corepol.eu/	Call 2011-1 CP Preparedness	Conflict Resolution, Mediation and Restorative Justice and the Policing of Ethnic Minorities in Germany, Austria and Hungary; EU funds 1,429,681: 1.To provide a basis for coordinated research activities in area of police-minority relations using comparative method of data analysis; Findings will further police science research in this crucial area of peace building as part of democratic process within Eu societies. 2.To address practical issue of effective dissemination of research findings to improve police-minority interaction making use of realm of police tertiary education, in-service staff training but also involving other agencies including NGOs. 3.To serve as principal network for practice oriented dissemination of RJ strategies, peace building in conflict zone of police & minorities. In police education, this concerns CEPOL course curricula & material, curricula for similar influential target groups, civil & public sector agencies.	Jan. 2012 / Dec. 2014	Deutschen Hochschule der Polizei (DE) - Münster	Sicherheitsakademie (SIAK), Federal Ministry of the Interior (Austria), Wien (AT), Institut für Rechts- und Kriminalsoziologie (IRKS), Wien (AT), Police College (RTF), Hungarian Ministry of Interior, Budapest (HU), European Research Services GmbH, Münster (DE),	Conflict Resolution, Ethics Justice, Ethnic Minorities in Germany, Austria and Hungary	Ethics, Justice, Crime,
COSMIC	REA (312737)	www.cosmic-project.eu	Call 2012.6.1-3 CSA Preparedness	COntribution of Social Media In Crisis management; EU funds 997,040: Role of social networks in mitigation of consequences of crises & disasters; COSMIC will deliver set of instructions, recommendations, best practices related to exploitation of social media in emergency situations. This will be done by addressing, analysing roles of major stakeholders associated with crisis management & by reviewing their communication needs, infrastructure bottlenecks & security priorities during disasters.	Apr. 2013 / Mar. 2015	European Dynamics Advanced Systems of Telecommunications, Informatics & Telematics SA (GR) - Athens	Trilateral Research & Consulting - London (UK), Safety region South Holland South and Crisislab - Radboud University Nijmegen - Nijmegen (NL), Koç University - Istanbul (TR), Hellenic Rescue Team - THESSALONIKI (GR), Public Safety Communication Europe (BE).	Citizens Media Security, social networks,	Crisis
COUNTERFOG	REA (312804)	In building	Call 2012.4.4-2 CP Response	Device For Large Scale Fog Decontamination ; EU funds 3,471,992: to develope Fog-based Large Scale Decontamination System for use in large facilites & open-air conditions. It will be new, rapid response system for collapsing all kinds of dispersed agents (smoke, fog, spores...) by using a fog made of solution that could eventually contain any kind of neutralizing component. It will be permanent installation in large public buildings like railway stations but also portable COUNTERFOG for use outdoors, used to counteract CBRN attack in its earliest stages. It will use the same "weapon" as CBRN attack: dispersed state with large surface/volume ratio.	Nov. 2013 / Oct. 2017	University Carlos III (SE) - Madrid	University of Strathclyde - Glasgow (UK), VOP CZ Military Research Institute Division of Chem., Biolog. Radiolog.Nuclear Protection CBRNP - Brno (CZ), Univers. Del Alcala - Madrid (ES), Institute of Inorganic Chemistry - Prague (CZ), Institute of Solid State Physics BAS - Sofia (BG), Consilium Marine & Safety AB - Göteborg (SE), Asociación Europea de Ferroviarios - Madrid (ES), CIEMAT - Madrid (ES), BPE E.K.- Eckental (DE),	Counteract a CBRN attack, rapid response system for collapsing all kinds of dispersed agents,	CBRN
COURAGE	REA (607949)	http://www.courage-project.eu/	Call 2013-1 CSA Preparedness	Cybercrime and CyberterrOrism (E/)Ur)opeanResearch AGENda; EU funds 1,294,426: Will deliver a measured, comprehensive, relevant research agenda for Cyber Crime and Cyber Terrorism. It builds on three pillars, namely:-a user centric methodology, to identify gaps, challenges and barriers based on real-world needs and experiences; an analytical and semantic approach, to deliver a taxonomy and create a common understanding; market oriented approach, to foster practical implementations of counter-measures using effective test and validation solutions. This agenda will be elaborated through a progressive and collaborative approach, consolidating contributions from the legislative, law enforcement, research and industrial communities.	May 2014 / Apr. 2017	Engineering Ingegneria Informatica S.p.A (IT) - Roma	Aconite Internet Solutions Ltd - Dublin (IE), Conceptivity Sarl - Meyrin near Genève (CH), Cybercrime Research Institute GmbH - Cologne (DE), EOS European Organisation for Security SCRL - Brussels (BE), FhG (DE), Jožef Stefan Institute - (SI) - Cyber Investigations Training Academy - Sofia (BG), TNO - The Hague (NL), Paweł Walentynowicz - Warsaw (PL), Police and Crime Commissioner for West Yorkshire - Wakefield (UK), Selex - Rome (IT), Univers. Sheffield Hallam - Sheffield (UK), Stichting Katholieke Universiteit Brabant Tilburg - Tilburg (NL), Thales - Paris (F), FOI - Stockholm (SE), Unicri - Turin (IT),	Cyber, security of citizens and critical infrastructures, support crime investigators, gaps, taxonomy, agenda,	Crisis, Cyber

Acronym	Agency (ID)	URL	Call	Description	Dates	Coordinator	Partners	Tools/Keywords	Category
CPSI	REA (217881)	http://cpsi-fp7.eu/	Call 2007-6.1-01 CP Preparedness	Changing perceptions of security and interventions; EU funds 2,165,637: To provide governments & related organizations with a methodology to increase insight into determinants of actual & perceived security, into which interventions are effective for increasing security. Deliverables of this project represent practical and ready-to-use tools, which can be employed by policy makers, other end-users, to formulate policy regarding security. Develop: - a conceptual model of actual and perceived security & their determinants, - methodology to collect, quantify, organize, analyse, interpret security-related data, - data warehouse to store & extract for analysis data amassed using the methodology, - carry out a validation study	Apr. 2008 / Mar. 2010	TNO (NL) - Delft	Univers. of Kent - Canterbury (UK),Sigmund Freud Privatuniversitat Wien - Wien (AT),VLC Projects BV - De Meern (NL), WWEDU World Wide Education - Wels (AT), Sogeti Nederland B.V. - Vianen (NL),Temis SA - Paris (F), FOI - Stockholm (SE), JRC - Brussels (BE), Sociaal-en-cultureel-planbureau - The Hague (NL)	Citizen, Media, tools, Methodology, data warehouse,	Crisis
CREATIF	ENTR (217922)	http://www.creatif-network.eu	Call 2007-1 CP Detection	CBRNE related testing and certification facilities; EU fund 831,279: Networking strategy to strengthen cooperation, knowledge exchange within EU. CREATIF, network of testing facilities for security related products & services focused to CBRNE detection will be established. This network is dedicated to provide a communication platform for technology users & decision makers.	Jan. 2009 / Jul. 2011	Seibersdorf Labor GmbH - Seibersdorf (AT),	Cotecna Inspection S.A. - Genève (CH), Minist. De la Défense DGA - Paris (F), TNO - Delft (NL), FOI - Stockholm (SE),	Networking, testing and certification facilities;	CBRNE
CRESCENDO	REA (234344)	http://www.crescendo-project.org/	Call 2007-7.0 02 CSA Preparedness	Coordination action on Risks, Evolution of threatS and context assessment by an Enlarged Network for r&D rOadmap; EU funds 499,523: Create real EU security market & strengthen EU competitiveness by closing the loop between academia, industry, SMEs & users, supporting work of EU ESRIF. Objectives: - Enlarged security network (public stakeholders, industries, SMEs, RTOs, think tanks & academia) - Deeper analysis of environment: Evolution of societal security (threats, risks), Policies, regulation & standardization analysis to define processes for harmonized, ubiquitous, clear, regulations, policies & standards - Recommendations for Comprehensive Innovation Process for identifying best structure for security supply chain, i.e. EU MS Security & Technological Industrial Base (STIB) - Strategic R&D Roadmap supporting EC, ESRIF working groups & EU MS - Consolidation & recommendations for future dev. & acquisition programmes at EU & national	Jul. 2009 / Juln 2011	CEA (F) - France	59 partners from 13 countries, . EADS - Paris (F), Thales - Paris (F), Istituto Affari Internazionali - Rome (IT), FhG (DE), STIFTELSEN SINTEF - Trondheim (NO), VTT - Espoo (FI), European Materials Research Society - Strasbourg (F), European Biometric Forum Ltd - Dublin (IE), FOI - Stocholm (SE), Association Française de Normalisation - Paris (F), JRC - Brussels (BE), AIT - Wien (AT), Tecnalia - Bilbao (ES), FRS - Paris (F), Finmeccanica - Rome (IT), Minist. de l'Intérieur - Paris (F), Center for Security Studies - Athens (GR), Morpho - Paris (F), EADS Astrium - Paris (F), Österreichisches Forschungs- und Prüfzentrum Arsenal Ges.mbh - Wien (AT), Kurumu (Tubitak) - Istambul (TR),	Roadmap, European security market, Cranfield University - (UK),	CBRNE
CRIM-TRACK	ENTR (313202)	http://www.crimtrack.eu/	Call 2012-1 CP Detection	Sensor system for detection of criminal chemical substances; EU fund 3583940: Demonstrate a working sensing device, developed into portable, miniaturized, automated, rapid, low cost, highly sensitive, & simple "sniffer" & detection unit, based on disposable micro-colorimetric chip. Unit can be used for identification of wide variety of illegal drugs, drug precursors, home-made explosives. It combines highly advanced disciplines, as organic chemistry, micro fabrication, hardware technology, machine learning & signal processing techniques. It will provide custom officers, police & other authorities with an effective tool to control trafficking of illegal drugs, drug precursors.	Jan. 2014 / Dec. 2017	Danish Emergency Management Agency (DK) - Copenhagen	DTU Nanotech & Informatics - Lyngby (DK), Cranfield University - Shrivenham (UK), Securetec Gmbh - Neubiberg (DE), Pro Design Electronic Gmbh - Bruckmühl near Munich (DE), Gammadata Instruments - Uppsala (SE), Belastingdienst (Dutch Customs) - Rotterdam (NL), Mykolas Romeris University - Vilnius (LT),	Sensor system for detection of criminal chemical,	B, C, E Detection
CRISALIS	ENTR (285477)	http://www.crisalis-project.eu/	Call 2011.2.5-1 CP Protection	CRitical Infrastructure Security AnaLysIS; EU fund 3,426,387: CRISALIS project aims at providing new means to secure CI environments from targeted attacks, carried out by resourceful & motivated individuals. It focus on 2 different interlinked, use cases typical for power grid infrastructure: control systems based on SCADA protocols & Advanced Metering Infra structure. Pursuing 3 main research objectives: (i) Providing new methodologies & techniques to secure CI systems; (ii) Providing new tools to detect intrusions; (iii) Developing new, more effective, techniques to analyse infected systems.	May 2012 / Avr. 2015	Symantec Ltd (IE) - Dublin	Twente Univers. - Twente (NL), Liander NV - Arnhem (NL), Siemens - Muenchen (D), Security Matters BV -Enschede (NL), Enel - Rome (IT), Eurecom - Sophia Antipolis near Nice (F), Chalmers Tekniska Högskola AB - Göteborg (SE)	Critical infrastructure Security , SCADA protocols,	Crisis, Cis
CRISCOMSCORE	REA (217889)	http://www.crisiscommunication.fi/criscomscore/	Call 2007-6.1-03 CP Protection	Developing a crisis communication scorecard; EU funds 799,174: Approach is integrative as it connects tasks of communication with crisis management & provides quality criteria for crisis communication. Tool can be used in 2 ways: - Preparation, is suitable for assessing crisis preparedness of organisation and its communication plan. This pre-crisis evaluation takes place alongside annual strategy development process - Evaluate crisis exercise or to reflect on real-life performance after emergency situation. Second phase concerns Warning & Crisis response when situation is at its peak, whereas the last phase, Reconstruction & Evaluation, concerns actions when situation has calmed down.	Feb. 2008 / Apr. 2011	Univers. of Jyväskylä, Finla (FI) - Yliopisto	University of Tartu - Tartu (EE), Ben Gurion University of The Negev - Beer Sheva (Israel), Norwegian University of Science & Technology - Trondheim (NO), Emergency Services College - Kuopio (FI)	Citizen, Media, Communication strategies of public authorities,	Crisis
CRISIS	REA (242474)	http://idc.mdx.ac.uk/projects/crisis/	Call 2009-4.3-03 CP Prevention	CRitical Incident management training System using an Interactive Simulation environment, EU funds 3,495,612: CRISIS using an Interactive Simulated Environment) is developing a train-on-demand simulation platform, which adapts advance video games technology to train first responders & crisis managers. CRISIS will support both collocated & distributed training across different emergency service organisations. Reconfiguration and Re-purpose: Airports to Stadiums.	Oct. 2010 / Oct. 2013	Middlesex University - London (UK),	National Aerospace Laboratory - Amsterdam (NL), E-Semble - Delft (NL), ObjectSecurity - Cambridge (OS), Space Applications Services - Zaventem near Brussels (BE), VSL Systems - Linköping (SE), Linköping University - Linköping (SE), Haskoli Island (University of Iceland - Reykjavík (IS Iceland), AE Solutions - Badsey (UK), ANA, Aeroportos de Portugal - Lisboa (PT), British Transport Police BTP - London (UK), ISAVIA - Reykjavík (Iceland),	Training, Interactive Simulation environment, real-time cue recognition diagnosis, planning under uncertainty & stress, team coordination and human interoperability, Restoring security and safety in case of crisis	Crisis

Acronym	Agency (ID)	Website	Call	Description	Dates	Coordinator	Partners	Focus	Tags
CRISMA	REA (284552)	http://www.crismaproject.eu/	Call 2011.4.1-1 IP Prevention	Modelling crisis management for improved action and preparedness; EU funds 10,107,160: CRISMA shall develop a simulation-based decision support system, for modelling crisis management, improved action & preparedness. It shall facilitate simulation, modelling of realistic crisis scenarios, possible response actions, impacts of crisis depending on both external factors driving crisis development & various actions of crisis management team.	Mar. 2012 / Aug. 2015	VTT (FI) - Espoo near Helsinki	FhG IAO - Stutgartt (DE), AIT - Wien (AT), Analisi e Monitorraggio del Rischio Ambientale- Napoli (IT), Association for the Development of Industrial Aerodynamics - Coimbra (PT), Tallinn University of Technology - Tallinn (EE), NICE Systems Ltd - Haifa (Israel), EADS Cassidian - Paris (F), Insta DefSec - Tampere (FI), Spacebel SA - Liège (BE), Cismet Gmbh - Saarbrücken (DE), Pelastusopisto Emergency Services College - Kuopio (FI), Magen David Adom - Tel Aviv (Israel), Public Safety Communication Europe Forum - Brussels (BE), Finnish Meteorological Institute - Helsinki (FI), Deutsches Rotes Kreuz - Berlin (DE), Artelia Eau & Environnement - Lyon (F),	Simulation-based decision support system, for modelling crisis management, Restoring security and safety in case of crisis,	Crisis
CRISP	REA (607941)	In Building	Call 2013.5.4-1 CP Preparedness	Evaluation and certification schemes for security products; EU funds 2,213,041: CRISP will enhance existing security evaluation, certification schemes by offering innovative evaluation methodology that integrates security, trust, efficiency, freedom infringement assessment dimensions. Facilitating harmonised playing field for EU security industry by developing robust methodology for security product certification. Enhance existing security evaluation, certification schemes by offering innovative evaluation methodology that integrates security, trust, efficiency, freedom infringement assessment dimensions. Based on a taxonomy encompassing variety of security products & services across applications, will take into account varying roles of diverse stakeholder community including manufacturers, regulatory & certification bodies, data protection authorities, end users & engage with each group to gather insights to help avoid acceptance problems that challenge current schemes.	Avr. 2014 / Mar. 2017	Nederlands Normalisatie-instituut NEN (NL) - Delft	Trilateral Research & Consulting - London (UK), Information Commissioner of the Republic of Slovenia - Ljubljana (SI), IRKS RESEARCH GMBH (AT), Techn. Univers. - Berlin (DE), Universitat Jaume I de Castellón - Castellón near Valencia (ES), Vrije Univers. - Brussel (BE),	Standardisation, certification schemes, taxonomy,	Security, Concepts
CRISYS	REA (261682)	www.crisys-project.eu	Call 2010.4.1-1 CSA Response	Critical Response in Security and Safety Emergencies; EU funds 740,945: Roadmap building capable of full implementation to show specific demonstration actions whilst establishing contacts & awareness with main public & private stakeholders. CRISYS links approaches, technical solutions, procedures, & standards that exist in civil protection field, which can be extremely fragmented at national, local level, to permit fast, adequate response to natural & manmade threats.	Fev. 2011 / May 2012	EOS EUROPEAN ORGANISATION FOR SECURITYSCRL (BE) - Bruxelles	Indra Sistemas SA - Madrid (ES), Thales - Pais (F), Edisoft SA - Paço de Arcos (PT), Center for Security Studies KEMEA - Athens (GR), Demokritos - Athens (GR), Altran BV - Amsterdam (NL), Teletron TLT - Elmas (IT), Ministry of Interior / Department for Rescue Services FMOI - Helsinki (FI), Univers. of Central Lancashire UCL - Preston (UK), Société française de médecine de catastrophe SFMC - Paris (F), Istituto Affari Internazionali (IAI) - Rome (IT), Zanasi Alessandro (ZAN) - Modena (IT), Transelectrica (TRA) - Bucarest (RO), CTIF - International Association of Fire and Rescue Services - Stockholm (SE),	Roadmap to demonstrate a better disaster response, Aftermath Crisis Management, Restoring security and safety in case of crisis,	Crisis
CUSTOM	REA (242387)	http://custom-project.eu/site/index.php	Call 2009-1.3-02 CP Detection	Drugs and Precursor Sensing by Complementing Low Cost Multiple Techniques; EU funds 3,486,406: Aims to perform chemical identifications in custom offices, inspection of trucks, cars, containers, people & baggage. The 2 complementary technologies are Laser Photo Acoustic Spectroscopy & UV induced Fluorescence.	Jun. 2010 / Nov 2013	SELEX (IT) - Florence	ENEA - Rome (IT), Technalia - Bilbao (ES), Gasera Ltd - Turku (FI), Turku University - Turku (FI), INSTM Istituto Nazionale Scienza e Tecnologie dei Materiali - Modena (IT), CNR Italian National Research Council - Napoli (IT), Alcatel Thales III-V Lab - Palaiseau, near Paris (F), Aalto University Foundation - Helsinki (FI), Direction Nationale du Renseignement et des Enquêtes Douanières - Paris (F),	Boarder, Drugs and Precursor Sensing, Laser Spectroscopy & UV Fluorescence,	B, C
CWIT	REA (312605)	http://www.cwitproject.eu/	Call 2012.2.2-1 CSA Preparedness	Countering WEEE Illegal Trade; EU funds 1,868,303: Collect, identify gaps in current legislation in place at International & EU level such as EC Directives on hazardous substances in products placed on market in EU: - Directive on Waste Electrical Electronic Equipment WEEE Directive 2012-19 - Directive on Restriction of Use of Certain Hazardous Substances in Electrical & Electronic Equipment RoHS Directive 2011-65-EU - Regulation 1013-2006 on Shipments of Waste. CWIT will: - analyse involvement of organized crime in WEEE global distribution; - analyse criminal activity & crime types with illegal WEEE shipments, draw on other work being carried out targeting illegal e-waste exports on international scale; - estimate true volume of WEEE generated & amounts inappropriately; - assess typology of companies involved in export market, identifying those with criminal history; - develop detailed understanding of destinations & routes used to carry illegal shipments, to possibly enable contacts with regulators &	Sept. 2013 / Aug. 2015	Interpol International Criminal Police Organisation (F) - Lyon	Compliance & Risks - Cork (IE), Cross-Border Research Association - Lausanne (CH), United Nations Interregional Crime and Justice Research Institute UNICRI - New York (US), United Nations University UNU Japan - Tokyo (JP), WEEE Forum headquarters - Brussels (BE), Zanasi & Partners - Modena (IT),	Cyber, Waste Electrical Electronic Equipment, Illegal Trade,	Ethics, Justice, Crime,
CYBERROAD	REA (607642)	http://www.cyberroad-project.eu/	Call 2013.2.5-1 CSA Preparedness	Development of the Cybercrime and Cyber-terrorism Reseach Roadmap ; EU funds 1,289,764: This roadmap will be built through an in-depth analysis of all technological, social, legal, ethical, political, economic aspects rooted. Roadmap achieved by co-ordinating efforts along 3 key directions: •Technology •Society •Cybercrime, cyber-terrorism Workplan includes all required milestones, deliverables required to monitor the progress of CyberROAD activities, to measure achievement of expected results.	Jun. 2014 / May. 2016	Univers. Degli Studi di Cagliari (IT) - Sardegna	Demokritos - Athens (GR), TU Darmstadt - Darmstadt (DE), Secure Business Austria II (SBA II) - Wien (AT), INDRA Sistemas.- Madrid (ES), Royal Holloway University of London Egham (UK), CEFRIEL, Società consortile a Responsabilità Limitata - Milano (IT), McAfee UK Limited - Berkshire (UK), Eidgenössisches Departement für Verteidigung, Ministério da Justiça - Lisboa (PT), Bevölkerungsschutz und Sport VBS - Berne (CH), Foundation for Research and Technology - Iraklio (GR),INOV - INESC Inovação Instituto de Novas Tecnologias - Lisboa (PT), Ivarx Ltd - Hove (UK),Ministry of National Defense - Athens (GR),Naukowa i Akademicka Sieć Komputerowa - Warszawie (PL), Poste Italiane - Rome (IT), Proprs - London Ltd. (UK), Scuola universitaria professionale della Svizzera italiana (SUPSI) - Lugano (CH), Security Matters BV - Eindhoven (NL), Vitrociset spa - Rome (IT),	Developing a Cyber crime and cyber terrorism research agenda , Energy Grids	Cyber
DARIUS	REA (284851)	http://www.darius-fp7.eu/	Call 2011.4.2-2 CP Response	Deployable SAR Integrated Chain with Unmanned Systems; EU funds 7,475,830: DARIUS will develop solutions to adapt unmanned systems to SAR operations needs & constraints. Integration Project: system of systems, system, platforms, sensors, communications. At system level, solutions designed by DARIUS will be mobile or at least transportable.	Apr. 2012 / Fev. 2015	BAE Systems (Operations) Ltd (UK) - Rochester near London	EADS Cassidian - Paris (F), DFRC AG - Zug (CH), Skytech Ltd - Dublin (IE), ECA - Toulon (F), SINTEF - Trondheim (NO), Univers. Athens (NTUA) - Athens (GR), Future Intelligence Ltd - Athens (GR), TELINT - London (UK), ONERA - Paris (F), Center for Security Studies KEMEA - Athens (GR), European Society for Disaster and Emergency Medicine (EUSDEM) - Brussels (BE), National Maritime College of Ireland (NMCI) - Cork (IE), CEREN - Gardanne near Marseille (F),	Unmanned aircraft, search and rescue, DARIUS cooperation with AIRBEAM and ICARUS projects, Restoring security and safety in case of crisis,	Security, Boarder, Transport

Acronym	Agency	URL	Call	Description	Dates	Coordinator	Partners	Keywords	Keywords
D-BOX	REA (284996)	http://www.d-boxproject.eu/	Call 2011.1.3-3 CP Prevention	Demining tool-BOX for humanitarian clearing of large scale area from anti-personal landmines and cluster munitions; EU funds 6,898,085: D-BOX tackles the burning issue of anti-personal landmines & cluster munitions remaining from armed conflicts. It will provide Demining stakeholders with innovative, "easy to use" & low cost solutions interfaced and/or integrated in comprehensive toolbox. It could be used during all demining activities to help operators & end users chose most suitable answer for optimal planning &preparation to low cost tools for specific tasks during different steps of demining activities adapted for varying scenarios, conditions.	Jan. 2013 / Dec. 2015	EADS ASTRIUM SAS (F) - Paris	e-GEOS SPA - Matera (IT), University of Leicester - Leicester (UK), VTT - Espoo (FI), Univers. of Surrey - Guildford (UK), TNO - The Hague (NL), Telespazio - Rome (IT), Terra Spatium SA - Athens (GR), Selex - Rome (IT), RadioLabs - Rome (IT), Institute of Security Technologies MORATEX - Lodz (PL), Infoterra Ltd - Leicester (UK), FhG EMI, ILT, IME, INT, IOSB (DE), FOI - Stockholm (SE), Univers. of Technology - Delft (NL), CNIT Consorzio Nazionale Interuniversitario per le Telecomunicazioni - Parma (IT), CEN - Brussels (BE),	Explosives, Demining tool-BOX, anti-personal landmines & cluster munitions,	E,
DECOTESSC1	ENTR (242294)	http://www.decotessc1.eu/	Call 2009-1.1-02 CSA Preparedness	DEmonstration of COunterTErrorism System-of-Systems against CBRNE phase 1; EU fund 1001627 Thorough understanding of the system-of-systems' structure will be developed, requirements for ideal system will be proposed as well as description of current state-of-art, in order to fill gaps a strategic roadmap: involving stakeholders (workshops, meetings).	Apr. 2010 / Jun 2011	TNO (NL) - The Hague	FhG ICT & INT (DE), Technalia - Bilbao (ES), CEA - Paris (F), CEIS - Paris (F), VTT - Espoo (FI), Seibersdorf labor - Seibersdorf (AT), JRC - Brussels (BE), AIT - Wien (AT), FOI - Stockholm (SE),	Gap analysis, system-of-systems structure , Strategic roadmap, Restoring security and safety in case of crisis,	CBRNE
DEMASST	ENTR (218264)	http://www.demasst.eu	Call 2007-2.1-01 CP Preparedness	Security of critical infrastructures related to mass transportation; EU fund 956,558: Facilitate protection of EU citizens, property & infrastructure against threats of terrorism, crime, riots, by automatic detection of abnormal human behaviour by extracting characterizations in realistic security settings based on expert classifications, analysis of CCTV operator behaviour. Algorithms detecting pre-defined threat behaviours with accurate & robust detection, data from audio, video sensors. Tested on real-time evaluation platform on large-scale events (football arena), & critical infrastructure (airports)	Aug. 2009 / Jul. 2013	FOI (SE) - Stockholm	Ansaldo STS - Genova (IT), TIFSA - Madrid (ES), Stiftelsen Sintef - Trondheim (NO), CEA - Paris (F), Tecnalia - San Sebastian (ES), TNO - Delft (NL), Diehl - Uberlingen (DE), Thales - Paris (F), EADS Astrium - Paris (F), FFI - Kjeller (NO),	CIs Security, mass transportation, threats of terrorism, Algorithms detecting pre-defined threat, real-time evaluation platform,	Security, CIs, Boarder, Transport
DESSI	REA (261718)	http://www.ist-world.org/ProjectDetails.aspx?ProjectId=7d8f2af6ea4f4c6f800709ec0edc3f7a	Call 2010.6.3-3 CP Preparedness	Decision Support on Security Investment; EU funds 1,561,095: DESSI provided decision support system to end users of security investments. System gives insight into pros & cons of specific security investments. It contributes to transparent & participatory decision making that accounts for context & multi-dimensionality of society. It is useful for public authorities, developers of security solutions, commercial enterprises & for social organizations that can use DESSI tool to make their own comprehensive assessment as input to strategic discussions or public debate.	Jan. 2011 / Jun. 2013	Fonden Teknologirådet (DK) - Copenhagen	Danish Board of Technology VSFB - Copenhagen (DK), Verein für sozialwissenschaftliche Forschung und Beratung e.V. VSFB - München (DE), Oesterreichische Akademie der Wissenschaften OeAW - Wien (AT) , Peace Research Institute PRIO - Oslo (NO), Norwegian Board of Technology NBT - Oslo (NO),	Decision Support on Security Investment, comprehensive assessment , Civilian use of drones for search and rescue,	Security, Concepts
DESTRIERO	REA (312721)	http://www.destriero-fp7.eu/	Call 2012.4.3-1 CP Recovery	DEcision Support Tool for Reconstruction and recovery and for the IntEroperability of international Relief units in case Of complex crises situations, including CBRN contamination risks; EU funds 2,933,015: Developing next generation post-crisis needs assessment tool for reconstruction & recovery planning, including structural damage assessment through advanced remote sensing enriched by in-field data collection by mobile devices (buildings, bridges, dams) & related data integration, analysis, based on internat. standards, novel (automated) data & information interoperability across organisations, systems, in combination with advanced multi-criteria decision analysis tool, methodology for multi-stakeholder information analyses, priority setting, decision making & recovery planning. Earth observation images will contribute to fast damage assessment, monitoring areas, with data acquired by relief units on field using novel smart-phone apps. Identified needs will be recorded, stored, made available to all organisations involved. Coordination & collaborative work at all levels of organisations will be possible through a network centric approach for interoperability of information, service & decision support tool. CIs recovery will be considered with priority, as essential for recovery of social & economic aspects (roads, bridges, schools, hospitals, plants...), CBRN contamination, humanitarian aspects will be taken into consideration, as aggravating circumstances, while support to accountability of humanitarian aid contributions will be	Sept. 2013 / Aug. 2016	E-Geos Spa (IT) - Rome	Consorzio Interuniversitario Nazionale per l'Informatica - Rome (IT), Thales - Paris (F), Amper Programas de Electronica y Comunicaciones - Madrid (ES), Universidad Politécnica de Valencia - Valencia (ES), FhG IAO - Stuttgart (DE), Asociacion de Empresas Tecnologicas Innovalia - Bilbao (ES), Selex ES Spa Sesm - Rome Napoli (IT), ITTI Sp - Poznań (PL), Saadian Technologies Limited - Dublin (IE), AMI International Medical Assistance Foundation - Lisboa (PT), Police Service of Northern Ireland (PSNI) - Dublin (IE), Slozkola Glowna Sluzby Pozarniczej - Warszawa (PL),	Post-crisis needs assessment tool for reconstruction and recovery planning	CBRN
DESURBS	REA (261652)	http://www.desurbs.net/	Call 2010.2.3-1 CP Preparedness	Designing Safer Urban Spaces; EU funds 3,208,549: Results will be an internet portal with functionality to identify weak spots & to contribute to design of more robust & resilient spaces. This includes: 1. urban space security cases database; 2. integrated security resilience (ISR) design framework; 3. Comprehensive & generic supporting tools & methodologies, including urban resilient design guidelines, quantitative risk, vulnerability assessment methods to facilitate qualitative ISR assessment process.	Jan. 2011 / Dec. 2014	Research Management AS (NO) - Trondheim	Loughborough University - Leicester (UK), Univers. of Birmingham (UK), Hebrew University of Jerusalem (Israel), Technical University of Crete - Chania (GR), CIMME Centre Internacional de Metodes Numerics en Enginyeria - Barcelona (Spain), University of Southampton (UK), Bezalel Academy of Arts and Design - Jerusalem (Israel),	Design, Planning, Urban, Technology for safer crowded spaces	Security, Concepts, CIs,
DETECTER	REA (217862)	http://www.detecter.bham.ac.uk/	Call 2007-6.5-01 CP Detection	Detection technologies, terrorism, ethics and human rights; EU funds 1,869,684: DETECTER aims at increasing compliance of counter-terrorism with human rights & ethical standards in rapidly changing field of detection technologies. It addresses increasingly international character of counter-terrorism, increasing use of informal mechanisms for altering law-enforcement practice to meet threat of terrorism, great variety of detection technologies & their uses. Need for human rights standards to be informed by dialogue with both manufacturers of detection technology & law-enforcement officials directly involved with counter-terrorism using this technology & influence development of products. It combines applied ethical & legal research with this dialogue in order to affect design & use of products, to make ethical, legal research better informed, to innovate.	Dec. 2008 / Jan. 2012	University of Birmingham (UK)	Åbo Akademi University - Abo (FI), Danish Institute for Human Rights - Copenhagen (DK), European University Institute - Firenze (Italy), Norwegian Centre for Human Rights - Oslo (NO), Nottingham University (UK), Raoul Wallenberg Institute of Human Rights and Humanitarian Law - Lund (SE).	Detection technologies, Ethics & Justice	Ethics, Legal in Detection,

DIRAC	REA (242309)	http://www.fp7-dirac.eu/	Call 2009-1.3-02 & 04 CP Detection	rapid screening and identification of illegal Drugs by IR Absorption spectroscopy and gas Chromatography; EU funds 2,985,507: Development of a point sensor to be used by customs and police officers in their daily fight against trafficking of illicit drugs, suitable in particular to detect and identify amphetamines and their precursors. Requirements: -Very compact (size of a hand-luggage) - Capable to analyze both trace and bulk material - Capable to treat both volatile and non-volatile material Identification capacity superior to commercial sensors based on IMS Technology: Analysis and recognition based on Infrared Absorption Spectroscopy, with QCL as laser source and hollow fibers as miniaturized optical cells. Separation and pre-concentration make use of silicon micromachined devices	Jun. 2010 / Mar. 2014	Consorzio C.R.E.O. Electro-Optics Research Center (IT) L'Aquila near Pescara	FhG IPM - Freiburg (DE), CNR IMM Consiglio Nazionale delle Ricerche - Rome (IT), EADS IW - Ottobrunn (DE), SELEX ES - Rome (IT), Univers. of Lausanne (CH), Univers. of Galati - Galati (RO), NICC - Brussels (BE), NBI National Bureau of Investigation- Vantaa (FI), Elsag Datamat - Genova (IT),	Detection of illicit substances, Border check	B, C
DISASTER	REA (285069)	http://disaster-fp7.eu/	Call 2011.5.3-2 CP Preparedness	Data Interoperability Solution At STakeholders Emergency Reaction, EU funds 2,783,970: Consolidation of current EMS & limitations of their data exchanged formats offer significant problems to be solved in any solution proposing information inter-operability & understanding between heterogeneous Emergency Management Systems (EMS) located in different countries, & operating within different contexts. 2 step solution: 1. Development of common modular ontology shared by all stakeholders proposed to offer best solution to gather all stakeholders knowledge in unique, flexible data model, taking into account different countries cultural, linguistic, legal issues. 2. Most legacy EMS are based on Service-Oriented-Architectures SOA (Geographic Inform. Syst.), interoperability information burden will be addressed by means of transparent SOA mediation algorithms compliant with current data formats & existing solutions.	Feb. 2012 / Jan. 2015	Treelogic - Madrid (ES)	Cologne University of Applied Sciences (DE), Fundación CTIC - Gijón (ES), Danish Institute of Fire and Security Technology - Hvidovre (DK), Aimtech consulting ltd - Leeds (UK), Veiligheidsregio kennemerland - Haarlem (NL), antwortING Ingenieurbüro Weber Schütte Käser Partnerschaft- Köln (DE),	STakeholders Emergency Reaction, information inter-operability & understanding between heterogeneous Emergency Management Systems (EMS),	Security, Concepts,
DITAC	REA (285036)	http://www.ditac.info	Call 2011.7.6-1 CP Response	Disaster Training Curriculum; EU funds 3,498,668: Develop "Disaster Training curriculum" for first responders & strategic crisis managers dealing with international crises. It will develop a standardised comprehensive & efficient EU-wide approach to crises & disasters. DITAC Curriculum will address key challenges for management of disaster incidents. Training programme designed around response to international crisis which will be accessible to pertinent organisations in EU. Improve preparedness, availability of trained personnel by providing common language, objectives, tools.	Feb. 2012 / Jan. 2015	University Clinic of Bonn UKB (DE),	Hanover Associates Ltd - Teddington near London (UK), Pre-hospital and Disaster Medicine Centre PKMC - Gothenburg (SE), University of Eastern Piedmont CRIMEDIM-UPO - Novara (IT), Clinical Emergency Hospital Bucharest - Bucharest (RO), Nations Health Career School of Management gmbh NHCS - Hennigsdorf (DE), General and Teaching Hospital Celje (SI), Istanbul Aydin University AFAM - Istanbul (TR), Croatian urgent medicine and surgery association - Slavonski Brod (HR), Deutsches Zentrum für Luft- und Raumfahrt DLR ZKI - Wessling (DE), GABO:mi Gesellschaft für Ablauforganisation :milliarium mbh - Munich (DE), Bonn International Center for Conversion BICC - Bonn (DE), Global Risk Forum GRF Davos - Davos (CH)	Disaster Training Curriculum, international crisis management, first responders & strategic crisis managers,	Crisis
DITSEF	REA (225404)	www.ditsef.eu	Call ICT-SEC-2007-1.0-04 CP Detection	Digital and innovative technologies for security and efficiency of first responders operation; EU funds 2,798,517: Aims at increasing effectiveness & safety of First Responders (FR) by optimal information gathering, sharing with their command levels. Provide: - Self-organising, robust ad-hoc communications where existing infrastructure may be compromised, allowing communication between FRs & their command level. - Accurate novel 3D positioning in indoor environments. - Sensors that offer reliable overview of the situation & of potential threats (expl., chem., fire ...) - Enhanced vision for FRs in visually-impaired conditions, through ingenious & unprecedented HMIs consisting of sensor-based visual elements, showing spatial features & thermal imagery overlaid on direct perception of FRs.	Feb. 2010 / Mar. 2013	SAGEM (F) - Paris	TNO - Delft (NL), EADS Defence and Security - Paris (F), KEMEA - Athens (GR), CEA (leti & list) - Paris (F), Elsag Datamat - Genova (IT), Demokritos NCSR - Athens (GR), Infitheon Technologies - Athens (GR), T-SOFT - Praha (CZ), Ministry of Emergency Situations MES- TDCP - Sofia (BG),	First responder operations,	Crisis, E, C
DOGGIES	ENTR (285446)	http://www.fp7-doggies.eu	Call 2011.3.4-2 CP Detection	Detection of Olfactory traces by orthoGonal Gas identification technologIES; EU fund 3,499,966: Deployment of practical efficient means to detect hidden persons, illegal substances at border crossing points is instrumental in avoiding terrorism, human trafficking or smuggling.It aims at demonstrating (1) operational movable stand alone sensor for efficient detection of hidden persons, drugs & explosives, (2) potential adaptation of this solution for detection of much wider range of illegal substances. It addresses trace detection by combination of 2 technologies: - Mid-Infrared spectroscopy technology, - Ion mobility spectrometry (IMS) technology, Main operational challenges is to provide reliable detection in real environments, in particular with the presence of interferents.	Jun. 2012 / May 2015	III V Lab GIE (F) - Paris	Consorzio Interuniversitario Nazionale Scienza Tecnologie Materialil - Firenze (IT), Thales - Koropi (GR), Minist. Intérieur Police Scientifique - Paris (F), Leibniz-Institut für. Analytische Wissenschaften ISAS - Dortmund (DE), AEA S.R.L. - Angeli di Rosora (IT), Univers. Athens - Athens (GR), CEA - Paris (F), G.A.S. Analytischesensorsysteme mbh - Dortmund (DE), Center for Security Studies KEMEA - Athens (GR), Consiglio Nazionale delle Ricerche - Rome (IT), Gasera Oy - Turku (FI),	Detect hidden persons & illegal substances at border crossing points, drugs & explosives	B, C, E

Acronym	Agency (Grant)	Website	Call	Description	Duration	Coordinator	Partners	Output	Theme
DRIVER	REA (607798)	Under construction	Call 2013-1 IP Prevention	DRiving InnoVation in crisis management for European Resilience; EU funds 33,468,209: DRIVER s demonstration project focusing on augmenting rather than replacing existing crisis management (CM) capabilities, will aim at producing comprehensive, well-balanced, cost-effective Portfolio of CM tools exploiting high potential RTD work from last decade.Aims at 2 main dimensions: - Firstly, development of a pan-EU test-bed enabling testing & iterative refinement of new crisis management (CM) solutions & facilitating capability development through provision of respective methodologies & infrastructure; - secondly, at actual development of Portfolio of Tools that improves crisis management at MS &EU level. DRIVER will carry out experimentation campaigns in three strands: tools and methods for responders, resilience of civil society and learning by both. The intra-strand experimentation leads into two Joint Experiment campaigns and a Final Demo focusing on challenges requiring highly complex interaction between CM tools	Jun. 2014 / Mar. 2019	Atos SA (ES) - Madrid	37 organisations; Fraunhofer INT - Euskiirchen, FOI - Stockholm (SE), Frequentis - Wien (AT), Edisoft - Porto (PT), Thales - Paris (F), GMV Aerospace & Defence SA - Madrid (ES), Isdefe - Madrid (ES), Ecorys Nederland BV - Rotterdam (NL), Austrian Red Cross - Wien (AT), Red Cross - Berlin (DE), Red Cross - København (DK), British Red Cross - London (UK), Magen David Adom (Israel), SDIS13 Pole Risque EPLFM - Aix en Provence (F), Armines - Paris (F), JRC - Brussels (BE), ITTI - Poznan (PL), TNO - Delft (NL), Centre for Irish & European Security Ltd - Dublin (IE), CITET Centro Innovación Tecnológica Logística - Madrid (ES), DLR ZKI - Wessling (DE), DIN German Institute Standardization - Berlin (DE), Disaster Waste Recovery - London (UK), E-Semble - Delft (NL), EOS - Brussels (BE), AIT - Wien (AT), European Union Satellite Centre SATCEN - Torrejón de Ardoz (ES), HKV Consultancy - Lelystad (NL), Institute Information & Communication Technologies - Sofia (BG), MSB - Karlstad (SE), PRIO Peace Research Institute - Oslo (NO), Public Safety Communication Europe Forum - Brussels (BE), Q4PR Ltd - Dublin (IE), THG- City of the Hague (NL), Westfälische Wilhelms- Universität Münster - Münster (Germany), Universität IAT - Stuttgart (DE), FOI - Stockholm (SE), Technisches Hilfswerk THW - Bonn (DE).	CM crisis management capabilities, Portfolio of CM tools,	Crisis
ECOSSIAN	REA (607577)	http://ecossian.eu/news	Call 2013.2.5-3 -1 IP Preparedness	European COntrol System Security Incident Analysis Network; EU funds 9,224,459: A prototype system will be developed which facilitates preventive functions like: - Threat monitoring - Early indicator and real threat detection - Alerting - Support of threat mitigation - Disaster management. Advanced technologies need to be integrated, including fast data aggregation & fusion, visualization of the situation, planning & decision support, flexible networks for information sharing coordination support, connection of local operations centres. Factors of societal perception and appreciation, the existing & required legal framework, questions of information security & implications on privacy will be analyzed, assessed and regarded in the concept. The system will be tested,	Jun. 2014 / May 2017	Technikon Forschungs- und Planungsgesellschaft mbH, Austria (AT) - Villach	EADS Deutschland Gmbh - Ottobruhn (DE), Bord Gais - Cork (IE), AIT Austrian Institute of Technology Gmbh - Seibeldorf near Wien (AT), FhG - Münich (DE), Alma Mater Studiorum University of Bologna- Bologna (IT), EADS Cassidian - Paris (F), Inesc Instituto de novas tecnologias - Lisboa (PT), Rede Ferroviaria Nacional - Lisboa (PT), Policia Judiciária PJ - Lisboa (PT), Espion Ltd - Dublin (IE), VTT - Espoo (FI), Katholieke Universiteit - Leuven (BE), Bertin IT - Paris (F), Institut für Automation Kommunikation - Magdeburg (DE), Poste Italiane - Rome (IT), CESS GmbH Centre for European Security Strategies - München (DE), EADS UK Ltd - London (UK),	Network, Cis, Scada, preventive functions, Control System,	Crisis, Cis
E-CRIME	REA (607775)	http://ecrime-project.eu/	Call 2013.2.5-2 CP Preparedness	Economic impacts of Cybercrime; EU funds 3,004,780: Analyses economic impact of cyber crime & develops concrete measures to manage risks & deter cyber criminals in non-ICT sectors. First detailed taxonomy, inventory of cyber crime & analyses cyber criminal structures & economies, Second assess existing counter-measures, best practices, awareness & trust initiatives. Third develop a multi-level model to measure the economic impact of cyber crime on non ICT-sectors, Fourth integrate all its previous findings to identify, develop concrete counter-measures, combined in portfolios of inter-sector & intra-sector solutions, including enhancement for crime-proofed applications, risk management tools, policy & best practices, trust & confidence measures	Avr. 2014 / Mar. 2017	Trilateral Research & Consulting Llp (UK) - London	Global Cyber Security Center - Roma (IT), Ipsos BE - Waterloo (BE), University of Groningen RUG - Groningen (NL), Tallinn University of Technology - Tallinn (EE), TU Delft (NL), Interpol - Lyon (FR), Univers. of Warwick - Warwick (UK), Univers. Lausanne (CH), Univers. Westfälische Wilhelms Münster - Münster (DE),	Economic impacts of Cybercrime, multi-level model to measure the economic impact, taxonomy,	Security
EDEN	ENTR (313037)	http://www.eden-security-fp7.eu/	Call 2012-1.5.1 CP Demo Response	End-user driven DEmo for cbrNe; EU fund 24,766,823: A Toolbox of Toolboxes: i.e. ability to integrate already existing Tools and Toolboxes, to upgrade them, develop new tools & propose a comprehensive larger approach. •Covering preparedness, crisis response and recovery phases •Involving more stakeholders: •Users: public organisations, first responders, large operators, media & population, •Suppliers and SMEs with additional functions •User restricted forum and networks, •Scientific expertise & networks, •Market place	Sept. 2013 / Sep. 2016	Bae Systems (UK) - Farnborough near London	EADS Astrium - Paris (F), Ainia - Valencia (ES), Astri Polska - Warszawa (PL), Bruker - Coventry (UK), CBRNE Centre UMU - Umea (SE), CBRNE Ltd - Ashford (UK), Centre for Science, Society & Citizenship CSSC - Rome (IT), ENEA - Rome (IT), EU-VRI - Stuttgart (DE), FRS - Paris (F), FhG EMI - Freiburg (DE), FhG ICT - Karlsruhe (DE), FhG INT - Euskiirchen near Bonn (DE), Hotzone - Den Haag (NL), Indra Systemas - Madrid (ES), Ineris - Verneuil near Paris (F), Univers. of the Basque Country UPV/EHU - Leioa (ES), Istituto Affari Internazionali IAI - Rome (IT), Ldiamon - Tartu (EE), LDI Innovation - Talinn (EE), Polish Fire Services SGSP - Warszawa (PL), MDA Magen David Adom - Tel Aviv (IL), Microfluidic MIC - Jena (DE), Norwegian Defence Research Establishment FFI - Kjeller (NO), Nucletudes - Paris (F), Omnidata - Bucarest (RO), PIAP - Warszawa (PL), Robert Koch RKI - Berlin (DE), SAMU - Paris (F), SELEX ES - Rome (IT), SICPA - Prilly (CH), Space Research Center SRC - Warszawa (PL), Tecnoalimenti TCA - Milan (IT), Univers. Cattolica del Sacro Cuore - Milan (IT), UCL - Brussels (BE), Univers. of Reading - Reading (UK), VTT - Espoo (FI),	Toolbox of Toolboxes:,	CBRN
EFFISEC	ENTR (217991)	www.effisec.eu	Call 22007-3.2-03 CP Detection	Efficient Integrated Security Checkpoints; Eu fund 10,034,837: Illegal immigration & illicit material detection is a growing concern at EU borders; in that respect border security checkpoints must be efficient against any kind of threat: airport checkpoints controls.EFFISEC is to deliver to border authorities more efficient technological equipment that provides higher security level of identity, luggage control of pedestrians, passengers inside vehicles, at land & maritime checkpoints. It will maintain the flow of people crossing borders & will improve work conditions of border inspectors, with more powerful capabilities, less repetitive tasks, more ergonomic equipment.	May 2009 / Jan 2014	Morpho (F) - Paris	JRC - Brussels (BE), CNRS - Paris (F), Reading Univ - Reading (UK), Sagem - Paris (F), Thales - Paris (F), Selex Galileo Avionica - Firenze (IT), Elsag Datamat - Genova (IT), Smiths Heimann - Wiesbaden (DE), Sociedad Europea de Analisis Diferencial de Movilidad - Madrid (ES), VTT - Espoo (FI), FOI - Stockholm (SE), Minist. Interior - Bucarest (RO), Secalliance SI - Albi (F), Microwave Characterization Center MIC - Villeneuve d'Ascq (F), Porto de Lisboa (PT),	Border security, material detection, checkpoints	Security, Boarder, Transport

EKSISTENZ	REA (607049)	under negotiation	Call 2013.1.1-2 CP Protection	Fight against Identity Theft; RU funds 3,482,175: Today's identity can take various forms, as primary identity delivered by M.S. (passport, ID card, driving license...) but more in "2.0" world (secondary identity for banking, administration, professional, commercial activities...). Similarly identity theft can take various forms, from stealing citizens' paper documents, or using digital means. It is to protect EU citizens' identities from all current threats. It will study in deep identity theft phenomenon in EU, revealing flaws in different "paper-based" procedures also in new dematerialized processes, assess threat for citizen, will develop technological components, backward compatible. Bring together different types of users involved in identity chain (authorities, industrials, stakeholders, businesses), technology providers, data protection experts. It will recommend updates to EU regulations to clearly inform, protect, propose responses & increase its resilience.	Jun. 2014 / May 2017	Morpho (F) - Paris	Agenzia per l'Italia Digitale IgID - Rome (IT), Bundesdruckerei GmbH - Berlin (DE), DPA SIA Latvia - Riga (LV), Public Safety Communication EU Forum AISBL - Brussels (BE), Interactif Delta Productions - Paris (F), Institute of Baltic Studies - Tartu (EE), Katholieke Universiteit - Leuven (BE), Ministry of the Interior of the Republic of Latvia - Riga (LV), TNO - Delft (NL), Patrick Wajsbrot Consultants - Paris (F), Univers. Juan CARLOS III - Madrid (ES),	Managing cyber crime, economic impact, taxonomy, counter-measures,	Ethics, Justice, Crime,
ELASSTIC	REA (312632)	http://www.elasstic.eu/	Call 2012.2.1-1 CP Prevention	Enhanced Large scale Architecture with Safety and Security Technologies and special Information Capabilities; EU funds 3,472,071: It improves security and resilience of large scale multi functional building complexes to natural & man-made disasters by providing a methodology and tools from the early design & planning phase of such projects: 1) Comprehensive approach for designing safe, secure, resilient large scale built infrastructures (housing, shopping centre, transport node, business centre & entertainment centre), 2) Set of tools for architects to assess safety, security, resilience of designs, 3) Coupling & integration of tools into Building Information Modelling (BIM), 4) Smart reinforced building elements, 5) Coupling & integration of BIM, 6) Real time information on safety, security, resilience of infrastructure. Validation. ELASSTIC complex will be secure & resilient to disasters, designed to ensure fast & efficient evacuation in case of a disaster at the final design stage.	May 2013 / May 2016	TNO (NL) - The Hague	FhG EMI - Freiburg (DE), Siemens AG - München (DE), Schüßler-Plan Ingenieurgesellschaft MBH - SP - Düsseldorf (DE), Arcadis Nederland BV - Arnhem (NL), Instituto Consultativo para el Desarrollo SL Incode - Seville (ES), North by Northwest Architectes Sarl - Paris (F), Uniresearch BV - Delft (NL), JA Joubert Architecture - Rotterdam (NL),	Security & resilience, Large scale multifunctional building complexes, Natural & man-made disasters,	Security, CIPs,
ELITE	REA (312497)	http://elite-eu.org/	Call 2012-1 CSA Response OK	Elicite to Learn Crucial Post-Crisis Lessons; EU funds 940,418: ELITE CoP is assembled around a web solution comprising repository of best practices & guidelines, social media features. Knowledge management experts is to secure best acquisition, categorisation, analysis of tacit, fragmented knowledge acquired by crisis management responders, ensure best practice insights. It uses holistic method that addresses all relevant phases of major crises along with their systemic relationships. After ELITE's project period, living document is targeted as Wikipedia-like solution so as to attract & serve whole spectrum of end-users & crisis decision makers in EU. It will identify major remaining gaps & recommendations.	Jan. 2013 / Jun. 2014	Universidad de Navarra (TECNUN) - San Sebastián (ES),	Austrian Red Cross - Wien (AT), Norwegian Defence Research Establishment FFI - Kjeller (NO), Gjøvik University College - Gjøvik (NO), I.S.A.R. Germany - Duisburg (DE), Thales - Paris (F), Main Shool of Fire Service - Warsawa (PL), Consiglio Nazionale delle Ricerche - Rome (IT), ANCI Umbria - Rome (IT),	Post-Crisis lessons, best practices, Responders,	Crisis
EMERGENT	REA (608352.)	http://www.fp7-emergent.eu/	Call 2013.6.1-1 CP Preparedness	Emergency Management in Social Media Generation; EU funds 3,331,184: To understand positive & negative impact of social media in emergencies in order to: •enhance safety, security of citizens before, during & after emergencies, •strengthen role of EU companies supplying services & products related to EmerGent's results. Ad-hoc communities are built through existing social media channels, often not connected at all or weakly to emergency management services. Systematic research project concerning effective identification, integration of valuable, reliable information from social media into emergency management needed. 5 objectives: 1.Analyse impact that social media have on citizen, emergency management in all its phases. 2. Show positive impact that gathering, qualifying, mining and routing information from social media have on emergencies management. 3.Identify the requirements for implementing, evaluating novel methods & tools for integrating social media in emergency manag. 4.Provide professionals & public with guidelines for social media use in emergencies. 5.Clarify potential for exploitation of social media in emergencies. See @COSMIC_FP7 @FORTRESS_EU @ELSIIscram.	Apr. 2014 / Apr. 2017	University of Paderborn - Paderborn near Dortmund (DE),	Intelligence for Environment and Security IES Solutions - Rome (IT), Oxford Computer Consultants - Oxford (UK), University of Siegen - Siegen (DE), Tavistock Institute of Human Relations - London (UK), Western Norway Research Institute - Sogndal (NO), Federation of the European Union Fire Officer Associations - Luxembourg (LU), European Emergency Number Association - Brussels (BE), Fire Department of Dortmund - Dortmund (DE), Scientific and Research Centre for Fire Protection - Warsawa (PL),	Social media during emergencies,	Crisis
EMILI	ENTR (242438)	http://emili-project.eu	Call 2009-4.3-03 CP Protection	Emergency Management in Large Infrastructures; EU fund 3,139,228: New generation of data management & control systems for large Infrastructures (CIs) including appropriate simulation & training capabilities. Adaptation of today s control systems to new challenges (need new generation of control systems), their methodology & technology. it brings together leading research groups in operational & data management, complex event processing, reactivity, knowledge representation, SCADA with industrial partners offering use cases & know-how for SCADA in airports, public transport, power grids. It will strengthen EU research in CI emergency management, expanding it with focus on event-based, executable knowledge, transfer it into cross of vital socio-economic relevance.	Janv. 2010 / Dec. 2012	FhG IAIS - Sankt Augustin (DE),	Skytec AG - Unterfohring (DE), ASIT - Bern (CH), Stichting Centrum voor Wiskunde en Informatica CWI - Amsterdam (NL), Aplicaciones en Informática Avanzada AIA - Barcelona (ES), Ludwig-Maximilians University Munich - Munich (DE), Institute Mihailo Pupin - Belgrade (Serbia), RS	Emergency Management in Large Infrastructures	Security, CIPs,

Project	Type (ID)	URL	Call	Description	Dates	Coordinator	Partners	Summary	Category
EMPHASIS	ENTR (261381)	http://www.foi.se/	Call 2010.1.3-3 CP Detection	Explosive Material Production (Hidden) Agile Search and Intelligence System; EU fund 3,406,050: Develop system for detecting ongoing illicit production of explosives & improvised explosive devices (IEDs) in urban areas. Area sensors, strategically positioned, for monitoring of explosives or precursors to explosives. Static sensors, positioned in sewer, for monitoring of sewage for indicative traces. Detectors will be connected in network. Intention is to cover large area that can be reduced step by step into narrower areas due to positive alert. For final verification stand-off detectors in equipped mobile units will be used to pinpoint location of production factory.	Oct 2011 / Sep 2015	FOI (SE) - Stockholm	TNO - Delft (NL), CNRS - Paris (F), FhG (D), Police Scientifique - Paris (F), Cascade Technologies - Glasgow (UK), Vigo syst. - Warsaw (PL), Portendo AB - Stockholm (SE), Morpho - Paris (F),	Detecting illicit production of explosives & IEDs, urban areas,	E,
ENCOUNTER	ENTR (285505)	http://www.foi.se/	Call 2011-1 CP Preparedness	Explosive Neutralisation and Mitigation Countermeasures for IEDs in Urban/Civil Environment; EU fund 3,313,630: It will describe the practices, tools and procedures for neutralising (N) or mitigating (M) the effects of IEDs and how to respond appropriately and effectively to the threat in the urban environment. N/M technologies will be assessed in relation to the threat and their effectiveness in dealing with the various scenarios that EOD bodies and police units address. The capability to review and evaluate the various technologies in relation to the concept of operation (CONOP) of the EOD bodies and the police units operating in urban environment will be developed.	May 2012 / Jun. 2015	FOI (SE) - Stockholm	FhG EMI - Freiburg (DE), CNRS - Paris (F), Blastech Ltd BLT - Sheffield (UK), Univers. Sheffield (UK), Isdefe - Madrid (ES), Tamar Israeli Advanced Quarrying Ltd - Caesarea (Israel), Albert-Ludwigs-Univers. Freiburg (DE),	Explosive Neutralisation, IEDs in Urban/Civil Environment, practices, tools, procedures,	E,
EPISECC	REA (607078)	https://www.episecc.eu/	Call 2013-1 CP Preparedness	Establish Pan-European Information Space to Enhance seCurity of Citizens, EU funds 3,764,547: In disaster situation 3 things contribute to success: having right resource available in shortest time, with highest relevance & at right location. Access to necessary information, communication with other rescuers, & stakeholders as well as availability of resources are key factors in minimizing damage & loss of life.	Jun. 2014 / May 2017	AIT (AT) - Seibersdorf near Wien	Cassidian Finland Oy - Helsingfors (FI), Cassidian Sas - Paris (F), Deutsche Zentrum für Luft- und Raumfahrt e.V. DLR - Berlin (DE), Frequentis AG - Wien (AT), Intelligence for Environment & Security - IES Solutions Srl -Rome (IT), HW Communications Ltd HWC - Lancaster (UK), HITEC Luxembourg SA - Hollerech (LU), Katholieke Universiteit Leuven - Leuven (BE), Public Safety Communication EU Forum AISBL - Brussels (BE), University of Split - Split (HR), TU Graz - Graz (AT), TETRA MoU Association - Newcastle (UK),	Data interoperability for PPDR users in EU, Security of Citziens, communication, resources,	Crisis
EPOOLICE	ENTR (312651)	https://www.epoolice.eu/	Call 2012.6.3-1 CP Detection	early Pursuit against Organized crime using envirOnmental scanning, the Law and IntelligenCE systems; EU fund 3,493,810: Aims at developing an efficient effective environmental scanning system as part of an early warning system for detection of emerging organised crime threats. It will support LEAs (Law and IntelligenCE systems): to scan environment to feed new & emerging threats into serious & organised crime threat assessment processes to map changes that impact security of EU MS to enable strategic decision makers to counter balance detected upcoming threats before they materialize by using feedback from analysts to distillate, propose new indicators / signals & adjust its warning / alert levels discovering & proposing new sources to be scanned evaluating importance of sources; more effective information providing into foresight to fight all sorts of organised crime providing better under- standing of new & upcoming technologies & trends, leading to strategic planning into security issues.	Jan. 2013 / Dec 2015	ISDEFE (ES) - Madrid	Univers. Aalborg AAU - Aalborg (DK), CEA - Paris (F), Thales - Paris (F), FhG FKIE - Wachtberg near Bonn (DE), Univers. Granada - Granada (ES), Univers. Sheffield Hallam SHU - Sheffield (UK), Inthemis - Montpellier (F), Legind Technologies - Esjbjerg (DK), SAS Software Limited - Marlow (UK), Minister. del Interior MIR-GUCI - Madrid (ES), West Yorkshire Police Authority WYP - Wakefield (UK), UNICRI - Torino (IT), Fachhochschule fur Offentliche Verwaltung und Rechtspflege in Bayern FHVRP - München (DE), Europol - Den Haag (NL), Institutet for Fremtidsforskning Forening CIFS - Copenhagen (DK), Thales - Hengelo Ov (NL),	Early warning system, scanning system, detection, organised crime threats,	Security, Concepts, Crime,
EQUATOX	ENTR (285120)	http://equatox.net/equatox_project/	Call 2011.5.4-1 NoE Detection	Establishment of Quality Assurances for the Detection of Biological Toxins of Potential Bioterrorism Risk; EU fund 1,338,634: By creating a network of experts, the project will help to minimise security & health threats posed by biological toxins. B toxins: ricin, botulinum toxins, staphylococcal enterotoxins, saxitoxin could be used for terrorist attacks on the basis of their availability, ease of preparation, high toxicity and/or lack of medical counter measures. Some of toxins are considered among most relevant agents in the field of bio terrorism. Good practices & critical gaps in detection technology will be identifiedas foundations to harmonise and standardise detection capabilities.	Jan. 2012 / dec. 2014	Robert Koch Inst. (D) - Berlin	JRC - Brussels (BE), Institut Scientifique de Santé Publique - Brussels (BE), University Helsinki - Helsinki (FI), French agency for food - Paris (F), Toxogen Gmbh - Hannover (DE), FOI - Stockholm (SE), Federal Department of Defence SPIEZ - Bern (CH), Switzerland ChemStat - Bern (CH)	Network of experts, Good practices, Critical gaps, Detection technology,	B (100%)
ESC	ENTR (261566)	http://www.globalsecuritychallenge.com/	Call 2010-1 CSA Preparedness	European Security Challenge; EU fund 468,279: Deliver a study about running competition to incentivize EU innovators to take development risk, conceive disruptive technical solutions, raise awareness of security challenges, create new networks of security stakeholders, create sustainable security businesses & raise safety standards for citizens. Deliver 5 scenario packages (containing proposed scenarios, rules, media plans) to EC, based on currently unsolved mission areas.	Mar. 2011 / Nov. 2012	Global Security Challenge LLP (UK) - London	Inst. Josef Stefan - Ljublljana (SL), 3D Communication - Paris (F)	Security businesses, Development risk, conceive disruptive technical solutions, awareness of security challenges,	Security
ESCORTS	REA (218217)	http://www.escortsproject.eu/	Call 2007-7.0-02 CSA Preparedness	European network for the security of control and real-time systems; EU funds 673,603: ESCoRTS is a joint endeavour among EU process industries, utilities, leading manufacturers of control equipment & research institutes to foster progress towards cyber security of control & communication equipment in EU. It will be intersectoral, embracing following industrial fields: power, gas, oil, chemicals and petrochemicals, pharmaceuticals, manufacturing. Key objectives include: - Developing common understanding of industrial needs & requirements regarding security of control systems & related standardisation, accompanied by raising awareness programme. - Identifying, disseminating best practice, possibly in joint endeavour between manufacturers & end users, resulting in joint capability & technology taxonomy of security solutions.	Jun. 2008 / Dec. 2010	CEN European Committee for Standardization (BE) - Brussels	JRC - Brussels (BE), Enginet - Milano (IT), ABB - Baden (CH), Alstom - Paris (F), Siemens - München (DE), Enel Produzione - Rome (IT), Transelectrica - Bucarest (RO), MediterraneadelleAcque - Genova (IT), OPUS publishing - Seal Beach California (US), UNINFO - Torino (IT),	Fostering cyber security, SCADA, Taxonomy of security solutions,	Security, Concepts, Cyber,
ESENET	REA (313013)	http://www.esenet.org/	Call 2012.5.3-2 CSA Preparedness	Emergency Services Europe Network; EU funds 629,266: Main expected results: » An agreed list of user requirements & lesson learnt on all levels of inter operability; » A consolidated network of end users, practitioners, industries willing to leverage quality of Emergency services by identifying area for improvements; » A roadmap for common EU approach to new set of standards & legal framework accommodating needs of emergency services.	Jan. 2013 / Dec. 2014	Intelligence for Environment and Security – IES Solutions (IT) - Roma	European Emergency Number Association EENA ASBL - Brussels (BE), Erupsi Slovakia - Bratislava (SK),	Emergency services, network of end users, practitioners, industries, Roadmap of standards	Crisis

E-SPONDER	REA (242411)	http://www.e-sponder.eu/	Call 2009-4.2-01 CP Protection	A holistic approach towards the development of the first responder of the future; EU funds 8,790,044: E-SPONDER proposes modular terminal & overall open system architecture to facilitate the need for enhanced support provision in all cases. It deals with study, design & implementation of robust platform for provision of specialized ad-hoc services, facilities & support for first responders (FR) that operate at crisis scenes located mainly within critical infrastructures. Modularity is key issue to overall system design whether it refers to mobile / dispersed units of first FRs or back-office applications, systems & services: FR Units (FRU), Mobile Emergency Operations Centre (MEOC), Emergency Operations Centre (EOC), Logistics of FRs, Training of FRs,	Jul. 2010 / Jun. 2014	EXODUS A.E. (GR) - Athens	University of Modena and Reggio Emilia UNIMORE - Modena (IT), CrisisPlan BV - Leiden (NL), Prosyst Software Gmbh - Köln (DE), Immersion SA - Bordeaux (F), Rose Vision - Sesena (ES), Telcordia Poland Sp - Warsaw (PL), Centre Suisse d'Electronique et de Microtechnique S.A.CSEM - Neuchatel (CH), Smartex Srl - Prato (IT), Technische Universität - Dresden (DE), YellowMAP - Karlsruhe (DE), PANOU - Athens (GR), Institute for Information - Taipei (Taiwan), Entente pour la forêt Méditerranée EPLFM - Gardanne (F),	Integrated personal digital support system to support First Responders in crises Satellite based system for crisis manag., Restoring security and safety in case of crisis,	Crisis
ESS	REA (217951)	www.ess-project.eu	Call 2007-4.2-01 IP Response	Emergency support system; EU funds 9,142,126: ESS will integrate several existing front end data collection technologies into unique platform. Development of sensors, requisite accessories. All ESS sensors will comply with IP/IEC 529 standards & to outdoor use specifications. To enable portable sensor to communicate with back-office, porting platform will include communication component which will consist of wireless modem based on WLAN, Wi-MAX or GPRS.ESS portal creates efficient synchronization framework managing data & information flow between different public authorities involved in emergency management operations & crisis managers (Rescue forces, Police, Fire-department, Homeland-security, Municipality...).	Jul. 2009 / Jun. 2013	Verint Systems Ltd (Israel) - Herzliya Pituach	Wind Telecomunicazioni SpA - Rome (IT), International Geospatial Services Institute - Emden (DE), Intergraph CS - Praha (CZ), GMV Sistemas SA - Madrid (ES), Diginext - Aix-en-Provence (F), Fraunhofer Institute IAIS - Sankt Augustin (DE), ITIS Holdings plc.- Altrincham (UK), Algosystems SA - Kallithea (GR), Alcatel-Lucent - Milano (IT), APD Communications Ltd - Milton Keynes (UK), CEREN - Gardane (F), Kemea - Athens (GR), (Imego) Acreo AB - Goeteborg (SE), Magen David Adom - Tel Aviv (Israel), Ernst & Young Ltd - Tel Aviv (Israel), Aeronautics Defense Systems - Yavne (Israel),	Detection, collection sensors, Restoring security and safety in case of crisis,	Crisis
ETCETERA	ENTR (261512)	http://www.etcetera-project.eu/	Call 2010-1 CP Prevention	Evaluation of critical and emerging technologies for the elaboration of a security research agenda; EU fund 1,512,742: Security research planning on EU level aims in 3-fold: 1. develop novel methodologies for future strategic research planning, 2. identify risks & potential benefits associated with Critical Dependencies & Emerging Technologies with security implications, 3. recommend research plans to deal with these risks & potential benefits. Provide solutions, develop methodologies for current problems in strategic security research planning.	Oct 2011 / Nov 2013	FhG INT (DE) - Euskirchen near Bonn	TNO - Delft (NL), Univers. Duisburg (DE), Storstockholms brandförsvar SSBF - Stockholm (SE), FOI - Stockholm (SE), AIT - Wien (AT), Technalia San Sebastian (ES), Ansaldo - Genova (IT), CEA - Paris (F), Isdefe - Madrid (ES), Centre for Science, Society and Citizenship CSSC - Rome (IT), Morpho - Paris (F), VDI-TZ Technologiezentrum GmbH - Düsseldorf (DE), COMSEC Unternehmensgruppe - Köln (DE),	Mapping critical and emerging technologies for a safer future	Security Concept,
ETTIS	REA (285593)	www.ettis-project.eu	CP 2011.6.3-1 Preparedness	European security trends and threats in society; EU funds 2,285,586: Provide means to establish sustainable process of anticipating emerging threats to society & to societal security, to translate them into research priorities. It conducts comprehensive analysis of completed, on-going & planned security research projects. Future threats & needs of security organisations are explored in context & situational scenarios. Identification, assessment of opportunities for enhancing societal security is conducted within context of these scenarios. Options identified are assessed in stakeholder process, aiming to identify collective priorities. Needs, options for policy intervention are explored, with emphasis on EU policy level.	Jan. 2012 / Dec. 2014	Peace Research Institute PRIO (NO) - Oslo	FOI - Stockholm (SE), Den Haag Centrum voor Strategische Studies HCSS - Den Haag (NL), Trilateral Research & Consulting LLP - london (UK), FhG INT - (DE), Centre for IRISH And European Security Ltd CIES - Dublin (IE), AIT - Wien (AT), Morpho - Paris (F), Magen David Adom - Tel Aviv (Israel), Police Service of Northern Ireland PSNI - Dublin (UK),	Scenarios, threats to society and to societal security, needs	Security Concept,
EULER	REA (218133)	http://www.euler-project.eu	Call 2007-4.2-04 CP Response	EUropean software defined radio for WireLEss in joint secuRity operations, EU funds 8,720,692: EULER gathers major players in EU in wireless systems communication integration & software defined radio (SDR),Span following topics: proposal for new high-data-rate waveform for homeland security, strengthening, maturing ongoing efforts in EU in SDR standardisation, implementation of Software defined radio platforms, associated assessment of proposal for high-data-rate waveform for security, realisation of an integrated demonstrator targeted towards end-users.	Mar. 2009 / Apr. 2012	Thales (F) - Paris	EADS DS Cassidian - Paris (F), EADS-Astrium - London (UK), Budapest University of Technology and Economics - Budapest (HU), Elsag Datamat - Genova (IT), Selex - Rome (IT), Telespazio SPA - Rome (IT), Universita di Pisa. - Pisa (IT), Saab - Huskvarna (SE), TNO - Delft (NL), Indra Sistemas SA - Madrid (ES), Rohde & Schwarz gmbh. - München (DE), Center for Wireless Communications, University of Oulu - Oulu (FI), Prismtech Ltd - Gateshead (UK), Interuniversitair Micro-Electronica Centrum VZW IMEC - Leuven (BE), JRC - Brussels (BE), Ecole Superieure d'Electricite - Paris (F), Elektrobit Wireless Communications - Oulu (FI),	Interoperability	Crisis, Security,
EURACOM	REA (225579)	http://www.eos-eu.com/?page=euracom	Call ICT-SEC-2007-1.0-01 CSA Protection	EUropean Risk Assessment and COntingency planning Methodologies for interconnected energy networks; EU funds 833 860 EURACOM addresses issue of protection, resilience of energy supply for EU interconnected energy networks. It is to identify, together with EU Critical Energy Infrastructures operators, common & holistic approach (end-to-end energy supply chain) for risk assessment & management solutions. By establishing links & coherent risk management procedures across energy sectors & EU countries, resilience of critical energy services across the whole (end-to-end') energy infrastructure chain is sought to be increased.	Jul. 2009 / Mar. 2011	European Organisation for Security SCRL (BE) - Bruxelles	Altran - Paris (F), CEA - Paris (F), Edisoft - Caparica (PT), JRC - Brussels (BE), Thales - Paris (F), TNO - Delft (NL),	Protection & resilience of energy supplyrisk assessment & risk management, interconnected energy networks	Crisis, Security,
EUROFORGEN-NOE	REA (2016)	http://www.euroforgen.eu/	Call 2011.7.4-1 NoE Preparedness	EUROPEAN FORENSIC GENETICS Network of Excellence; EU funds 6,613,680: Achieve long lasting cooperation leading to the emergence of a virtual research centre in forensic genetics embedded in the security domain: » To establish a directory of forensic genetics research institutions across Europe; » To identify the processes involved in handling, analyzing forensic genetic evidence from crime scene to courtroom; » To facilitate exchange of information between research institutions, stakeholders and end users; » To integrate research needs and capacities into a sustainable virtual network.	Jan. 2012 / Dec. 2016	Klinikum der Univers. Köln (DE) Köln	Univers. Santiago de Compostela (ES), Norwegian Institute of Public Health - Oslo (NO), Department of Forensic Medicine, University of Copenhagen - Copenhagen (DK), Netherlands Forensic Institute - Den Haag (NL), Innsbruck Medical University - Innsbruck (AT), Norwegian University of Life Sciences - Ås (NO), Northumbria University Centre for Forensic Science - Newcastle (UK), Jagiellonian University Krakow - Cracovie (PL), Epiontis Gmbh - Berlin (DE), GABO Gesellschaft für Ablauforganisation :milliarium mbh - Munich (DE), King's College London (UK),	Emergence of a virtual research centre in forensic genetics, building efficient research network,	Crisis, Security,

EUROSKY	ENTR (312649)	http://www.eos-eu.com/?Page=eurosky&tID=2	Call 2012.2.2-3 IP Demo Prevention	Single European Secure Air-cargo Space; EU fund 11,708,124: EUROSKY will raise the bar in air cargo security to safeguard internat. supply chains & security of citizens & air travellers across EU MS by: comprehensive list of threats to aviation system through all-hazard approach; » contributing to unified EU aviation security approach; » developing strategic set of effective innovative measures, centred on next-generation detection systems whilst maintaining flows & optimising costs. It will: 1.Support EU & internat. programmes aimed at: a) Establishing common approach & associated infrastructure for internat. co-operation, for enforcing air-security regulations, risk-based approaches in EU uniform manner; b) Specifying detection technology requirements & future research areas; c) Monitoring effectiveness of regulations, standards, enforcement controls to fuel continuous improvement; 2. Provide innovative aviation security solutions to implement EU policy addressing requirements, including: a) Fast screening approaches; b) Tools for managing compliance with changing regulatory requirements for both security & transport legislation, irrespective of destination & transit airports; c) Integration	May. 2013 / May. 2017	BMT Group Ltd (UK) - London	Swissport International AG - Oppfikon (CH), Athens International Airport SA - Athens (GR), Department for Transport - London (UK), Conzorzio IB Innovation IBI - Bologna (IT), Urbanos-Group SGPS - Sao Juliao do Tojal (PT), Geopost Ltd - Smethwick (UK), Fast Freight Marconi SPA - Bologna (IT), Heavyweight Air Express Ltd - Derby (UK), Rapiscan Systems Ltd - Radlett (UK), Multix SA - Paris (F), FOI - Stockholm (SE), Inlecom Systems Ltd - Burguess Hill (UK), Conceptivity Sarl - Geneve (CH), Mass Spec Analytical Ltd - Bristol (UK), Enide Solutions SL - Sant Andreu de la Barca (ES),CEA - Paris (F), MJC2 Ltd - Crowthorne (UK), European Organisation for Security SCRL - Brussels (BE), Ingeniaria IDOM Internacional - Madrid (ES), CLMS Ltd - London (UK),	Secure Air-cargo Space	Security, Boarder, Transport
EU CISE 2020	ENTR (608385)	https://www.iit.demokritos.gr/project/eu-cise-2020	Call 2013-1 CP Preparedness	EUropean test bed for the maritime Common Information Sharing Environment in the 2020 perspective; EU fund 9,853,031: EU CISE 2020 is an important step of the EU roadmap for CISE (Common Information Sharing Environment, EU maritime institutions & Surveillance). Project based on DG MARE, BluemassMed, MARSUNO, PERSEUS, SEABILLA. EU CISE 2020 will manage the elaboration of the action plan for the operational validation of new elements of R&D needed to develop CISE (concepts of architecture, concepts of operation, standards of data and services, new services, new processes, ...), the development of an open European test bed for incremental advancement of CISE in the medium-long term, the independent Verification & Validation of the new elements of R&D.	Jun. 2014 - Jun. /2017	Agenzia Spaziale Italiana(IT) - Rome	Agencia Estatal de Administración Tributaria. Departamento de Aduanas e Impuestos Especiales - Madrid (ES), Agenzia per la Promozione della Ricerca Europea - Rome (IT), Centro Euro-Mediterraneo sui Cambiamenti Climatici - Lecce (IT), Danmarks Meteorologiske Instituts - Copenhagen (DK), European Union Satellite Center SATCEN - Torrejón de Ardoz (ES), Istituto Nazionale di Geofisica e Vulcanologia - Roma (IT), Italian Ministry of Infrastructure Transports - Rome (IT), Kystverket - Oslo (NO), Laurea-ammatti korkeak oulu oy - Vantaa (FI), Liikennevirasto - Helsinki (NO), Liikenteen turvallisuusvirasto-Helsinki (NO), Isdefe - Madrid (ES), Minist. de Fomento (Equip.) Madrid (ES), Minist. Interior - Madrid (ES), Miinist. della Difesa -Rome (IT), Ministro dell'ambiente e della tutela del territorio e del mare - Rome (IT), Minist. dell Economia e Finanze - Rome (IT), Miinist. Interior - Oslo (FI) , Ministry of Transport, Information Technologies and Communications - Sofia (BG), Stiftelsen Sintef - Tronheim near Oslo (NO), Swedish Coast Guard - Göteborg (SE), Swedish Maritime Administration - Norrköping (SE), University of Cyprus - Nicosia (CY),	EU roadmap for CISE, EU maritime institutions & Surveillance,	Security, Boarder, Transport
EU-SEC II	REA (218076)	http://www.eu-secii.org/	Call 2007-7.0-02 CSA Preparedness	Coordinating national research programmes and policies on security at major events in Europe; EU funds 2,527,000: EU-SEC II aimed to establish a comprehensive EU-wide network of national authorities in the field of Major Event security as well as common security planning standards to foster future European coordination in this area. Produce: » stronger cooperation and coordination among the relevant security stakeholders, including private sector, to develop integrated & comprehensive operational security plans; » implementation of specific training curricula to disseminate common policing methods & a culture of increased attention to develop. of relationships with general public & media.	Sept. 2008 / Oct. 2011	UNICRI: United Nations Interregional Crime and Justice Research Institute (IT) - Turin	German Police University - Münster (DE), Cuerpo Nacional de Policía Spain - Madrid (ES), Ministry of the Interior / Police Department - Helsinki (FI), Ministr. Interieur - Paris (F), Metropolitan Police Service - London (UK), An Garda Siochana Ireland - Dublin (IE), Ministero dell'Interno - Rome (IT), Ministry of Justice - Den Haag (NL), Ministry of the Interior - Lisboa (PT), Centre for Security Studies CSS - Athens (GR), Police Academy of Latvia - Riga (LV), Ministr. Interior - Bucarest (RO), Ministr. Interior - Bratislava (SK), Ministr. Interior - Sofia (BG), Policijska uprava - Maribor (SL), Ministr. Justice - Tallinn (EE), Cyprus Police - Nicosia (CY), Hungarian National Police - Budapest (HU), Malta Police Force - Floriana (MT), Swedish National Police - Stockholm (SE), National Police - Copenhagen (DK), Ministr. Interior - Riga (LV),	Network of national authorities in field of Major Event security, common security planning standards,	Security Concept,
EUSECON	REA (218105)	www.economics-ofsecurity.eu/eusecon	Call 2007-6.4-01 CP Prevention	A new agenda for European security economics; EU funds 2,357,188: EUSECON strives to create an analytical framework for complementary research within the discipline of security economics. It relates human-induced insecurity (terrorism & organised crime) to other forms of insecurity (industrial accidents, natural disasters, geopolitical insecurity) & security measures. Methods : » Acknowledging Historical Context; » Analyzing Perceptions of Insecurity; » Filling Knowledge Gaps;	Mar. 2008 / Avr. 2012	DIW Deutsche Intitüt Wirtschaftsforschung EV (DE) - Berlin	German Institute for Economic Research - Berlin (DE), Univers. Hamburg Institute for Peace Research and Security Policy - Hamburg (DE), Economics Institute of Sciences Academy - Praha (CZ), Univers. Charles - Prague (CZ), Univers. Patras - Patras (GR), Univers. Oxford (UK), Isdefe - Madrid (ES), Basque Univers. - Leioa/Bizkaias (ES), RAND Europe - Cambridge (UK), Hebrew Univers. - Jerusalem (Israel), Univers. of Thessaly - Volos (GR), Univers. of Linz - Linz (AT), PRIO - Oslo (NO), Institute of Social Studies - Rotterdam (NL), Athens University of Economics and Business AUEB-RC - Athens (GR),	Security Economics	Security Economics
EVACUATE	REA (313161)	www.exus.co.uk	Call 2012.4.2-2 IP Response	A holistic, scenario-independent, situation-awareness and guidance system for sustaining Active Evacuation Route for large crowds; EU funds 8,583,311: EVACUATE will develop capabilities of a framework that will enhance effectiveness of complex crowd evacuation operations by: 1. Defining full architecture, developing underlying necessary technological backbone, 2. Providing full-set of systems & services built in accordance to innovative, integrated standards, peer to-peer architecture, supporting variety of complex crowd evacuation operations. 3. Integrating different innovative, existing modules: » Multiple types of sensors (visual cameras, hyper-spectral imaging), RFIDs, pervasive technologies, » Sophisticated early location devices, based on Wireless Sensors Networks consisting of low-power sensors nodes » Communication between first responders, command centers & crowd itself with integrated networking platforms. 4. Studying, developing underlying socio-economic environment by addressing ethics, legal issues, regulation societal context, standardization, National & International operating procedures 5. Demonstrating developed system, validating its operational characteristics in full-scale field trials that will simulate realistic emergencies, crises.	Avr. 2013 / Avr. 2017	Exodus AE (GR) - Athens	Univers. Southampton IT Innovation Centre - Southampton (UK), Institute of Communications Computer Systems ICCS - Athens (GR), HKV LIJN in Water BV - Lelystad (NL), Telesto Technologies - Athens (GR), Tekniker-Ik4 (TEK) - Eibar Guipuzcoa (ES), Athens International Airport SA - Athens (GR), Vitrociset spa - Rome (IT), Crowd Dynamics International Ltd - Oxted (UK), INDRA Sistemas - Madrid (ES), Katholieke Universiteit - Leuven (BE), Diginext Sarl - Aix en Provence (F), Politechnico Di Torino – Torino (IT), STX - Saint Nazaire (F), Technische Universität Dresden (DE), TU Chemnitz (DE), Real Sociedad De Futbol Sad - San Sebastian (ES), Metro Bilbao SA (ES), Telecom Italia Spa - Milano (IT),	Capabilities of framework, effectiveness of complex crowd evacuation operations	Crisis

Project	Agency (ID)	URL	Call	Description	Dates	Coordinator	Partners	Application	Keywords
EVIDENCE	REA (608185)	http://www.evidenceproject.eu/	Call 2013-1 CSA Preparedness	European Informatics Data Exchange Framework for Court and Evidence; EU funds 1,924,589: Objectives: 1: Tracing EVIDENCE Road Map for realization of Common EU Legal Framework for using, collecting, exchanging electronic evidence including research agenda identifying issues, policies, actions; 2: Develop common, shared understanding on what electronic evidence is & which are relevant concepts of electronic evidence in involved domains, related fields (digital forensic, criminal law, criminal procedure, criminal international cooperation); 3: Detecting which are rules, criteria utilized for processing electronic evidence in EU MS, how is exchange of evidence regulated; 4: Detecting of existence of criteria, standards for guaranteeing reliability, integrity, custody requirement chain in EU MS; 5: Defining operational, ethical implications for Law Enforcement Agencies all over EU; 6: Identifying, developing technological functionalities for a Common EU Framework in gathering, exchanging electronic evidence;	Mar. 2014 / Aug. 2016	Consiglio Nazionale delle Ricerche (IT) - Pisa	National Research Council CNR - Rome (IT), Univers. of Groningen RUG (NL), Interpol - Lyon (F), Univers. Leibniz - Hannover (DE), Laboratory of Citizenship Sciences LSC - Rome (IT), Univers. of Malta UOM (MT), Council of Bars and Law Societies of Europe - Brusssels (BE), Law and Internet Foundation - Sofia (BG), Centre of Excellence in Information and Communication Technologies CETIC - Brussels (BE),	Ordinary Crime Forensic,	Security, Cyber
EVOCS	REA (605142)	http://evocs-project.eu/	Call 2013.6.3-2 CSA Preparedness	The goal is to identify the various EU concepts of The evolving concept of security: A critical evaluation across four dimensions; EU funds 918,125: Security which differ depending on place and time and to analyse similarities, differences between them. It will bring together all relevant European stakeholders to discuss core values, threats to them, measures to be taken to protect them. Results will be used to formulate recommendations for changes in working parameters of various types of security end-users, will serve as guidelines for policy makers responsible for formulating measures that influence an evolving EU concept. Focus on EU & close neighbours, providing a holistic view on complex & somewhat diffuse concept of security by evaluating it across 4 dimensions: core values, areas of security & time. 4 regional case studies: West-Mediterranean EU, Eastern EU Border, North Western EU, South Eastern EU.	Jun. 2014 / Nov. 2015	FhG INT (DE) - Euskiirchen near Bonn	Tecnalia - Bilbao (ES), Istituto Affari Internazionali - Rome (IT), Polish Institute of International Affairs PISM - Warszawa (PL), The Hague Centre For Strategic Studies HCSS - Den Haag (NL), Scuola Superiore Sant'Anna - Pisa (IT), Univers. Loughborough (UK), Università Cattolica del Sacro Cuore UCSC - Milan (IT), Procon - Sofia (BG),	Scenarios, evolving concept of security,	Security, Concepts
EWISA	ENTR (608174)	Under construction	Call 2013.3.2-1 CP Detection	EARLY WARNING FOR INCREASED SITUATIONAL AWARENESS; EU fund 10,899,765: Following Frontex, intelligence picture of possible threats against MS is obtained, picture created outside MS and Schengen area, through combination of radar pictures with video pictures, intelligence collected from sensor stations. Threats: a) illegal migration, b) smuggling, c) trafficking in drugs and forbidden materials, d) trafficking in weapons. It will provide assessment of stand-alone technology, assessment of integration into current surveillance infrastructure of new capabilities provided by industry. Objective is to increase intelligence in video surveillance: • camera-specific processes; • modular implementation of successive analysis layers, applied for optimal situational awareness: chaining, motion, figure, face; • In addition to camera's processing capabilities, network consists of: sensors, network analysis and system for control room.	Sept. 2014 / Jun. 2018	Politia de Frontiera (RO) - Bucarest	CSS Kemea - Athens (GR), Ministr. Interior - Budapest (HU), Ministr. Iinterior - Madrid (ES), Ministr. Interior - Helsinki (FI),		Security, Boarder
EXPEDIA	ENTR (604987)	Under construction	Call 2013-3 CP Prevention	EXploisives PrEcursor Defeat by Inhibitor Additives; EU fund 3,480,602: It will create a EU guide for first responders with basic instructions on how to interpret findings on crime scene when suspected bomb factories encountered. In order for EU legislators to carry out right work in fight against terrorism, access to accurate data, in-depth understanding of HMEs characteristics, various formulations thereof is of crucial importance. It will feed its produced information about HMEs directly to these groups via appropriate channels. Research for solutions to prevent misuse of some explosive precursors, not yet been investigated. Inhibition of these precursors will be closely linked to feasibility & implementation cost studies, toxicology studies.	Sept. 2014 / Aug. 2017	FOI (SE) - Stockholm	Brodarski Institut Doo Bi - Zagreb (HR), Bundeskriminalamt BKA - Wiesbaden (DE), CEA - Paris (F), Dow Operation - Angus Chemie Gmbh - Ibbenbüren (DE), Esbit Compagnie Gmbh - Hamburg (DE), FhG ICT - Karlsruhe (DE), KCEM AB - Uppsala (SE), National Bureau of Investigation - Vantaa near Helsinki (FI), TNO - Delft (NL), Wojskowy Instytut Hi - Warszawa (PL), Yara International - Oslo (NO),	EXploisives PrEcursor, EU guide for first responders, crime scene,	E,
FASTID	REA (242339)	http://www.interpol.int/ INTERPOL-expertise/Databases/FASTID/FAST-and-efficient-international-disaster-victim-Identification	Call 2009-4.2-01 CP Recovery	FAST and efficient international disaster victim Identification; EU funds 2,270,476: Create the first ever police database to identify & link missing persons, unidentified bodies on international level. Establish general requirements: - Filling gap in data exchange; - Decentralized access (It will be based on INTERPOL's Ante-Mortem Disaster Victim Identification & Post-Mortem DVI forms (missing persons), Black Notice (unidentified bodies) forms); - Comprehensive training; - Forensic research.	Avr. 2010 / Avr. 2013	Interpol (F) - Lyon	German Federal Criminal Police Bundeskriminalamt (BKA - Wiesbaden (DE), FhG IOSB - Karlsruhe (DE), FhG IGD - Darmstadt (DE), PlassData - Holbæk (DK), Univers. of Dundee (UK), Crabbe Consultin - Stockton-on-Tees near Newcastle (UK),	Police database to identify and link missing persons, Restoring security and safety in case of crisis,	Security, Forensic,
FASTPASS	REA (312583)	https://www.fastpass-project.eu/	Call 2012.3.4-6 IP Protection	A harmonized, modular reference system for all European automatic border crossing points; EU funds 11,287,715: FastPass will establish & demonstrate a harmonized, modular approach for Automated Border Control (ABC) gates, for different border control points (land-, sea- and air-) across EU. The FastPass solution will provide travellers a seamless, fast border transit harmonized for different border control points across EU & will enable border guards to maintain strict, absolute control which is both unobtrusive & convenient to use. FastPass will be based on innovative modules that can be standardized across Europe using the experiences of several test installations.	Jan. 2013 / Dec. 2016	AIT (AT) - Seibersdorf near Wien	VTT - Espoo (FI), Bundesministerium für Inneres Ministr. of Interior - Wien (AT), Österreichische Staatsdruckerei Gmbh OeSD - Wien (AT), FhG IOSB - Karlsruhe (DE), Katholieke Univeristeit - Leuven (BE), Rajavartiolaitos Finnish Border Guard RAJA - Helsinki (FI), Secunet Security Networks AG - Dortmund (DE), Mirasys Ltd - Helsinki (FI), Regula Baltija SIA - Daugavpils Latvia (LV), Univers. of Reading - London (UK), International Centre for Migration Policy Development - Wien (AT), University of Tampere - Tampere (FI), Gunnebo Entrance Control Ltd - Wolverhampton (UK), Giesecke & Devrient Gmbh - Münich (DE), Modi Modular Digits Gmbh - Gummersbach (DE), Magnetic Autocontrol Gmbh - Baden-Baden (DE), JRC - Brussels (BE), ITTI Sp - Poznan (PL), Deltabit Oy - Tampere (FI), Univers. of Oxford (UK), Ministerstwo Spraw Wewnetrznych - Warsawa(PL), Finavia Oyj - Helsinki (FI), Municipal Port Authority of Mykonos (GR), Fraport AG Frankfurt Airport Services Worldwide - Frankfurt (DE), Flughafen Wien	Boarder check	Security, Boarder,

FESTOS	REA (217993)	http://www.festos.org	Call 2007-1 CSA Preparedness	Foresight of evolving security threats posed by emerging technologies; EU funds 824,552: FESTOS is planned to identify, assess evolving security threats posed by abuse or inadequate use of emerging technologies & new scientific knowledge, which means to do research on dark side of technology. Objectives: •identification of future security threats posed by emerging technologies •narrative scenarios •assessment of need for knowledge control •evaluation of policy measures to cope with threats. Weak signals for upcoming possible threats by emerging technologies are sorted by time of sufficient maturity. Adequate mix of Foresight methods will be employed, e.g. horizon scanning, weak signals analysis, expert surveys, brainstormings, futures wheel , interactive scenario building, STEEPV analysis.	Jan. 2009 / Dec. 2011	Interdisciplinary Center for Technology Analysis and Forecasting (ICTAF) Israel - Tel-Aviv	Turku School of Economics - Turku (FI), Foundation for European Scientific Cooperation - Warszawa (PL), EFP Consulting - Leeds (UK), TU Berlin (DE), Uniwers. Lodzki - Iodz (PL),	Scenarios, emerging technologies threats,	Security, Concepts
FIDELITY	REA (284862)	http://www.fidelity-project.eu	Call 2011-1 IP Prevention	Fast and Trustworthy Identity Delivery and Check with ePassports leveraging Traveller Privacy; EU funds 12,013,194: FIDELITY develops, demonstrates solutions for fast, secure, efficient real-time authentication at border crossings, while protecting individual privacy.It will also propose solutions to improve the issuance process of breeder documents in order to reduce fraud. Recommendations for a reliable breeder document, secure ePassport application processes, fixed & mobile terminals for border control; user-friendly ID check solutions with advanced "on-the-fly" biometric sensors, Privacy-by-Design based solutions, concepts of next generation travel documents & on how to improve (end-to-end) security and usability of ePassports.	Fev. 2012 / Fev. 2016	Morpho - Paris (F),	FhG IGD - Darmstadt (DE), Gjøvik University College - Gjøvik (NO), Bundeskriminalamt BKA - Wiesbaden (DE), Minist. de l'Intérieur - Paris (F), Hochschule Darmstadt (DE), Alma Mater Studiorum – Università di Bologna - Bologna (IT), Thales - Paris (F), Selex ES - Rome (IT), Minist. dell'Interno Central Directorate for Immigration and Border Police - Rome (IT), Katholieke Universiteit - Leuven (BE), Bundesdruckerei Gmbh - Berlin (DE), FOI - Stockholm (SE), Biometrika - Cattolica (IT), KXEN - Rome (IT), Institute of Baltic Studies - Tartu (EE), Centre for Applied Ethics – Linköping University - Linköping (SE), ARTTIC - Paris (F), Dutch Ministry of Security and Justice - Den Haag (NL),	Boarder check	Security, Boarder, Transport
FOCUS	REA (261633)	http://www.focusproject.eu/	Call 2011-1.6.3-2 CP Prevention	Foresight Security Scenarios : Mapping Research to a Comprehensive Approach to Exogenous EU Roles; EU funds 3,407,075 FOCUS will concentrate on alternative future EU roles to prevent or respond to incidents situated on the "borderline" between internal and external dimensions of the security affecting Union and its citizens. It will do so by elaborating multiple scenarios, based on IT-supported foresight. It will deliver tangible products (such as an IT platform) and contents (i.e., a roadmap) for planning research and deciding on priorities. It will design, apply an "embedded scenario" method of integration. FOCUS's foresight work led to its ultimate result: an IT-based interactive roadmap for security research.	Apr. 2011 / Apr. 2013	Sigmund Freud Privatuniversitat Wien Gmbh	Atos - Madrid (ES), BOC Asset Management Gmbh - Wien (AT), Institute of Information and Communication Technologies CDSM - Sofia (BG), Cross-border Research Association - Lausanne (CH), Isdefe - Madrid (ES), České Vysoké Učení Technické v Praze - Praha (CZ), Seceur - Brussels (BE), Universität für Weiterbildung - Krems (AT), Univers. Haifa (Israel), Universität für Bodenkultur BOKU - Wien (AT), Instituto Nacional de Técnica Aeroespacial INTA - Madrid (ES),	Scenarios, interactive roadmap for security research,	Security, Concepts
FORCE	REA (607858)	www.force-europe.eu	Call 2013.1 CSA Preparedness	FOResight Coordination for Europe; EU funds 930,510: FORCE will examine previous Security foresight studies & horizon-scanning activities in FP7 & elsewhere in EU, produce corresponding Intelligent Decision Support System (IDSS), evolvable, scalable with future Foresight research activities conducted in EU to assist policy makers & stakeholders in the Security domain determine expectations about short-term, mid-term, long -term social, technological trends using methodologies, information from past, current & future Foresight research activities. This will allow them to strategically plan for risks related to emerging technologies, social changes in society. FORCE activities will include: •Examining outputs from FP7 Security projects & other; •Mapping identified risks against foresight methodolog. •Assessing foresight methods, Identification of appropriate methods with respect to mix of methods; •Identifying gaps between potential risks and methods; •Producing a Foresight model, scalable and sustainable; •Developing an Intelligent Decision Support System;	May. 2014 / Apr. 2016	EFPC Ltd (UK) - Glasgow	Atos - Madrid (ES), Globaz SA - Azeméis (PT), Inovamais - Serviços de Consultadoria em Inovação Tecnologica SA - Matosinho (PT), TU Berlin (DE), Univers. Tel Aviv (Israel),	Scenarios, Intelligent Decision Support System (IDSS),	Security, Concepts
FORESEC	REA (218199)	http://www.foresec.eu	Call 2007-6.3-01 CSA Preparedness	Europe's evolving security: drivers, trends and scenarios; EU funds 942,000: FORESEC is to tie together multiple threads of existing work on future of EU security in an attempt to provide more cogent guidance, orientation, structure to all future security related research activities. It will enhance shared vision, facilitate emergence of coherent and holistic approach to current, future threats, challenges for EU security amongst the community of official, non-official constituencies involved. It will identify security responses with added-value, shared interest to work at EU level; build a pan-EU network, initiate societal debate on EU. It is targeted at providing critical policy support, advice for security researchers, decision-makers with view to providing recommendations in medium- to long-term timeframe, produces results relevant for broader security policy community & policy makers.	Fev. 2008 / Dec. 2009	Crisis Management Initiative (FI) - Helsinky	Austrian Research Centers System Research - Wien (AT), International Institute for Strategic Studies - London (UK), FOI - Stockholm (SE), Centre for Liberal Strategies - Sofia (BG), JRC - Ispra (IT)	Security, safety, energy, crime, terrorism, society, education, health, technologies, geopolitics, infrastructure	Security, Concepts
FORLAB	REA (285052)	http://www.fp7-forlab.eu/	Call 2011-1 CP Prevention	Forensic Laboratory for in-situ evidence analysis in a post blast scenario; EU funds 3,087,446: ForLab will deliver a novel systematic methodology for optimizing evidence collection in scenarios after blast of improvised explosive device (IED). Expected results: » Improve efficiency of procedures used by EU Security Forces for investigation of post-blast scene; » Reduce number of samples collected » Improve capability to re-create scene during field investigation » Present to technician in Command Control Centre real time, updated information about investigation;	Mar. 2012 / Mar. 2015	Indra Sistemas (ES) - Madrid	ENEA - Rome (IT), EADS ASTRIUM - Paris (F), Univers. of Thessaly - Volos (GE), Space Applications Services - Zaventen (BE), Astri Polska - Warszawa (PL), National Bureau of Investigation - Vantaa (FI), Minist. della Difesa - Rome (IT), PIAP Przemyslowy Instytut Automatyki I Pomiarow - Warszawa (PL), Nucletudes - Paris (F), Minist. de l'Intérieur - Paris (F), Minist. Interior - Madrid (ES),	Methodology for scenarios after IED blast,	E, CRN, Security, Concepts

Project	Agency (ID)	Website	Call	Dates	Coordinator	Partners	Focus	Tags
FORTRESS	REA (607579)	http://fortress-project.eu/	Call 2013-1 CP Prevention	Apr. 2014 / Apr. 2017	TU Berlin (DE) - Berlin	Foresight Tools for Responding to cascading effects in a crisis; EU funds. Project is to identify & understand cascading effects of a crisis by using evidence-based information from a range of previous crisis situations. Cascading effects are caused by interrelatedness & interdependency of systems & infrastructure disruptions. FORTRESS aims to improve crisis management practices by identifying diversity of such cascading effects. Its main outputs include development of predictive model addressing potential impacts of decisions made in crisis, development of incident evolution tool to assist decision-makers in preparing & training for crises with cascading effects. [Partners:] Trilateral Research & Consulting - London (UK), Trrelogic - Madrid (ES), EDF - Paris (F), Dialogik - Stuttgart (DE), IRKS-Research Gmbh - Wien (AT), Ritchey Consulting AB - Stockholm (SE), Univers. College London (UK), SiTI Istituto Superiore sui Sistemi Territoriali per l'Innovazione - Torino (IT), GMV Aerospace and Defence SA Unipersona - Madrid (ES), GGD Veiligheidsregio Kennemerland - Haarlem (NL), SDIS 04 (Departmental Services of Fire and Rescue) - Gardanne near Marseille (F), Berliner Wasserbetriebe - Berlin (DE),	Cascading effects, predictive model,	Security concepts, Crisis,
FREESIC	REA (285205)	http://www.freesic.eu	Call 2011.5.2-1 CP Response	Fev. 2012 / Jul. 2014	Ardaco, a.s.(SK) - Bratislava	Free Secure Interoperable Communications; EU funds 3,284,040: FREESIC investigates barriers to interoperability of emergency services, proposes communication solution supporting information exchange through heterogeneous communication systems, deploys interoperability platform into 3 countries & evaluates its operation. It creates solution that will allow highly secure & cost effective interoperability between communication infrastructures right across Europe. It will be operated free-of-charge, will offer an open source gateway, [Partners:] National Security Authority of the Slovak Republic - Bratislava (SK), Univers. Luxembourg (LU), British Association of Public Safety Communication Officers BAPCO - Lincoln (UK), ITTI Ltd - Poznan(PL), NEXTEL SA - Zamudio (ES), Centre de Communications du Gouvernement - Senningen (LU), World Consult - Bratislava (SK), Pramacom Prague - Praha (CZ),	Secure Communication	Security concepts, Crisis,
FRESP	REA (218138)	www.rma.ac.be/fp7-fresp	Call 2007-4.3-03 CP Response	Jun. 2008 / May. 2012	Ecole Royale Militaire (BE) - Brussels	Advanced first response respiratory protection; EU funds 3,029,967: Create network of scientists & research institutions, who will develop broad-spectrum, low-burden, tailor-made nanoporous adsorbent, to integrate the 2 main areas of protection (versus chemical warfare agents & toxic industrial chemicals) without significant loss of capacity. It will integrate features that are not at all available in current state-of-art adsorbents : protection against radioactive gases, biological threats. Primary goal is development of broad-spectrum low-burden respiratory protection systems for first responders. [Partners:] Budapest University of Technology and Economics BME - Budapes (HU), Univers. of Brighton (UK), Univers. of Alicante (ESI), TNO - Delft (NL), High Technology Filters sa - Athens (GR), MAST Carbon - Basingstoke (UK), NORIT Nederland BV - Amersfoort (NL), Laser Optical Engineering Ltd - Loughborough (UK), ProQares BV - Rijswijk ZH (NL),	Protecting well-being of first responders, Restoring security and safety in case of crisis,	C, R, N,
GAMMA	REA (312382)	http://www.gamma-project.eu/	Call 2012.2.2-2 IP Response	Sept. 2013 / Aug. 2017	SELEX (IT) - Florence	Global ATM security management; EU funds 9,124,760: Stems from growing need to address new air traffic management threats, vulnerabilities due to increased reliance on distributed enterprise computing & automated flow of information across a ground & airborne network. Develop solutions to emerging air traffic management vulnerabilities backed up by practical proposals for implementation of these solutions. It will consider new scenarios created by Single EU Sky programme. It will first perform comprehensive assessment of full set of security threats & vulnerabilities affecting existing ATM system of systems, covering operational technological aspects. It will provide basis to develop security management framework, concrete proposal for day-to-day operation of air traffic management security. It will define requirements & architecture of security solution, including ability to manage incidents & crises spreading. [Partners:] Airbus ProSky - Toulouse (F), Boeing - Madrid (ES), Airbus Defence and Space Cassidian - Paris (F), CiaoTech - Rome (IT), DLR - Köln (DE), ENAV - Rome (IT), Isdefe - Madrid (ES), Univers. Lancaster (UK), RNC Avionics - Lancaster (UK), Romatsa - Bucarest (RO), SEA - Milano (IT), Thales - Paris (F), Ústav Informatiky - Bratislava (SK), 42 Solutions - Eindhoven (NL),	Energy Transport,	Security, Boarder, Transport
GERYON	REA (284863)	http://www.sec-geryon.eu	Call 2011.5.2-1 CP Response	Dec. 2011 / May. 2014	Univers. of Basque Country UPV/EHU - (ES) - Guipúzcoa near Pamplona	Next generation technology independent interoperability of emergency services; EU funds 2,512,308: It proposes innovative emergency inter-networking system capable of connecting existing first responder (FR) communication systems, enabling integration of next generation mobile networks by defining technology independent standardized interfaces, autonomic configuration, adaptation techniques under IMS umbrella. It will unify common technical, operational logic of FRs communications networks. This unification will offload interconnection gateways from duplicated technology dependent details by providing neutral interconnection interface. Proposed system will ensure seamless operation, take advantage of coverage & responsiveness of existing PMRs, 4G broadband data services. It will demonstrate both classical (i.e. PTT, MTP and preemptive calls) & enhanced emergency services (i.e. multimedia streaming, data services) over across-frontier testbed; [Partners:] COSMOTE Mobile Telecommunications - Maroussi (GR), Grupo Cys - Zaratamo (ES), Itelazpi - Zamudio (ES), NCSR Demokritos - Athens (GR), Plymouth University (UK), VIOTECH Communications - Versailles near Paris (F),	Secure Communication,	Crisis,
GIFT CBRN	ENTR (604347)	In Building	Call 2013-1 CP Preparedness	Jan. 2014 / Jan. 2017	NFI: Netherlands Forensic Institute (NL) - The Hague	Generic Integrated Forensic Toolbox for CBRN incidents; EU fund 5,464,047: Forensic investigation is hampered by a lack of protocols, training in carrying out forensic analysis on CBRN-contaminated materials. GIFT-CBRN is to develop a forensic toolbox for investigating CBRN incidents. It would provide (1) procedures, sampling methods, detection of CBRN agents at crime scene, (2) traditional forensic laboratory methods for contaminated evidence (3) laboratory methods for profiling the CBRN agents released. Procedures for chain of custody, from crime scene to court, will be developed. Education, training curriculum will be designed.Develop novel methodologies to enable traditional forensic science (DNA, fingerprint and electronic devices; [Partners:] Analyze IQ Limited - Galway (IE), AWE Plc - Reading near London (UK), CEA - Paris (F), Service Public Fédéral Justice - Brussels (BE), Ecole Royale Militaire - Brussels (BE), Eticas Research & Consulting - Barcelona (ES), Falcon Communication Uk Ltd - Winchester (UK), JRC - Brussels (BE), LQC s.l. - La Escala (ES), M Squared Lasers - Glasgow (UK), Nanobiz - Ankara (TR), TNO - Delft (NL), Ramen SA - Madrid (ES), National Institute for Public Health and the Environment - Utrecht (NL), Stuk - Helsinki (FI), Space Applications Services - Brussels (BE), Swedish national laboratory of forensic science SKL - Linköping (SE), Secretary of State for Environment, Food and Rural Affairs - London (UK), FOI - Stockholm (SE), Tyndall-UCC, Univers. College Cork - Cork (IE),	Develop forensic toolbox, investigating CBRN incidents,	CBRN

GLOBE	REA (218207)	http://globe.ti-projects.com/	Call 2007-3.1-01 CSA Preparedness	Global Border Environment; EU funds 999,891: Produce comprehensive approach to integrated border management in EU. 2 key areas were identified as ripe for further development & synergy in EU: risk analysis & decision making. GLOBE recommends that 28 EU MS adopt common definitions & criteria for sharing source data, risk analysis results and decision making indicators, reports. GLOBE produced its road-map.	Sept. 2008 / June. 2009	Telvent Interactiva SA (ES) - Sevilla	Amper Sistemas - Madrid (ES), GMV Aerospace Defence SA Unipersona - Madrid (ES), Instituto Nacional de Técnica Aeroespacial - Madrid (ES), Altran Technologies - Paris (F), Settce - Lubjana (SI), Econet Polska sp - Warsaw (PL), Eurosense Belfotop NV - Tielt (BE), Skysoft - Lisboa (PT), CES vision Ltd - Budapest (HU), PRIO - Oslo (NO), Edisoft Empresa de Serviços e Desenvolvimento de Software - Caparica (PT), Cogent Systems Gmbh - Maria Enzersdorf (AT), Ciaotech Srl - Rome (IT), Tecnalia - San Sebastian (ES),	Boarder check & comprehensive strategy, standardisation data sharing, fusion of surveillance information	Security, Boarder, Transport
GRAFFOLUTION	REA (608152)	www.graffolution.eu	Call 2013-1 CP Prevention	Awareness and prevention solutions against graffiti vandalism in public areas and transport; EU funs It will provide extensive "Collaborative Knowledge Base" empowering city administrations, public transport services, law enforcement agencies across EU to share statistics, knowledge, good practices, prevention strategies using intuitive modules & cooperation features. It will contain interactive "Open Information Hub" addressing local communities, citizens, sprayers to strengthen public awareness & reduce illegal spraying activities, using effectual tools, visualisations. Created web platform will serve as central collaborative instance against graffiti vandalism for all experts, stakeholders, citizens. It will be flexible, scalable to include future data sources, apps, modern strategies that support artistic expression while preserving public & private property, safety.	Mar. 2014 / Fev.2016	SYNYO GmbH (AT) - Wien	Univers. of Barcelona (ES), Univers. of the Arts London (UK), Sine-Institut Gmbh - München (DE), Ferroccarrills de La Generalitat de Catalunya - Barcelona (ES), London Borough of Islington - London (UK), Union Internationale des Chemins de Fer - Paris (F),	Reduce illegal graffiti,	Security Concept, Ethics, Law,
HANDHOLD	ENTR (284456)	http://www.handhold.eu/	Call 2011-1 CP Detection	HANDHold - HANDHeld OLfactory Detector; EU fund 3,495,805: Objective is to develop a CBRNE modular sensor platform which is reconfigurable & can be deployed for stand-off detection for periods of up to 8 hours, operating on battery alone. This platform will be capable of stand-alone use, mimicking operational characteristics of sniffer dogs used to detect drugs & explosives. It will also develop state of art sensors for: » chemical, explosives, » biohazard detection, » RN detection.HANDHOLD delivers for first time electronics & photonics to operating level of molecule, bacteria, viruses with intent to detect & win for civil security	Avr. 2012 / Sept. 2015	Queen's University Belfast (IE)	Tyndall-UCC, Univers. College Cork - Cork (IE), Scorpion Networks Ltd - Clane (IE), Karlsruher Institut fuer Technologie FIT - Karlsruhe (DE), Defendec Ou - Tallinn (EE), INOV Instituto de Novas Tecnologias - Lisboa (PT), Univers. of Ireland - Galway (IE),	Complementary detection system for safer borders, modular sensor platform	E, CBRN
HARMONISE	REA (312013)	http://futureanalytics.ie/p_harmonise.html	Call 2012.2.1 CP Prevention	Holistic Approach to Resilience and Systematic Actions to make Large Scale UrbaN Built Infrastructure Secure; EU funds 3,493,771: HARMONISE will advocate synergies with existing FP7 projects (VITRUV, RIBS, DESURBS). It recognises the necessity to improve design of urban areas, increase their security, resilience against new threats. It seeks to deliver (a) holistic HARMONISE Interactive Semantic Intelligence Platform; (b) suite of innovative tools (toolkit hosted within the HARMONISE platform); (c) greater understanding, awareness of urban security, resilience to dissemination; (d) commercialisation It will result in significant resilience enhancement methods for large scale urban built infrastructure. It will deliver supporting tools for design/planning stage of large scale urban built infrastructure development, tested and enhanced through use of case studies.	Jun. 2013 / May. 2016	Future Anlytics Consulting Ltd FAC (IE) - Dublin	Building Design Partnership Ltd BDP - Manchester (UK), Univers. Of Ulster - Coleraine (UK), Comune de Genova (IT), Selex ES - Rome (IT), Tecnalia - San Sebastian (ES), Univers. of Warwick - Coventry (UK), Lonix Oy - Helsinki (FI), Univers. of Wuppertal (UW) - Wuppertal (DE), LeighFisher Ltd - Manchester (UK), Ayuntamiento of Bilbao (ES), VTT - Espoo (FI),	Design areas, Resilience of large scale urban built infrastructure	E, CRN, Cis, Security Concepts,
HECTOS	ENTR (606861)	In Building	Call 2013.5.4-1 CP Preparedness	Harmonized Evaluation, Certification and Testing of Security Products; EU fund 3,489,016: HECTOS is working on specifying industrial standards for explosives detection & person-scanning technology. Study if and how existing evaluation, certification schemes used in other areas including Common Criteria, New Legislative Framework, ECAC CEP, CertAlarm... could be used & possibly further developed/ enhanced/ adapted/ integrated as general approach for assessment, certification of products used for physical security of people & infrastructure. As mechanisms to independently evaluate security product performance, it will consider ethical, privacy requirements, regulatory compliance. Approach will be validated through experiments using 2 different product groups as case studies: weapons, explosives detection systems & biometric recognition. Develop roadmap for dev. new harmonized certification schemes, provide standardization bodies with proposals for new work items.	Sept. 2014 / Aug. 2017	FOI (SE) - Stockholm	DIN German Institute for Standardization - Berlin (DE), FhG ICT Karlsruhe (DE), Iconal Technology Ltd - Cambridge (UK), Morpho - Paris (F), TNO - Delft (NL), NPL Management Ltd - Hook (UK), Univers. Warwick - Coventry (UK),	Certification and Testing of Security Products	Norms, Security Concepts,
HELI4RESCUE	ENTR (284658)	www.heli4rescue.eu	Call 2011.7.5-2 CSA Preparedness	Heavy Payload Helicoper for Last Mile Rescue; EU fund 1,047,524: Possibility for Civil Security operators to use large air transport systems for deploying heavy loads on crisis sites (last mile). Broad range of EU Civil Security users will be involved in developing appropriate requirements for offering transport solutions to management of large emergencies. EU Future Transport Helicopter (FTH) programme, large airships & transport UAS will be specifically sidered. Support to Civil Security policies prepared with dissemination activities, development of roadmaps towards effective implementation of analysed solutions, common EU approach for the definition of large air transport systems.	Aug. 2012 / Jul. 2014	FhG IML (DE) - Dortmund	Minist. Dell Interno - Rome (IT), Eurocopter - Ottobrunn (DE), Česká asociace hasičských důstojníků - Sdružení (CZ), Association Pegase - Aix en Provence (F)	Large air transport systems for deploying heavy loads on crisis sites (last mile). EU Civil Security users,	Crisis

Acronym	Agency (Number)	URL	Call	Description	Dates	Coordinator	Partners	Topic	Category
HELP	REA (261659)	http://www.fp7-sec-help.eu	Call 2010-1 CSA Response	Enhanced Communications in Emergencies by Creating and Exploiting Synergies in Composite Radio Systems; EU funds HELP establish technic. foundations, strategy dev. roadmap aimed at increasing wireless communication capabilities of public safety organisations by proposing innovative approaches for network management, spectrum resources. Objectives: 1. To identify user requirements, scenarios, overall system requirements; 2. To define solution framework (system concept) for provision of public safety communications over diverse wireless infrastructures; 3. To define framework for management of composite emergency network; 4. To conduct techno-economic analysis; 5. To establish consolidated basis, roadmap for realisation of the envisioned solution framework. Roadmap basis phase II demonstration project aimed at consolidating HELP system concept by developing specific solutions (functional specifications, mechanisms, algorithms),	Feb. 2011 / May. 2012	Univers. Politècnica de Catalunya UPC - Barcelona (ES),	BAPCO British Assoc.Public Safety Communic. Officers - Manchester (UK), EADS Cassidian - Paris (F), DATAX Sp. DTX Wrocław (PL), JRC - Brussels (BE),	Aftermath crisis management, roadmap, wireless communication capabilities,	Crisis
HEMOLIA	REA (261710)	http://www.hemolia.eu/index.php	Call 2010.1.3-1 CP Prevention	Hybrid Enhanced Money Laundering Intelligence, Investigation, Incrimination and Alerts; EU funds 2,979,390: HEMOLIA is a new generation Anti-Money Laundering AML intelligent multi-agent alert, investigation system in addition to traditional financial data. Financial Institutes (Banks, Insurance Companies, etc.). Adding Telecom Plane to existing Financial Plane may improve AML doctrines. Major part of HEMOLIA will be legal research, provision of legal guidelines to all ML fighters. To respect privacy rightsit will bring new model of Push Privacy Preserving Alerts where all FIUs and FIs are pushed with alerts that mark transaction or customer with money laundering / fraud risk level or risk probability, yet without disclosing any private data.	May. 2011 / Avr. 2014	VERINT SYSTEMS Ltd (IL - Israel) - Herzliya Pituach	FIU.Net - Den Haag (NL), Financial Investigation Unit Romania - Bucarest (RO), Grupo AIA - Barcelona (ES), Capgemini - Paris (F), Univers. Amsterdam VU (NL), Zwiazek Banków Polskich Izba Gospodarcza - Warszawa (PL), Univers. Warszawa (PL), Vereniging Voor Christelijk Hoger Onderwijs Patientenzorg - Amsterdam (NL), Orange Polska SA - Warszawa (PL), Industrial Research Institute for Automation and Measurements PIAP - Warszawa (PL), Ernst & Young - Tel Aviv (Israel),	Organised Crime	Cyber, Ethics, Law,
HIPOW	ENTR (284802)	http://www.hipow-project.eu/hipow/	Call 2011-1 CP Protection	Protection of Critical Infrastructures against High Power Microwave Threats, EU fund 3,373,579: Develop a holistic regime for protection of critical infrastructures CI against threats from electromagnetic radiation. It will include guidance regarding hardening measures,robust architectures, suggested crisis management process applicable on organizational level, input to standards, guidelines applicable for CI on national & EU level. It will conduct analyses, tests on components, systems, develop a prototype sensor that can detect radiation. It will recommend detection and protective measures, to - develop holistic regime for protection of CI against threats from electromagnetic radiation; - assist embryonic EU policy on protection of CI to mature; - educing CI vulnerabilities regarding EMP/HPM threats.	Jun. 2012 / May 2015	FOI (SE) - Stockholm	Demokritos Center - Athens (GR), - Valencia Itaca (ES), EADS - Paris (F), EIYD (ES), ONERA - Paris (F), AIT - Seibersdorf, near Wien (AT), FhG IAIS - Sankt Augustin (DE), FhG INT - Euskiirchen near Bonn (DE), CPST Centre for Physical Sciences and Technology - Vilnius, Lithuania (LT), Danish Defence Acquisition and Logistics Organization - Ballerup (DK), Grupoetra - Valencia (ES), FFI Norwegian Defence Research Establishment - Kjeller (NO), Net Technologies - Athens (GR), QinetiQ - Farnborough (UK), VOP - Šenov u Nového Jičína (CZ),	Protection of Critical Infrastructures against High Power Microwave Threats	CIs, Security Concepts,
HIT-GATE	REA (284940)	http://www.hit-gate.eu	Call 2011.5.2-1 CP Protection	Heterogeneous Interoperable Transportable GATEway for First-Responders; EU funds 3,451,257.: HITGATE is to develop a solution to communications interoperability between First-Responders (FR) networks. It will develop novel technological solution, interconnecting all existing communication systems via a dedicated node, ensure interoperability of all desired systems without modifications of handset devices, major communications infrastructure	Fev. 2012 / Aug 2014	Thales (F) - Paris	National Centre for Scientific Research Demokritos - Athens (GR), KEMEA - Athens (GR), Teletel SA - Athens (GR), Amper Sa - Madrid (ES), Cluster TIC Seguridad y Confianza CTSC - Madrid (ES), Edisoft - Porto (PT), Rohill Technologies BV - Hoogeveen (NL), ITTI - Poznan (PL), Thyia Tehnologije doo - Lubjana (SL), Rinicom Ltd. - Lancaster (UK),	Secure Communication, communications interoperability between First-Responder (FR) networks	Crisis,
HOMER	ENTR (312883)	No	Call 2012.1.3.2 CP Preparedness	Homemade explosives (HMEs) and recipes characterisation-Capability; EU fund 3,436,875: Basic knowledge unknown about HMEs; composition, characterisation. Review freely available recipes (internet), to evaluate their dangerousness. HOMER will implement comprehensive EU wide study on HMEs addressing many key questions including " what can be done to prevent or inhibit production of HMEs? what types of chemicals are available freely today for direct use in HMEs & what is chemical stability of HMEs	Nov. 2013 / Oct. 2016	PSNI Police Police Service of Northern Ireland (UK) - Belfast	BAM - Berlin (DE), Minist. Del Interior - Madrid (ES), Kentro Erevnon Notioanatolikis Evropis Astiki Mi Kerdoskopiki Etaireia - Thessaloniki (GR), Isdefe - Madrid (ES), Defense Institure - Sofia (BG), Univers. Queens of Belfast - Belfast (UK), Yara SA - Brussels (BE), Centre for Research and Technology - Thessaloniki (GR), Univers. Queen's Elisabeth - Dublin (IE), tamar israeli advanced quarrying co - Bazra (Israel),	Homemade explosives, prevent or inhibit production of HMEs	E, Crisis, Security,
HYPERION	ENTR (284585)	www.hyperion-fp7.eu	Call 2011-1 CP Response	Hyperspectral imaging IED and explosives reconnaissance system; EU fund 3,458,969: HYPERION develop, test a system concept for on-site forensic analysis of an explosion. Lead to very significant reduction in time delay of delivered forensic evidence requested by police. The fast crime scene investigation provided can help in rapidly finding terrorists, thus being pro-active in preventing future attacks	Aug. 2012 / Jul. 2015	FOI (SE) - Stockholm	FhG IAF - Freiburg (DE), TNO - Delft (NL), Aselsan Elektronik Sanayi ve Ticaret AS - Ankara (TR), Selex - Rome (IT), Morpho - Paris (F), Bundes Kriminal Amt BKA - Wiesbaden (DE), VIGO - Warszawa (PL), Turkish National Police - Ankara (TR), Portendo - Stockholm (SE), Tecnalia - Bilbao (ES), Swedish National Laboratory of Forensic Science - Linköping (SE)	on-site forensic analysis of explosion, IED, E reconnaissance system	E, Crisis,
HYRIM	REA (608090)	http://www.ait.ac.at/	Call 2013.2.5-4 CP Prevention	Hybrid Risk Management for Utility Providers; EU Funds 3,387,085: Identify, evaluate 'Hybrid Risk Metrics' for assessing & categorising security risks in interconnected utility infrastructure networks in order to provide foundations for novel protection, prevention mechanisms. - Development, evaluation of Hybrid Risk Metrics for coupled complex critical infrastructure networks - Development of tools, methods for risk assessment for utility providers in face of novel threats, - Definition of security architectures for utility providers	Avr. 2014 / Avr. 2017	AIT (AT) - Seibersdorf near Wien	Etra Investigacion y Desarrollo SA - Valencia (ES), Univers. Passau - Passau (DE), Selex - Rome (IT), Akhela Srl - Torino (IT), Univers. Lancaster (UK), LINZ AG für Energie, Telekommunikation, Verkehr und Kommunale Dienste - Linz (AT), Suministros Especiales Alginetenses Coop. V - Poeta Juan Alegre (ES),	Cyber Crime, Hybrid Risk Metrics, CI networks,	Cyber, Cis
I2C	REA (242340)	http://www.i2c.eu	Call 2009-3.2-02 IP Prevention	Integrated system for Interoperable sensors & Information sources for Common abnormal vessel behaviour detection & Collaborative identification of threat; EU Funds 9,869,621: I2C proposes a new generation of innovative sea border surveillance system to track all vessel movements to early identify, report on threats associated to detected suspicious events. Outcomes: » Innovative capacities to collect/pre-process/ fuse/exploit collected data & information to track all vessel types, to detect suspicious events, early identification of associated threats; » Assessments of added value of various sensor types, integrated data processing according to various threats, detection conditions; » Demonstration showing that integrated system fulfils operational needs with prototypes installed in a few operational centres.	Jan. 2010 / Jan. 2014	DCNS SA (F) - Toulon	Rockvell Collins ROC - Blagnac near Toulouse (F), Furuno Finland Oy - Espoo (FI), SES Astra TechCom SA - Betzdorf (LU), Kongsberg Norcontrol IT - Horten (NO), Kongsberg Spacetec - Troms (NO), ClearPriority SA - Waterloo (BE), ZLT Zeppelin Luftschifftechnik GmbH - Friedrichshafen (DE), Meteosim SI - Barcelona (ES), Ajecco Oy - Espoo (FI), Airshipvision international SA - Paris (F), Anne Littaye - Bidart near Biarritz (F), Intuilab - Labege (F), Sofresud - La Seyne sur Mer (F), Eric Van Hooydonk Advocaten - Antwerp (BE), Armines - Evry near Paris, Univers. Paul sabatier III - Toulouse (F), Onera - Paris (F), JRC - Brussels (BE), Deutsche Zeppelin-Reederei DZR - Friedrichshafen (DE),	Sea Boarders,	Security, Boarder, Transport

ICARUS	REA (285417)	http ://www.fp7-icarus.eu/	Call 2011.4.2-2 IP Response	Integrated Components for Assisted Rescue and Unmanned Search operations; EU Funds 12,584,933: It aims to develop integrated solutions for search, rescue teams that act after disasters, such as earthquakes in Haiti, Italy, tsunami in Japan. Unmanned vehicles (land, air, sea) will be equipped with sensors to detect victims that will facilitate rescue work. Introduction of unmanned Search & Rescue devices can offer a valuable tool to save human lives, to speed up SAR process. ICARUS concentrates on development of unmanned SAR technologies for detecting, locating, rescuing humans.	Fev. 2012 / Jan. 2016	Ecole Royale Militaire (BE) - Brussels	Space Applications Services NV - Brussels (BE), Estudios GIS - Miñano (ES), Centre de Tecnologia aerospacial CTAE - Barcelona (ES), FhG IZM- Berlin (DE), IMM Institute of Mathematical Machines - Warszawa (PL), JMDThèque - Binic near Saint- Brieuc (F°, Univers. TU Wien (AT), IntegraSys - Madrid (ES), Skybotix AG - Zurich (CH), Quobis Networks SL - Vigo (ES), INESC Porto - Porto (PT), Univers. Neuchatel (CH), ETHZ Swiss Federal Institute of Technology - Zurich (CH), Atos Madrid (ES), TU Kaiserslautern (DE), NATO Undersea Research Centre - La Spezia (IT), Calzoni Srl - Calderara Di Reno (IT), Metalliance - St Lubin de la Haye near Paris (F), Esri Portugal - Sistemas e Informaçao Geografica - Lisboa (PT), SpaceTec Partners SPRL - Brussels (BE), Escola Naval CINAV - Lisboa (PT), Belgian cross Bfast - Brussels (BE), EPFL - Lausanne (CH), Allen-Vanguard Ltd - Tewkesbury (UK),	Rescue & Unmanned Search operations, sensors, Restoring security and safety in case of crisis,	Crisis,
IDETECT 4ALL	REA (217872)	http://www.idetect4all.eu	Call 2007-2.3-04 CP Detection	Novel intruder detection & authentication optical sensing technology; EU funds 2,298,014: Overarching objective was to develop, test a system of sensor technologies to protect critical infrastructure. Key driver was to find ways to overcome high cost, unacceptable false alarm rates limiting deployment of existing security sensor technologies. Work focused on prototype sensors to detect intruders, remotely scan/read optical tags worn by authorised personnel & vehicles. Concept is based on illuminating protected area with invisible, modulated light, by using solid state scanning, to continuously monitor the 3D surface profile within protected area. Presence, location of intruders will be detected from variations inflicted on this 3D profile.	Jul. 2008 / Jun. 2011	Instro Precision Limited (UK) - Broadstairs near Dover	Motorola Israel Ltd - Tel Aviv (Israel), EVERIS Consulting - Madrid (ES), Cargo Airlines - Ben Gourion Airport (Israel), 3D sa - Thessaloniki (GR), ANA Aeroportos de Portugal - Lisboa (PT), Liège Air Cargo Handling Services - Grace Hoologne (BE), Azimuth Tecnologies Ltd - Raanana (Israel), Pro Optica SA - Bucarest (RO), Halevi Dweck & Co. Arttic Israel Company Ltd - Jerusalem (Israel), Arttic Israel International Management Services 2009 Ltd - Jerusalem (Israel),	Surveillance, system of sensor technologies to protect CI,	Crisis,
IDIRA	REA (261726)	http://www.idira.eu/	Call 2010.4.2-1 IP Prevention	Interoperability of data and procedures in large-scale multinational disaster response actions; EU funds 8,032,971: IDIRA will provide a conceptual framework for supporting, augmenting regionally available emergency management capacities (including IT systems) with flexibly deployable Mobile Integrated Command & Control Structure. This system of technologies & guidelines is designed to help in optimal resource planning & operations across national, organisational borders.	May. 2011 / Avr. 2015	FhG IVI - Dresden (DE),	Salzburg Research - Salzburg (AT), Frequentis AG - Wien (AT), Brimatech Services Gmbh - Wien (AT), National and Kapodistrian University of Athens NKUA - Athens (GR), Earthquake Planning and Protection Organization EPPO - Athens (GR), German Red Cross - Dresden (DE), Univers. of Greenwich near London (UK), IES Solutions - Rome (IT), Flexit Systems - Salzburg (AT), Austrian Red Cross Headquarters - Wien (AT), Hellenic Ministry of Defence - Athens (GR), Department of Fire Brigade, Public Rescue Civil Defence – Ministr. of Interior CNVVF - Rome (IT), Satways Ltd STWS - Halandri (GR), TLP, spol - Praha (CZ), World Agency of Planetary Monitoring & Earthquake Risk Reduction - Genève (CH), Local Government of Achaia Prefecture NEA - Patra (GR), Center for Security Studies KEMEA - Athens (GR),	Interoperability of data and procedures, large-scale multinational disaster, Mobile Integrated Command & Control Structure, system of technologies and guidelines, Restoring security and safety in case of crisis	Crisis, Security, Concepts
IF REACT	REA (285034)	http://www.ifreact.eu/	Call 2011.4.4-1 CP Response	Improved First Responder Ensembles Against CBRN Terrorism; EU Funds 3,394,615: IFREACT aims to provide next generation of protective clothing for first responders. Bringing together leading protective technology and blending it with some of latest software, it will enhance chemical, biological, radiological protection of EU first responders. EU major cities continue to face threat of terrorism, & in near future, may be subject to serious chemical, biological or radiological terrorist attack.	Jan. 2012 / Dec. 2014	Universite Paris XII- Val de Marne SAMU (F) - Paris	EADS Astrium - Paris (F), Bertin Technologies - Aix en Provence (F), Blücher Group - Erkrath (DE), Business Editing - Paris (F), National Protection and Rescue Directorate DUZS - Zagreb (HR), Hotzone Solutions Group HZS - Den Haag (NL), NBC-Sys - Versailles near Paris (F), Prometech - Utrecht (NL), SÚJCHBO - Zagreb (HR), Falcon Communications Limited CBRNe World - Winchester (UK),	Protective clothing for first responders, Restoring security and safety in case of crisis,	Crisis
IMCOSEC	REA (242295)	http://www.imcosec.eu/	Call 2009-1.1-01 CSA Preparedness	Integrated approach to IMprove the supply chain for COntainer transport and integrated SECurity simultaneously; EU funds 930,718: Define a basic concept, strategic roadmap for Demo project for security of supply chains to reconcile global transportation sector's 2 conflicting trends: free trade vs transport security. It analysed security regulations, standards, trends, identified security gaps via generic model of supply chains based on resilience & threat "trees" or charts, referenced projects, technologies, industry needs, defined a roadmap.	May. 2010 / Avr. 2011	TSB Innovationsagentur Berlin GmbH (DE) - Berlin	International Container Security Organisation - Brussels (BE), Union Internationale des sociétés de transport combiné Rail Route - Brussels (BE), Bureau International des Containers et du transport intermodal - Paris (F), CBRNE Ltd - Ashford (UK), Studiengesellschaft für den kombinierten Verkehr eV - Berlin (DE), Politecnico di Milano (IT), TU Hamburg (DE), Institut für Seeverkehrs wirtschaft Logistik - Bremen (DE),	Supply chain, global transportation, Container,	Security, Boarder, Transport
IMPACT EUROPE	REA (312235)	http://impacteurope.eu/	Call 2012-1 CP Prevention	Innovative Method and Procedure to Assess Counter-violent-radicalisation Techniques in Europe; EU funds 2,801,537: IMPACT Europe will fill gap in knowledge & understanding of 'what works' in tackling violent radicalization, developing evaluation toolkit that enables evaluators, policy-makers, frontline workers, academics in field of violent radicalization to answer: • How effective are various programs at tackling violent radicalization? • Why are they effective? • What is best practice in tackling violent radicalization? • How does this inform our knowledge, understanding of violent radicalization? This evaluation toolkit will help professionals in all sectors design, implement evaluations of their programs, whether policy or interventions. It will help professionals by integrating best practice into design.	Jan. 2014 / Aug. 2017	TNO (NL) - Delft	CEVAS di Liliana Leone - Rome (IT), FRS - Paris (F), International Security and Counter-terrorism Academy - Rishon Le-Zion (Israel), ISC Intelligence in Science - Brussels (BE), ITTI - Poznan (PL), Politie Zaanstreek-Waterland - Zaandam (NL), Radical Middle Way Community Interest Co - Wembley (UK), RAND Europe Community Interest Company - Cambridge (UK), Stichting dr. Hilda Verwey-Jonker Instituut - Utrecht (NL), Stichting Hogeschool - Utrecht (NL), Univers. degli Studi di Milano-Bicocca - Milano (IT),	Citizen Media, violent radicalization,	Security,

IMPRESS	REA (608078)	www.fp7-impress.eu	Call 2013.4.1-4 CP Response	IMproving Preparedness and Response of HEalth Services in major criseS; EU Funds 3,251,315: It will improve the efficiency of decision making in emergency health operations, having direct impact on services quality to citizens. Output provides consolidated concept of operations implemented as modular Decision Support System managing medical resources, prepare, coordinate response activities, using data from multiple heterogeneous sources. Improve preparedness of emergency medical services (ambulance dispatch centers, hospitals, volunteer communities) in numerous ways, including planning for all-hazards, increasing surge capacity, tracking availability of hospital beds, resources using electron-ic systems, developing interoperable systems. Provide health system with preparedness & response capabilities through guidelines, tools in case of large disasters.	May 2014 / May 2017	INTRASOFT International SA (LU) - Luxembourg	Public Health England - London (UK), Italian National Research Council - Consiglio Nazionale delle Ricerche - Rome (IT), Adittess Ltd - Nicosia (CY), Satways Ltd - Halandri Attikis (GR), Institute of Information and Communication Technologies - Sofia (BG), Center for Security Studies KEMEA - Athens (GR), FhG IVI - Dresden (DE), Ecomed bvba - Lille (F), European University Cyprus EUC - Nicosia (CY), National Health Command Center Ekepy - Athens (GR),	Emergency health operations, decision making, preparedness of emergency medical services ,	Crisis,
IMSK	ENTR (218038)	http://www.imsk.eu/	Call 2007-1.2-02 Demo Detection	Integrated Mobile Security Kit (IMSK); EU fund 14,864,308: It will combine technologies for area surveillance; checkpoint control; CBRNE detection;support for VIP protection into mobile system for rapid deployment at venues & sites (hotels, sport/festival arenas...). It accepts input from wide range of sensor modules. Sensor data will be integrated through secure communication module & data management module, output to command & control centre. End-users will define overall system requirements, ensuring compatibility with pre-existing security systems & procedures. Compatible with new sensors, including cameras (visual & infra-red); radar; acoustic; vibration; x-ray gamma radiation & CBRNE. Tracking of goods, vehicles & individuals will enhance situational awareness, personal integrity will be maintained by non-intrusive terahertz sensors. Close cooperation with end-users will ensure compatibility with national requirements, appropriate interfaces with existing procedures.	March 2009 / Fev 2013	Saab AB (SE) - Göteborg	JRC - Brussels (BE), CEA - Paris (F), Reading Univ - London (UK), Tyia tech - Lubjana (SI),Telespazio - Rome (IT), D Fussball Bund - Frankfurt (DE), DLR - Köln (DE), Trivision APS - Odense (DK), Selex - Rome (IT), Minist. Intérieur - Paris (F), Qascom - Bassano del Grappa VI (IT), Airshipvision int - Paris (F), Univers. Degli Studi Di Catania - Catania (IT), Regione Lombardia - Milano (IT), FOI - Stockholm (SE), Univers. Oxford(UK), Eppra - Paris (F), Thales - Paris (F), Cilas - Orléans (F), AS regio - Tartu (EE), FhG ISST - Berlin (DE), VTT - Espoo (FI), Diehl - Uberlingen (DE), Bruker - Bremen (DE), Swedish Police - Stockholm (SE),	into a mobile system for rapid deployment at venues and sitearea surveillance; checkpoint control; CBRNE detection; VIP protection, Restoring security and safety in case of crisis,	CBRNE
INACHUS	REA (607522)	in building	Call 2013-1 IP Response	Technological and Methodological Solutions for Integrated Wide Area Situation Awareness and Survivor Localisation to Support Search and Rescue Teams; EU Funds EUR 10,008,434: Aiming at achieving time reductions, increased efficiency in Urban Search, Rescue Operations. It provides refined information to response forces following disaster event to assist in helping to find survivors. This will start with initial situation assessment based on satellite imagery & damage simulation with synthetic models, followed by 3D data generation based on imagery from unmanned aerial vehicles (UAV) and ground-based laser scanners, and eventually robots and other suitable instruments to find survivors being deployed in the field. ITC is one of two partners focusing on the remote sensing based aspects, and the project builds on a related ongoing FP7 project RECONASS. INACHUS aims to achieve significant time reduction & increase efficiency in USaR operations by providing: 1.Simulation tools for estimating the locations of	Sept. 2014 / Sept. 2018	ICCS Institute of Communication and Computer Systems(GR) - Zografou near Athens	ASI Europe, SRL - Piacenza (IT), Centre for Irish and European Security Ltd - Dublin (IE), Cinside AB - Linköping (SE), Crisisplan BV - Leiden (NL), Diginext sarl - Aix en Provence (F), CEREN Pole Risque - Gardanne (F), EXUS Software Ltd - London (UK), FhG EMI - Freiburg (DE), Fundación Tekniker - Gipuzkoa (ES), Holistic Innovation Institute - Madrid (ES), Laurea-ammattikorkeakoulu oy - Espoo near Helsinki (FI), Mikrosystimata Mikrorois Gia - Aghia Paraskevi (GR), Onera - Paris (F), Schüßler-Plan Ingenieurgesellschaft mbh - Düsseldorf (DE), Service Départemental d'Incendie et de Secours des Bouches-du-Rhône SDIS 13 - Marseille (F), Södertörns brandförsvars förbund - Stockholm (SE), Stiftelsen Sintef - Tronheim (NO), TELINT rtd Consultancy Services Ltd - London (UK), FOI - Stockholm (SE), Univers. Twente (NL),	Survivor Localisation, Urban Search, Rescue Operations,	Crisis
INDECT	REA (218086)	www.indect-project.eu	Call 2007-1.2-01 IP Detection	Intelligent information system supporting observation, searching and detection for security of citizens in urban environment; EU funds 10,906,984: Develop solutions, tools for automatic threat detection through e.g. processing of CCTV camera data streams, standardization of video sequence quality for user applications, threat detection in computer networks as well as data & privacy protection. New techniques for data intelligent analysis will allow recognizing such situations, & giving alert before too late. Objective is to recognize events that could lead to terrorist attacks (e.g. left luggage at airport, automatic recognition of dangerous tools). Develop advanced, innovative algorithms for human decision support in combating criminal activities, as human trafficking, child pornography, detection of dangerous situations, use of dangerous objects (e.g. knives or guns) in public spaces.	Jan. 2009 / Jan. 2014	AGH University of Science and Technology AGH (PL) - Krakowie	Univers. of Technology - Gdansk (PL), InnoTec Data Gmbh - Bad Zwischenahn (DE), Grenoble INP - Grenoble (F), General Headquarters of Police - Warsaw (PL), Indesol - Lleida (ES), PSI Transcom Gmbh - Berlin (DE), Police Service of Northern Ireland - Belfast (UK), Poznan University of Technology - Poznan (PL), Universidad Carlos III de Madrid (ES), Technical University of Sofia - Sofia (BG), University of Wuppertal - Wuppertal (DE), Univers. of York - York (UK), Technical University of Ostrava - Ostrava (CZ), Technical University of Kosice - Kosice (SK), X-Art Pro Division Gmbh - Wien (AT), Fachhochschule Technikum Wien (AT),	Intelligence against Terrorism, Security of citizens, automatic threat detection, Intelligent urban environment observation system,	Crisis, Security,
INDIGO	REA (242341)	http://indigo.diginext.fr	Call 2009-4.3-03 CP Prevention	Innovative Training & Decision Support for Emergency operations; EU funds 2,787,672: It aims to provide a revolutionary solution that will enable inter-organisational preparation, support response to transboundary crises & disasters, in any environment. It will allow for inter-organizational exercising, information sharing and analysis (mining both horizontal and vertical relations). Relation between central command centres & field units is underdeveloped. First responders (FR) are insufficiently involved in large-scale strategic exercises. System will prove essential & integrated tool for training personnel, planning operations, facilitating crisis management & co-operation across organisations, nations	May 2010 / Avr. 2013	DIGINEXT SARL (F) - Aix en Provence, filiale CS	Consiglio Nazionale delle Ricerche CNR - Rome (IT), Center for Advanced Studies, Research and Development in Sardinia - Pula (IT), Immersion SAS - Toulouse (F), CEN European Committee for Standardization - Brussels (BE), Crisisplan CRISP - Leyden (NL), Swedish National Defence College CRISM - Stockholm (SE), Entente pour la forêt méditerranéenne (CEREN) - Gardane (F),	Cross-cutting crisis management, tool for training, Restoring security and safety in case of crisis,	Crisis,

Acronym	Agency (ID)	Website	Call / Type	Description	Dates	Coordinator	Partners	Theme	Keywords
INEX	REA (218265)	http://www.inexproject.eu/	Call 2007-6.5-02 CP Ethics	Converging and conflicting ethical values in the internal/external security continuum in Europe; EU funds 1,890,248: INEX is analysing, clarifying, documenting the ethical value assumptions on security. It is designed around 2 axes: Thematic axis: knowledge of high relevance to ethics, value-laden tensions arising along continuum internal & external security in EU: 1.Ethical consequences of prolif. of security technol., 2. Legal dilemmas from transnational security arrangements, 3.Ethical, value questions from shifting role of security professionals, 4.Consequences of changing role of foreign security policy. Geopolitical axis: Eastern European including Belarus, Ukraine, Moldova & Mediterranean 'neighbourhood' including Morocco, Algeria, Egypt. The state-of-art research carried out will result in variety of different outputs aimed at relevant policy- makers, educators, researchers. It will present analyses of current security	Mar. 2008 / Mar. 2011	PRIO International Peace Research Institute, Oslo (NO)	Ericsson - Fornebu (NO), Centre d'Etudes sur les Conflits CEtC - Paris (F), VUB Vrije Universiteit Brussel (BE), Vrije Universiteit Amsterdam (NL), Collegium Civitas - Warszaw (PL), CIDOB Foundation - Barcelona (ES), Bilkent University - Ankara (TR), Center for European and Policy Studies CEPS - Brussels (BE),	Ethics Justice,	Ethics
INFRA	REA (225272)	http://www.infra-fp7.com/	Call ICT-SEC-2007-1.0-04 CP Detection	Innovative & Novel First Responders Applications; Eu funds 2,642,895: INFRA develops new digital-based personal technologies for integration into secure emergency manag. system to support first responders (FRs) involved in critical infra structure incidents. Technologies, applications in Madrid included: » obust ad-hoc mesh topology broadband wireless network for interoperability between standard FRs radio sets; »non-invasive biometric sensors integrated onto wearable; "finger clip" to monitor FR's vital signs such as blood haemoglobin, oxygen levels, heart rate, temperature; » lightweight optical gas sensors for detecting O2, CO2, methane levels, radiation sensors for detecting x-rays, alpha & beta rays, » video annotation system to enhance visu;	Mar. 2009 / Mar. 2011	Athena GS3 Security Implementations Ltd (Israel) - Holon	Halevi Dweck & Co. Arttic Israel Company Ltd - (Israel), Univers. of Limerick (IE), Isdefe - Madrid (ES), Democritus University of Thrace - Komotiní (GR), Rinicom - Lancaster (UK), Everis - Madrid (ES), Hopling Networks BV - Almere (NL), Opgal Optronic Industries Ltd - Karmiel (Israel), Research and Education Laboratory in Information Technologies - Athens (GR),	ICT support for first responders in crises occurring in critical infrastructures, interconnectivity and interoperability,	CBRN, Crisis,
INGRESS	REA (312792)	http://www.unibo.it/en/research/projects-and-initiatives/Unibo-Projects-under-7th-Framework-Programme/cooperation-1/security/ingress	Call 2012.3.4-2 CP Detection	Innovative Technology for Fingerprint Live Scanners; EU funds 3,233,782: It is to research, develop, validate innovative technology to take fingerprint images by looking at additional biometrics associated with the finger. It will pave the way to innovative fingerprint scanners capable of properly sensing intrinsic very-low quality and/or characterized by superficial skin disorders. Technology stream focuses on medical imaging technique, such as ultrasound, Full Field Optical Coherence Tomography (FFOCT), to acquire fingerprint matrix in dermis.	Nov. 2013 / Oct. 2016	Morpho (F) - Paris	Univers. Lausanne (CH), CSEM - Neuchatel (CH), CNRS - Paris (F), Minist. Intérieur - Paris (F), Przedsiębiorstwo Badawczo-Produkcyjne OPTEL Spółka zoo - Wrocław (PL), Turkiye Bilimsel Kurumu - Ankara (TR), Rijksuniversiteit Groningen - Groningen (NL), Hogskolen i - Gjovik (NO), Università di Bologna Alma mater studiorum - Bologna (IT),	Boarder check,	Security, Boarder, Transport
INNOSEC	REA (285663)	http://www.innosec-project.eu	Call 2011.7.5-1 CP Preparedness	INNOvation Management Models for SECurity Organizations; EU funds 1,289,778: Develop novel innovation model for security sector based on networked relationships between actors & associate organisational framework that will allow end-users to develop ability to handle, utilise currently available & forthcoming innovations. It will foster balance between innovation strategies, creating dynamic capabilities.	Fev. 2012 / Jan. 2014	Technalia (ES) - Madrid	FhG INT - Euskirchen near Bonn (DE), VTT - Espoo (FI), Minist. de Defensa - Madrid (ES), FOI - Stockholm (SE), Austrian Institute of Technology GmbH AIT - Wien (AT), TNO - Delft (NL), Univers. of Manchester (UK), Austrian Red Cross - Wien (AT), Prosegur Compañía de Seguridad SA - Madrid (ES),	Modelling security innovation	Security, Concepts
INSEC	REA (285287)	www.insec-project.eu	Call 2011.7.5-1 CSA Preparedness	Increase Innovation and Research within Security Organisations; EU funds 1,126,862: It will focus on: 1. Development of new internal innovation management model, to allow security organisations to better manage both financial impacts & added value of innovating projects. 2. Development of external innovation platform in order to promote networking between EU security SMEs, public/private security organisations. Two major European-scale events will be organised to share good practises in innovation management, dissemination will be though e-learning training modules developed within project.	Apr. 2012 / Apr. 2014	Alma Consulting Group (F) - Paris	Police Force of Hungary - Budapest (HU), National Security Office GNS - Lisboa (PT), Ministr. of Administration and Interior - Bucarest (RO), Baltic Innovation Agency - Tartu (EE), Grad - Skopje (Former Yugoslav Republic of Macedonia), Policia Judiciaria - Lisboa (PT), Globaz SA - Oliveira de Azeméis (PT), Civitta - Tartu (EE), FM Management Consultancy Srl - Bucarest (RO), EFPC - Motherwell (UK), Inogate - Coimbra (PT), Everis - Madrid (ES),	End Users, Innovation and research within security organisations, Helping emergency services to innovate,	Security, Concepts
INSPIRE	CNECT (225553)	http://www.inspire-strep.eu	Call FP7-ICT-SEC-2007-1 STREP Prevention	INcreasing Security and Protection through Infrastructure REsilience; EU fund 3,697,402: INSPIRE proposal is to protect critical information infrastructures by appropriately configuring, managing, securing the communication network which interconnect distributed control systems: • Analysis, modelling of dependencies between CIs & underlying communication networks; • Designing, implementing traffic engineering algorithms to provide SCADA traffic with quantitative guarantees; • Exploiting peer-to-peer overlay routing mechanisms for improving resilience of SCADA systems; • Defining self-reconfigurable architecture for SCADA systems, Development of diagnosis, recovery techniques for SCADA systems;	Nov. 2008 / Jan. 2011	CINI Consorzio Interuniversitario Nazionale per l'Informatica (IT) - Roma	TU Darmstadt (DE), Thales - Paris (F), Elsag Datamat (IT), ITTI - Poznan (PL), S21Sec Information Security labs - Pamplona (ES), KITE Solutions - Laveno/Mombello (IT), Centre for European Security Strategies - München (DE),	Critical Infrastructure Protection,	Cyber, Cis,
INTACT	REA (606799)	not yet available	Call 2013.2.1-2 CP Prevention	On the Impact of Extreme Weather on Critical Infrastructures; EU funds 3,445,519: Objectives: • assess regionally differentiated risk in EU associated with extreme weather; • identify, classify on EU wide basis CI & to assess resilience of such CI to EWE impact; • raise awareness of decision-makers, CI operators about challenges EW conditions may pose to their CI; • identify potential measures, technologies to consider, implement, be it for planning, designing, protecting CI or for effectively preparing for crisis response, recover; It brings together community of climatologists, civil protection operators, meteorologists, with those of owners / operators of CI planners to develop prevention of major disasters in cascading effects.	May. 2014 / Avr. 2017	TNO (NL) - Delft	CMCC Euro-Mediterranean Center on Climate Change - Lecce (IT), DELTARES Stichting deltares - Delft (NL), FAC Future Analytics Consulting Ltd - Dublin (IE), Dragados Sa - Madrid (ES), HR Wallingford Ltd - Wallingford (UK), Panteia BV - Zoetermeer (NL), NGI Stiftelsen Norges Geotekniske Institutt - Oslo (NO), CSIC Agencia Estatal Consejo Superior de Investigaciones Cientificas - Madrid (ES), UNU-EHS United Nations University - Tokyo (Japan), Univers. of Ulster - Coleraine (UK), VTT - Espoo (FI),	Extreme weather, climate parameters, critical infrastructure, resilience enhancement, risk-based techniques, CI design, cost benefit analysis, crisis response, vulnerability assessment,	Cis, Security, Concepts

Project	Agency (ID)	URL	Call / Type	Description	Dates	Coordinator	Partners	Keywords	Category
IPATCH	REA (607567)	http://www.ipatchproject.eu/partners.aspx	Call 2013.2.4-2 CSA Preparedness	Intelligent Piracy Avoidance using Threat detection and Countermeasure Heuristics; EU funds 2,976,845: Scientific and Technical Objectives: 1. Collect, consolidate, rationalise historical data on piracy incidents; 2. Perform an in-depth analysis of historical data on piracy incidents in terms of legal, ethical, societal, economic implications; 3. Produce a manual on use & implement of countermeasures against piracy; 4. Build an on-board system for early detection, classification, mitigation of piracy threats; 5. Provide a demonstration of automated decision support for piracy threat countermeasures; 6. Produce a Maritime Data Set to evaluate performance of threat detection algorithms;	Mar. 2014 / Avr. 2017	BMT Group Ltd (UK) - Teddington near London	FOI - Stockholm (SE), Univers. of Reading - London (UK), ITTI - Poznan (PL), Sagem - Paris (F), Univers. Cattolica Del Sacro Cuore - Milano (IT), Thermal Engineering Systems AB - Linkoping (SE), Univers. of Namur - Namur (BE), Foinikas Shipping Company - Athens (GR),	Supply chain, Non-military protection measures for merchant shipping against piracy	Security, Boarder, Transport
ISAR+	REA (312850)	http://isar.i112.eu/	Call 2012.6.1-3 CP Response	Online and Mobile Communications for Crisis Response and Search and Rescue; EU funds 3,987,991: Study the use of social media in crisis management under THEO analytical framework, which embraces dimensions: 1. Technological - focused on integration of equipment, communications, information processing technologies; 2. Human, dedicated to citizens' perspective on acceptance, employment of mobile & social media technologies in crises; 3. Ethical, legal - concerned with ethical principles, legal framework applicable to establish ethics-by-design project, debate boundaries of privacy rights & public security; 4. Organisational - considering PPDR organisations, culture, roles, processes, competences, training, technologies.	Jan. 2013 / Jul. 2015	Tekever. (PT) - Lisboa	Area7 - Roma (IT), Polícia de Segurança Pública - Lisboa (PT), Deveryware - Paris (F), Emergency Services College - Kuopio (FI), Ernst-Moritz-Arndt-University Greifswald – Institute of Psychology - Greifswald (DE), ITTI - Poznan (PL), National Centre on Emergency Communication in Health - Bergen (NO), North Savo Rescue Department - Savo (FI), Police and Crime Commissioner for North Yorkshire - Harrogate (UK), Pôle Pilote de Sécurité Locale -Elancourt near Paris (F), Police College of Finland - Tampere (FI), University of Dublin (IE), Thales - Paris (F), University of Eastern Finland - Kuopio (FI), Zanasi & Partners - Modena (IT),	Citizen Media, violent radicalization, Use of new communication/social media in crisis situations,	Security, Concepts
ISIS	ENTR (312330)	http://www.isis-project.eu/	Call 2012-1.5.2 CP Detection	Integrated intelligent sensor system for improved security of water supply; EU fund 3,484,929: Integrated intelligent sensor system for improved security of water supply; ISIS will provide public security developing an advanced monitoring system for drinking water networks that instantly detects chemical or biological tamination, gives clear indication of the risk level. The ISIS project will combine advances in state-of-art in 4 main areas: sensors; wireless networks; intelligent surveillance strategies & integrated risk analysis software. It will enable immediate alert of C or B taminations &, crucially, indicate location & nature of hazard, level of risk.	Jan. 2014 / Dec 2016	C-Tech Innov. Ltd (UK) - Chester near Liverpool	Kauno Vandenys - Kaunas (LT), Vivaqua - Brussels (BE), CNIguard - Stanmore (UK), Advanticsys Sistemas y Servicios - Madrid (ES), Aleksandras Stulginskis Univers. - Dotnuva (LT), CEA- Paris (F), Univers. Wien (AT), Univers. Tor Vergata - Roma (IT), IOS International - Diepenbeek (BE),	Security of water supply	C, B
ISITEP	REA (312484)	http://isitep.eu/about/project-objectives.php	Call 2012.5.3-4 IP Response	Inter System Interoperability for Tetra-TetraPol Networks; EU funds 10,292,495: Aims to deliver a Global solution for interoperability between first responder (FR) communication systems. 2 main PPDR communication systems in EU: TETRA & TETRAPOL remaining operational until 2025. PPDR Communication among MS is limited due to incompatibility of radio systems, unavailability of suitable interconnection interfaces. In addition, current legal regulations, lack of common procedures have limited national forces when operating abroad. Interoperability would allow FRs to communicate through their own terminals in visiting Country. It can be achieved by interconnecting networks with gateways, enabling visiting terminals to migrate to foreign networks using radio coverage of visited countries & sharing talk groups.	Sept. 2013 / Aug. 2016	SELEX (IT) - Florence	Belgian Federal Police - Brussels (BE), Motorola Solutions Danmark AS - Copenhagen (DK), Amper - Madrid (ES), Devoteam Fringes - Madrid (ES), Univers. Politècnica de Catalunya - Barcelona (ES), Net Technologies - Athens (GR), EADS Cassidian - Paris (F), ISCOM Istituto Superiore Delle Comunicazioni E Delle Tecnologie Dell'informazione - Rome (IT), Univers. Degli Studi Roma - Rome (IT), Norwegian Ministry Of Justice And Public Safety - Oslo (NO), Ministr. of Security and Justice - Delft (NL), TNO - Delft (NL), MSB Myndigheten For Samhallsskydd Och Beredskap - Stockholm (SE),	Interoperability,	Crisis
ISTIMES	REA (225663)	www.istimes.eu/	Call FP7-ICT-SEC-2007-1 CP Detection	Integrated system for transport infrastructures surveillance, monitoring by electromagnetic sensing; EU funds 3,113,460: It has designed, assessed a prototypical modular, scalable ICTbased system, exploiting distributed & local sensors, for non-destructive electromagnetic monitoring, dedicated to reliability, safety of critical transport infra structures, ISTIMES is able to couple current monitoring of CIs with high situational awareness during crisis management. Provide updated, detailed real & near real time information about the infrastructure status to improve decision support for emergency & disasters stakeholders.	Jul. 2009 / Jun. 2012	Technologies for Earth Observations and Natural Hazards TeRN (IT) - Tito Scalo near Potenza	Telespazio Spa - Rome (IT), Dipartimento di Protezione Civile - Rome (IT), EMPA - Thun (CH), Ifsttar - Marne la Vallée near Paris (F), Univers. Lund - (SE), Univers. Tel Aviv (Israel), Territorial Data Elaboration TDE - Bucarest (RO), Norsk Elektro Optikk AS - Lørenskog (NO),	Remote monitoring of bridges and tunnels ,	Security, Boarder, Transport
L4S	REA (225634)	www.L4S-project.info	Call FP7-ICT-SEC-2007-1 CP Prevention	Learning for security project; EU funds 2,415,768: L4S develop deployable life-long learning service to improve crisis management skills, competencies of security personnel, focused on air, sea transport disaster scenarios. "L4S learning experiences service" consist of advanced simulation games, learning/networking applications. L4S portfolio contains a WEB 2.0 advanced networking, sharing tool named "CRISIS TUBE Leadership Learning Network", as well as supportive online workshop tool known as "OWL4S".	Jul. 2009 / Jul. 2011	Deloitte Business Solutions Anonymi Etairia Symvoulon Epicheiriseon (GR) - Athens	Oesterreichische Studiengesellschaft Fuer Kybernetik - Wien (AT), Alphalabs Sarl - Chartrettes (F), Univers. Der Bundeswehr - Muenchen (DE), Laboratory of Business Administration - Athens (GR), Univers. Cattolica Del Sacro Cuore - Milan (IT), FVA Sas - Rome (IT), International airport - Athens (GR), Creurers del port de Barcelona (ES), Frequentis AG - Wien (AT), Akad Wissenschaftliche Hochschule Lahr Gmbh - Stuttgart (DE),	Computer 'games' for learning crisis management skills,	Crisis

LASIE	REA (607480)	http://www.lasie-project.eu/	Call 2013.1.6-1 IP Prevention	Large Scale Information Exploitation of Forensic; EU funds 8,323,805: It will design, develop a novel framework to assist forensic analysts in their investigations. Based on automated technology for advanced data processing supported by human component in critical decision making stages, as legal, ethical aspects. It will consist of tools to automatically manipulate, analyse, fuse vast amounts of heterogeneous data acquired from different sources including CCTV surveillance, confiscated desktops, hard disks, mobile devices, Internet networks, calligraphic documents: data considered text, images, video, audio, biometric information in multiple formats. Knowledge repository will be built, provide feedback to refine their search criteria. LASIE will follow privacy-by-design approach, ensuring that all functionalities, used forensic data obey legal, ethical restrictions, national laws.	May 2014 / Dec. 2017	Engineering - Ingegneria Informatica Spa (IT) - Roma	Centre for Research and Technology Hellas - Athens (GR), Neuropublic Ae - Athens (GR), Univers. Queen Mary Westfield College - London (UK), Metropolitan Police Service - London (UK), Sensegraph Ltd - Hartlepool (UK), Prio Institutt for Fredsforskning Stiftelse - Oslo (NO), Huawei Technologies Duesseldorf Gmbh - Berlin (DE), TU Berlin (DE), United Technologies Research Centre Ltd - Belfast (IE), Innovation Engineering Srl - Milan (IT), Venaka Media Ltd - Manchester (UK), ACIC sa - Mons (BE), Institut Mines-Telecom - Paris (F), Universidad Politecnica de Madrid (ES), Visionware-Sistemas de Informacao - Santander (PT), Ayuntamiento de Madrid (ES), Univers. of Greenwich (UK),	Informaion Gathering, face-recognition, Forensic, automated technology for advanced data processing,	Ethics, Cyber,
LEILA	REA (608303)	http://www.leila-project.eu/	Call 2013.7.6-1 CP Prevention	Law Enforcement Intelligence Learning Application; EU Funds 1,499,837: Via holistic learning methodology & "serious games" solution, LEILA will enable to empower intelligence analysts by improving their cognitive capabilities, reasoning skills, creative approach.Innovation of this holistic approach is to bring by combination of several fields, normally explored & applied separately such: psycho-sociological, cognitive factors in decision making (decision biases, critical thinking, multiple reasoning strategies, creativity), decision making strategies under uncertainty (Bayesian approaches, game theory), group interaction dynamics in intelligence analysis.	Apr. 2014 / Mar. 2016	Gklompo Technologiki Pliroforiki Anonymi Etaireia (GR) - Halandri near Athens	AlphaLabs Sarl - Chartrettes (F), KEMEA - Athens (GR), Fva S.a.s Di Louis Ferrini & C - Rome (IT), Ministerul Apararii Nationale - Bucarest (RO), ORT France - Paris (F), Zanasi - Modena (IT),	Training,	Security Concepts, Crisis,
LINKSCH	REA (285073)	In Building	Call 2011.1.4-1 CP Prevention	Grasping the Links in the Chain: Understanding the Unintended Consequences of International Counter-Narcotics Measures for the EU; EU funds 881,742: It undertakes comparative strategic study of two major drug markets, heroin and marijuana, through prism of transit chains, operating between Afghanistan, EU, North Africa, with a view to then evolving a more comprehensive counter-narcotics policy aimed at minimising proliferation of unintended consequences. Via combination of building up an up-to-date strategic model of how these two drugs markets currently operate, conducting interviews with counter-narcotics practicioners, field research in both the source, transit chain countries concerned, disseminating this research in form of concrete policy recommendations via conference activity and publications,	Fev. 2012 / Jan. 2015	University of Glasgow (UK)	Virtual Hand Research - Amsterdam (NL), CNRS - Paris (F), Univers. Coventry (UK), Univers. of London (UK), Thornley Mansfield Ltd - Plymouth (UK), Univers. Potsdam (DE),	Ordinary Crime Forensic, Understanding of unintended consequences of global illicit-drug control measures,	Security, Crime,
LOGSEC	REA (241676)	www.logsec.org/	Call 2009-1.1-01 CSA Prevention	Development of a strategic roadmap towards a large scale demonstration project in European logistics and supply chain security; EU funds 753,372: Developed a strategic roadmap for supply chain security, analyzed importance of political, regulatory, technological aspects, produced recommendations . Keytechnologies, procedural aspects include: container, goods/inventory, authentication, traceability, inspection, monitoring technologies; risk assessment systems & models; Information transfer systems; Intermodal transport security; modernisation of customs procedures; protection of supply chain infrastructure. User requirements, data collection steps included: » literature, project reviews, » end-user interviews, » user surveys, » user workshops.	Mar. 2010 / Mar. 2011	EFP Consulting (UK) - Leeds	Atos - Madrid (ES), Cross-border Research Association - Lausanne (CH), European Council of Transport Users - Brussels (BE), Szkoła Główna Handlowa w - Warszawa (PL), Clecat - European Association for Forwarding, Transport, Logistics and Customs Service - Brussels (BE), Innovative Compliance Europe Ltd - London (UK), Eidgenössische Zollverwaltung - Bern (CH),	Supply chain, Logistic,	Security, Boarder, Transport
LOTUS	ENTR (217925)	www.lotusfp7.eu	Call 2007-1.3-03 CP Detection	Localisation of Threat Substances in urban areas; EU fund 3,189,146: LOTUS concept is to detect precursors over wide urban area. The detectors may be placed at fixed positions although most detectors should be mobile. Size of today's detectors makes placement suitable in vehicles such as police or other law enforcement vehicles. Major outputs from LOTUS project: 1. knowledge on threat substance manufacture, dispersion; 2. 4 networked sensor modules; 3. one operations centre display unit; 4. test, verification and demonstration of LOTUS concept to stakeholders & end-users in EU.	Jan. 2009 / Jul 2011	FOI (SE) - Stockholm	Portendo AB - Stockholm (SE), Saab AB Göteborg (SE), Bruker Gmbh - Bremen (DE), Ramem SA - Madrid (ES), Bruhn NewTech A/S - Soeborg (DK), Research and Education Laboratory in Information Technologies - Athens (GR), TNO - Delft (NL), Univers. Barcelona (ES), Secrab Security Research - Uttran (SE),	Localisation & tracking of components of substance production	CBRN
MEPROCS	REA (285624)	http://www.meprocs.eu	Call 2011.1.4-3 CSA Preparedness	New methodologies and protocols of forensic identification by craniofacial superimposition; EU funds 1,005,800: Aims to propose common EU framework to allow extensive application of CS technique in practical forensic identification scenarios commonly tackled by EU scientific police units. It will include: i) implementation of existing semi-automatic method to assist forensic experts in application of CS; ii) definition of standard protocols at EU level; iii) specification of forensic science methodology to provide objective evaluation of forensic identification results achieved by CS; Project promotes validation, exchange of CS protocols, methodologies among different organisations. Complete screening made on craniofacial identification, practitioners, research groups. It has defining standard protocols for each kind of consider scenario, by selecting best practices identified.	Fev. 2012 / Jul 2014	Fundación para el Progreso del Soft Computing - Mieres near Gijon (ES),	Consorzio di RIcerca Sistemi ad Agenti - Salerno (IT), Europäischer Ausschuß für Rechtsmedizin e.V - Köln (DE), Univers. de Granada (ES), Univers. de Coimbra FTUC (PT), Ministr. del Interior - Madrid (ES), Ministr. of Public Security - Ramle (Israel),	Ordinary Crime Forensic, Harmonising crime scene ID methods,	Security, Concepts, Legal,

Acronym	Agency	Website	Call	Duration	Coordinator	Partners	Topic	Keywords
MICIE	CNECT (225353)	http://www.micie.eu/	Call ICT-SEC-2007.1.7 CP Preparedness	Sept. 2008 / Fev. 2011	SELEX (IT) - Florence	Univers. Coimbra (PT), Centre de Recherche Public Henri Tudor - Luxembourg (LU), Univers. of Rome CRAT - Rome (IT), ENEA - Rome (IT), Industrial Research Institute for Automation and Measurements PIAP - Warsawa (PL), Israel Electric Corp - Haifa (Israel), itrust consulting sarl - Berbourg (LU), Multitel ASBL - Mons (BE), University of Bradford (UK),	Critical infrastructure protection,	Crisis
						Tool for systemic risk analysis and secure mediation of data exchanged across linked CI information infrastructures, EUR 3,496,456; MICIE project, being in line with EU initiative to establish a Critical Infrastructure Warning Information Network (CIWIN), will design, implement so-called "MICIE alerting system" that identifies, in real time, the level of possible threats induced on given CI by "undesired" events happened in such CI and/or other interdependent CIs. MICIE alerting system will support CI operators providing them with a real time risk level (e.g. expressed in a chromatic scale such as green, yellow, red).					
MIDAS	REA (242345)	http://web.ita.es/midas/	Call 2009-1.3-04 CP Preparedness	Sept. 2010 / Aug. 2013	Forensic Science Service Ltd (UK) - Marston Green near Birmingham	Arizona Board of Regents - Tempe (United States), Medizinische Universität Innsbruck (AT), Netherlands Forensic Institute - The Hague (NL), Bundeskriminalamt BKA - Berlin (DE), Forensic Science Service Ltd - Birmingham (UK), Grid Xitek Ltd - Usk (UK),	Ordinary Crime Forensic, Advanced forensic toolbox,	Security, Concepts, Ethics, Legal,
						The development and validation of a rapid millifluidic DNA analysis system for forensic casework samples; EU funds 3,231,404: MiDAS will deliver automated DNA analysis technology, will validate this technology, associated processes required for its implementation, enabling forensic DNA analysis to be carried out at crime scene. With fast results authorities will have opportunity to rapidly compare scene samples against DNA profiles from known criminals or results from other crime scenes held in national DNA databases. It will have dramatic implications for both criminal justice, international security, with ability to deliver vital intelligence results much more quickly both in national sense and across the EU.					
MIRACLE	ENTR (312885)	http://www.miracle-fp7.eu/	Call 2012.4.4-1 CSA Preparedness	Dec. 2013 / May 2015	UCL (BE) - Bruxelles	Rijksinstituut voor Volksgezondheid en Milieu (RIVM) - Bilthoven (NL), FOI - Stockholm (SE), Health canada - Ottawa (Canada), Bundesministerium der Verteidigung BMVg - Berlin (DE), Police Service of Northern Ireland PSNI - Coleraine (UK), Forsvarets Forskninginstitutt FFI - Kjeller (NO), EADS Astrium - Paris (F),	CBRN deployable capacities, mobile laboratory,	CBRN
						Mobile Laboratory Capacity for the Rapid Assessment of CBRN Threats Located within and outside the EU; EU fund 1,130,605: Objective: To harmonize definition of a CBRN mobile laboratory, identify needs, solutions for deployment in- and outside EU. Methods: Evidence-based multi dimensional matrix (type of threats, magnitude, location, societal impact) will be used to define scenarios, missions justifying use of CBRN deployable capacities.					
MISAFE	REA (313149)	No website	Call 2012.7.2-1 CP Prevention	Jun. 2013 / May 2015	Hebrew University of Jerusalem (Israel), Jerusalem	Libragen - Toulouse (F), CLC bio A/S - Aarhus (DK), Ecole Centrale Lyon - Lyon (F), The James Hutton Institute - Dundee (UK), Ministry of Public Security - Ramle (Israel), Minist. del Interior - Madrid (ES),	SMs, Crime Prevention, Advancing contemporary forensic methods and equipment,	Security, Concepts, Ethics, Legal,
						The Development and Validation of Microbial Soil Community Analyses for Forensics Purposes; EU funds 1,991,000: Development of soil DNA tools within MiSAFE will improve on conventional approaches. It aims to develop tools for crime-fighting-prevention (genetic forensics): 1. Develop appropriate sample collection, storage, processing tools for soil DNA applied to forensic science. 2. Apply, delimit use of DNA-based technologies in soil forensic science for search & evidence. 3. Develop, apply data analysis software, user interface for soil DNA tools. 4. Validate & legally consolidate use of microbial soil forensic science across the range of EU legal systems. 5. Provide basic standards, procedures for creating a pan-EU soil microbial database.					
MOBILEPASS	REA (608016)	http://mobilepass-project.eu/	Call 2013.3.2-3 CP Response	May 2014 / Oct. 2016	AIT Austrian Institute of Technology(AT) - Seibersdorf near Wien	FhG IOSB - Karlsruhe (DE), United Nations Univers. UNU - Maastricht (NL), Regula Baltija Ltd - Daugavpils (LV), Videmo Intelligente Videoanalyse - Karlsruhe (DE), Univers. Carlos III University de Madrid (ES), ITTI - Poznan (PL), Giesecke & Devrient Group G&D - Munich (DE), Indra - Madrid (ES), Romanian Border Police - Bucarest (RO), Spanish National Police Corps (MIR-DGP, Ministry of Interior) - Madrid (ES),	Land Boarders, mobile equipment, check EU, visa-holding	Security, Boarder, Transport
						A secure, modular and distributed mobile border control solution for European land border crossing points; EU funds 3,141,322: It will focus on research, development towards advanced mobile equipment at land border crossing points. Allow border control authorities to check EU, visa-holding & frequent third country travellers in comfortable, fast, secure way. It incorporates new technologies needed in mobile scenarios, embeds them in actual border crossing workflow to speed up control procedures. The entire innovation process, from components development to integration will continuously be evaluated by border guard authorities.					
MODES_SNM	REA (284842)	http://www.modes-snm.eu/	Call 2011.1.5-1 CP Protection	Jan. 2012 / Jun. 2014	Univers Degli Studi di Padova (IT) - Padoue	Arktis Radiation Detectors Ltd - Zurich (CH), National Centre for Nuclear Research - Otwock (PL), ETH Zurich (CH), CAEN Spa - Viareggio (IT), Univers. Degli Studi Dell' Insubria - Varese (IT), Revenue Commissioners - Dublin (IE), Univers. of Liverpool (UK),	Development of detection capabilities of difficult to detect radioactive sources and nuclear materials,	R, N,
						MODULAR DETECTION SYSTEM FOR SPECIAL NUCLEAR MATERIAL; Eu funds 2,411,633: MODES SNM aimed at developing a prototype for mobile, modular detection system for radioactive, Special Nuclear Materials. To maximize detection capability for SNM, prototype will combine detectors for fast, thermal neutrons, gamma-rays. Key detector technology is high pressure scintillation cells filled with noble gases. The goal is to deliver a fully integrated & field tested prototype of modular mobile system capable of passively detecting weak or shielded radioactive sources with accuracy higher than currently available systems.					
MOSAIC	REA (261776)	http://www.mosaic-fp7.eu/	Call 2010.2.3-3 CP Preparedness	Avr. 2011 / Avr. 2014	Univers. of Reading (UK) - London	BAE Systems Ltd - Rochester, Farnborough (UK), A E Solutions - Badsey (UK), Synthema Srl - Pisa (IT), TU Berlin (DE), DResearch Digital Media Systems Gmbh - Berlin (DE), West Midlands Police Authority - Birmingham (UK), Warwickshire Police - Leek Wootton (UK),	Surveillance, Automatic Detection &Recognition of Threats to Critical Assets in large unpredictable,	Security, Concepts
						Multi-Modal Situation Assessment & Analytics Platform; EU funds 2,664,559: It involves multi-modal data intelligence capture, analytics including video & text collaterals... Distributed intelligence enables decision support for automated detection, recognition, geo-location, mapping, including intelligent decision support to enhance situation awareness, surveillance targeting, camera handover: i) framework for capturing, interpreting use-context requirements underpinned by standard data ontology to facilitate tagging, search, fusion of data from distributed multi-media sensors, sources, databases, ii).Systems architecture to support wide area surveillance with edge, central fusion, decision support capabilities, iii)Algorithms which enable disparate multi-media information correlation, iv) Tools & techniques for extraction of key information from video, v.)Algorithms to represent decisions, actions, vi).integrated system solution;					

Project	ID	URL	Call / Type	Dates	Coordinator	Partners	Topic	Codes
MULTIBIODOSE	REA (241536)	http://www.multibiodose.eu/	Call 2009-4.3-02 CP Response	Multi-disciplinary biodosimetric tools to manage high scale radiological casualties; EU funds 3,493,199: Analyse variety of biodosimetric tools &adapt them to different mass casualty scenarios, for assessing radiation exposure to general population, enabling identification of those exposed who should receive medical treatment. Biodosimetric tools were tested: dicentric & micronucleus assay, gamma-H2AX assay, blood serum protein assay, electron paramagnetic resonance optically stimulated dosimetry.It established a biodosimetric network called "Realizing the European Network of Biodosimetry" (RENEB), kicked off January 2012.	May. 2010 / Avr. 2013	Univers. Stockholm (SE) Stockholm	Bundesamt für Strahlenschutz BfS - Salzgitter (DE), Univers. Gent (BE), Health Protection Agency - London (UK), Institut de Radioprotection et de Sûreté Nucléaire IRSN - Paris (F), Instituto Superiore di Sanità ISS - Rome (IT), Norwegian Radiation Protection Authority NRPA - Osteraas (NO), Radiation and Nuclear Safety Protection STUK - Helsinky (FI), Universitat Autonoma de Barcelona (ES), Institute of Nuclear Chemistry and Technology INCT - Warszawa (PL), Helmholtz Zentrum München (DE), Bundeswehr Institut für Radiologie BIR - Ulm (DE), Gray Institute for Radiation Oncology and Biology University of Oxford - Oxford (UK), European Radiation Dosimetry Group - Braunschweig (DE),	Triaging mass radiation casualties, Biodosimetric tools,	R, N,
MULTISENSE CHIP	REA (261810)	http://www.multisense-chip.com	Call 2010.4.2-2 CP Detection	The lab-free CBRN detection device for the identification of biological pathogens on nucleic acid and immunological level as lab-on-a-chip system applying multisensor technologies; EU funds 6,619,400: Development of detection, identification system for biological pathogens. This chip system includes both sample preparation function, during which target molecules are directly extracted nucleic-acid-based and/or immunological detection, identification steps. Disruptive technologies (optoelectronic sensors or electrochemical sensors), lab-on-a-chip technology, innovative instrumentation are key to reaching as yet unrealized goal of identifying multiple pathogens in parallel on both molecular biological level via PCR & immunological means repectively;	Jun. 2011 / Jun. 2015	Microfluidic ChipShop Gmbh (DE) - Jena near Erfurt	Bertin Technology - Paris (F), Friedrich Loeffler Institut - Jena (DE), Integrated Microsystems for quality of Life SL iMicroQ - Tarragona (ES), FhG ICT-IMM - Mainz (DE), Univers. Rovira i Virgili - Tarragona (ES), Institute of Physical Biology - Domžale (SI), Cedralis - Paris (F),	On-site bio-terrorism detection kit,	CBRN
NI2S3	REA (225488)	http ://ni2s3-project.eu/	Call FP7 ICT-SEC-2007-1.0-03 Preparedness	Net-centric information and integration services for security systems; EU funds 2,711,640: Research, implement a reference methodology for developing security systems based on network enabled capabilities (NEC) information & integration services (I2S) for CIs. Security systems must be capable to collect, process information from many heterogeneous sources in order to build up situation awareness of CIs & to enable decision making. It aims: (a) to provide definition, design of NI2S3 CI protection system to CI; (b) to define performance indicators, tools for system validation; (c) to develop technology for evaluation of performance, robustness, reliability of such protection system. It is focused on R&D of reference methodology to guide design, implementation of security systems for CI protection. Refining & validation of this methodology is performed by application demonstrator.	Jul. 2009 / Sept. 2011	Vitrociset SPA (IT) - Roma	Università degli Studi di Firenze (IT), HW Communications Limited - Lancaster (UK), AALBORG Univers. - Aalborg (DK), AGH University of Science and Technology - Krakow (PL), Comarch SA - Krakow (PL),	Security systems integration, interconnectivity and interoperability: Optimised situational awareness through intelligent surveillance of interconnected transport or energy infrastructures,	Security, Concepts, Cis,
NMFRDISASTER	REA (218057)	http://www.mdais.org	Call 2007-7.0-02 CSA Preparedness	Identifying the Needs of Medical First Responders in Disasters; EU funds 815,079: Project considered ethical, emotional, legal, media communication aspects of medical first response tasks. It concludes that a lack of public understanding of medical tasks in emergency, combined with sensitivity towards issues such as blood donation, medical "triage" prioritisation, may place medical responders at great risk of legal liability charges & emotional trauma.	May. 2008 / Jun. 2009	Magen David Adom (Israel) - Tel Aviv	Charles UniverS. - Prague (CZ), Danish Red Cross - Copenhagen (DK), Fundacion Rioja Salud - Logrono (ES), Samur Proteccion Civil Ayuntamiento de Madrid - Madrid (ES), Centre for Science, Society and Citizenship - Rome (IT), Sinergie Srl - Torino (IT), Ambulancezorg Nederland - Al Zwolle (NL), Univers. Al-quds - Jerusalem Abu Dis (Palestine),	Needs of Medical First Responders, Training,	Crisis,
ODYSSEY	REA (218237)	odyssey-project.eu	Call 2007-1.3-06 CP Response	Strategic pan-European ballistics intelligence platform for combating organised crime and terrorism; EU funds 2,395,000: Odyssey tackles the problem of analysing crime, ballistics data, taken from disparate heterogeneous ballistic systems, across EU. The bedrock of these findings was creation of potential set of new EU standards for gun crime data defined by own data structures, taxonomies, ontologies. These can now be taken onward to CEN, or ISO for evaluation & use.	Nov. 2008 / Avr. 2011	Sheffield Hallam University - Sheffield (UK)	An Garda Síochána - Dublin (IE), Atos - Madrid (ES), Ecole Royale Militaire - Brussels (BE), Europol - Den Haag (NL), Forensic Pathways Ltd - Tamworth (UK), Ministero dell'Interno - Rome (IT), e della pubblica amministrazione - Milano (IT), North Yorkshire Police Authority - Northallerton (UK), SAS Software Limited - Marlow (UK), Sesa Commerce Handelsgmbh - Modling (AT), West Midlands North Yorkshire Police - Birmingham (UK), Xlab razvoj programske opreme in svetovanje doo - Ljubljana (SI),	Informaion Gathering, Ballistics, Intelligence, Interoperable Data,	Security, Crime
OPARUS	REA (242491)	http://cordis.europa.eu /publication/rcn/15280 _en.html	Call 2009.3.4.1 CSA Preparedness	Open Architecture for UAV-based Surveillance System; EU funds 1,188,312: OPARUS is to elaborate open architecture for operation of unmanned air-to-ground wide area land, sea border surveillance platforms in EU. It focuses on cost-efficient solutions enabling maximum efficiency of unmanned aircraft systems operations for EU border surveillance. OPARUS aimed to define an open architecture for operating unmanned aerial systems (UAS) for wide-area land, coastal, sea border surveillance in EU. This took into account emerging legislation for safe deployment of UAS platforms across EU's controlled civil airspace –regulatory & technical concept known as "air insertion". Three workshops to define operational scenarios with end-users & receive their feedback on project results.	Oct. 2010 / May. 2012	Sagem (F) - Paris	AFIT Instytut Techniczny Wojsk Lotniczych - Warszawa (PL), BAE Systems - Rochester, Farnborough (UK), Dassault Aviation - Paris (F), DLR - Berlin (DE), EADS-CASA - Madrid (ES), IAI Israel Aerospace Industries Ltd - Lod (Israel), INTA - Madrid (ES), ISDEFE - Madrid (ES), ONERA - Paris (F), Selex Galileo - Rome (IT), Thales - Paris (F), Tony Henley Consulting Limited - London (UK),	Intelligent Boarder surveillance, unmanned air-to-ground wide area land, sea border,	Security, Boarder, Transport
OPERAMAR	REA (218045)	http://www.indracompany.com/en/sostenibilidad-e-innovacion /proyectos-innovacion /operamar-an-interoperable-approach	Call 2007-7.0-02 CSA Preparedness	An interoperable approach to European Union maritime security management; EU funds 669,132: It aimed to assess challenges of boosting seamless exchange of information, ensuring sufficient level of interoperability between current maritime security management systems amongst EU MS. It undertook 40 field visits & stakeholder surveys, used to ascertain current state of information gathering, integration, dispatch between stakeholders in maritime surveillance field. It concluded that getting informationsharing to become routine while also developing a common Concept of Operations ("ConOps") are more of an impediment in this domain than actual technological obstacles.	Mar. 2008 / May. 2009	Thales Systemes (F) - Paris	SELEX - Rome (IT), Indra Sistemas - Madrid (ES), Quintec Associates Ltd - Weybridge (UK), Alliance of Maritime Regional Interests in Europe - Brussels (BE), JRC - Brussels (BE), IAI Istituto Affari Internazionali - Rome (IT), Empresa de Serviços e Desenvolvimento de Software EDISOFT - Caparica (PT), STM Savunma Teknolojileri Muhendislik ve Ticaret - Ankara (TR),	Maritime security , interoperability,	Security, Boarder, Transport

Acronym	Agency (ID)	URL	Call / Type	Description	Dates	Coordinator	Partners	Keywords	Topics
OPSIC	REA (312783)	http://opsic.eu/	Call 2012.4.1-2 CP Preparedness	Operationalising Psychosocial Support in Crisis; EU funds 3,333,918: OPSIC reviews existing guidelines, best practice-studies for psychosocial support in crisis in order to match methods & tools to all relevant target groups, types, phases of emergencies, to develop IT based system – Operational Guidance System (OGS) – which will function as go-to-point for all tools needed to plan, conduct & evaluate psychosocial support intervention. OPSIC will design, develop an web based comprehensive operational guidance system that will operate as common shared platform & single point of reference for PSS in crisis management. OGS will be validated through simulations tests in 3 countries with crisis managers, first responders, volunteers, possible victims &evaluated according to selected key performance indicators	Fev. 2013 / Jan. 2016	Danish Red Cross (DK) - Copenhagen near Malmö	Univers. Innsbruck (AT), TNO - Delft (NL), Impact - Diemen (NL), Academisch Medisch Centrum AMC - Amsterdam (NL), UNIZ Faculty of Humanities and Social Sciences - Zagreb (HR), Magen David Adom - Tel Aviv (Israel), Tripitch - Utrecht (NL), SAMUR - Madrid (ES), CSSC - Roma (IT), CRISMART - Stockholm (SE),	Psycho social support in Crisis Management,	Crisis, Citizens, Media,
OPTI-ALERT	REA (261699)	www.opti-alert.eu	Call 2010-1 CP Response	Enhancing the efficiency of alerting systems through personalized, culturally sensitive multi-channel communication; EU funds 2,531,122: Opti-Alert strives to improve alerting of general public in crisis situations through personalized, culturally sensitive multi-channel communication. In addition to in-depth & interdisciplinary studies of sociologists, media scientists on perception of crisis communication, Opti-Alert will develop a demonstrator to test proposed socio-culturally adaptive alerting tool, corresponding alert simulation component in practice.	Jan. 2011 / Jan. 2014	FhG FOKUS (DE) - Berlin	e*Message Wireless Information Services Deutschland Gmbh - Berlin (DE), Netherlands Institute for Safety NIFV - Arnhem (NL), Sicilian Regional Department of Civil Protection - Messina (IT), sine-Institut gGmbh - Munich (DE), Thales - Paris (F), UBIMET Gmbh - Vienna (AT), Univers. degli Studi di Perugia - Perugia (IT), Univers. of Gothenburg - Gothenburg (SE), UNIQA Versicherungen AG - Wien (AT),	Alerting systems, multi-channel communication, socio-culturally adaptive alerting tool,	Crisis, Citizens, Media,
OPTIX	REA (218037)	http://www.fp7-optix.eu	Call 2007-1.3-01 CP Detection	Optical technologies for identification of explosives; EU funds 2,487,556: Development of a transportable system for standoff detection & identification of explosives in real scenarios at distances of around 20 metres (sensor to target), using alternative or simultaneous analysis by 3 different complementary optical technologies (LIBS, RAMAN, IR).	Nov. 2008 / Jun. 2013	Indra Systemas (ES) - Madrid	Univers. of Malaga (ES), FOI - Stockholm (SE), EKSPLA - Vilnius (LT), Avantes BV - Apeldoorn (NL), Technical University of Clausthal - Clausthal-Zellerfeld (DE), Univers. of Technology Wien (AT), Univers. of Dortmund (DE), Guardia Civil - Madrid (ES),	Explosives, Detection, transportable system,	E,
ORIGINS	ENTR (607663)	not yet available	Call 2013-1 Preparedness	Recommendations for Reliable Breeder Documents Restoring e-Passport Confidence and Leveraging Extended Border Security; EU fund 1,727,383: ORIGINS aims to study the security of extended border, particularily passport breeder document security. It is to improve security & therefore to restore confidence in application process, issuance of e-passports, by filling gaps in security of breeder documents. While some assurance approaches have been implemented in a few countries, they remain insufficient to provide breeder documents in complete security & trustworthiness.	Not launched	Morpho (F) - Paris	Agence Nationale des Titres Sécurisés - Paris (F), ARH Informatikai Zrt - Budapest (HU), Afnor - Paris (F), CSSC Centre for Science, Society & Citizenship - Rome (IT), Collis BV - Leiden (NL), Eurofast Sàrl - Paris (F), Gemalto SA - Gémenos near Marseille (F), Univers. Darmstadt of Applied Sciences - Darmstadt (DE), Høgskolen i Gjøvik - Gjøvik (NO), ID Management - Lugano (CH), Immigratie- en Natur - DenHaag (NL), Institute of Baltic Studies - Tartu (EE), Ministr. Interior - Riga (LV), Polish Security Printing Works - Warszawa (PL), TUBITAK - Ankara (Turkey, TR), Univers. CARLOS III de Madrid (ES),	e-Passport Confidence, document security,	Security, Boarder, Transport
OSMOSIS	REA (242416)	www.osmosisecurity.eu	Call 2009-7.0-02 CSA Preparedness	Overcoming Security Market Obstacles for SMEs Involvement in the technological Supply chain; EU funds 580,889: Objective is to foster involvement of SMEs in security technology supply chain & to facilitate collaboration between SMEs & key stakeholders in EU Security domain, create a nurturing environment for involvement of SMEs in overall Security Market, by increasing their capabilities to understand & focus on security market trend & untapped potentials, link with relevant stakeholders, facilitate their involvement in technological supply chain, also by favoring joint R&D activities with RTD organizations & large industries.	Avr. 2010 / Mar. 2012	Ciaotech Srl (IT) - Milano	SESM Soluzioni Evolute Sistemistica Modelli - Rome (IT), GMVIS Skysoft - Lisboa (PT), TU München (DE), CINI Consorzio Interuniversitario Nazionale Informatica - Rome (IT), Innostart Nemzeti Üzleti és Innovációs Központ Alapítvány - Budapest (HU), Honeywell spol sro - Praha (CZ), INTA Instituto Nacional de Technica Aerospacial - Madrid (ES), Fundación para el Conocimiento - Madrid (ES), ELSAG Datamat - Rome (IT), PNO Consultants Sas - Paris (F),	SMs, Supply chains and market integration,	Security, Concepts
P5	ENTR (312784)	http://www.foi.se/en/Pages-outside-the-menu/P5/P5/About-P5/	Call 2012-1 CP Detection	Privacy Preserving Perimeter Protection Project; EU funds 3,498,214: The goal of the P5 project is an intelligent perimeter proactive surveillance system that works robustly under wide range of weather, lighting conditions, that has strong privacy preserving features. System will monitor region outside security area of critical buildings, infrastructure, give early warning if detection of terrestrial/air threats, in support of human operator. Multispectral sensor suite comprising both passive, active sensors is envisaged, i.e., system based on radar, visual, thermal sensors. It will be complemented with advanced algorithms for information fusion, object detection, classification, privacy preservation, high level modelling of intent, behaviour analysis. P5 project will make contributions to evolving standards in detection systems.	Aug. 2013 / Jul. 2016	FOI (SE) - Stockholm	University of Reading - (UK), Thermal Engineering Systems AB - Linkoping (SE), SAGEM - Paris (F), Univers. Namur (BE), Visual Tools - Madrid (ES), Institut für Mobil- und Satellitenfunktechnik Gmbh - Kamp-Lintfort (DE), Oskarshamnsverkets Kraftgrupp AB - Oskarshamn (SE), Home Office Centre for Applied Technology CAST - London (UK),	Perimeter Protection, proactive surveillance system, standards,	Security, Concepts, Ethics, Legal,
PACT	REA (285635)	http://www.projectpact.eu/	Call 2011-1 CP Preparedness	Public perception of security and privacy: Assessing knowledge, Collecting evidence, Translating research into action; EU funds 2,675,107: PACT brings together policy, privacy, ethical, social, technical expertise at the highest level of EU & world excellence. Challenge: 1 to develop new reference framework for assessing security investment from a wider societal perspective; 2 to carry out first pan-EU survey on public preferences & trade-offs between security, privacy, fundamental rights to build an original Privacy Reference Framework & comprehensive Decision Support System - to provide adaptable model for security investment in terms of wider social acceptance, concerns & reactions.	Jun. 2012 / Jul. 2015	Vitamib TAMIB Sas (F) - Grenoble	Atos - Madrid (ES), KEMEA - Athens (GR), Centre for IRISH And European Security Ltd CIES - Dublin (IE), CSSC Centre for Science, Society & Citizenship - Rome (IT), PRIO Peace Research Institute - Oslo (NO), Ministry of Public Security - Tel Aviv (Israel), DEMOKRITOS National Center - Athens (GR), RAND Europe - Cambridge (UK), Hebrew University of Jerusalem (Israel), Univers. of Westminster - London (UK), Univers. Uppsala (SE), Market & Opinion Research International, Ltd - London (UK),	Ethics Justice	Security, Concepts, Ethics, Legal,

PANDHUB	ENTR (607433)	not yet available	Call 2013.2.2-2. CP Response	; EU fund 3,142,004: PANDHUB will create an integrated toolbox to aid transport operators, relevant actors in major transport hubs in development of current pandemic & dangerous pathogen preparedness, response plans. It intended to cover aspects specific to serious natural or man-made pathogen threats in transport environment by providing accurate, reliable, validated information for incident threat assessment, preparedness, response phases. Toolbox will include modelling components to simulate spread of diseases, evaluate effects of countermeasures. Impact of these contact tracing & epidemiology tools will be facilitation of efficient & rapid response to cross-border incident. Co-ordinated & appropriate data collection, collation, analysis tools developed will allow swift 'joined-up' epidemiological investigation of developing situation to integrate with other technologies, expertise. Capability will largely be achieved through close collaboration with transport staff, end-users, borne out of review, integration of local & national practical, legal, ethical implications necessarily involved in multinational incident.	Not launched	VTT (FI) - Helsinki	Assistance Publique-Hôpitaux de Paris AP/HP - Paris (F), EpiData Association - Odense (DK), Health Protection Agency MHPRA - London (UK), Ità-Suomen yliopisto, UEF - Kuopio (FI), MEDES-Institut Médecine Physiologie Spatiale - Toulouse (F), Univers. Nottingham (UK),	Toolbox to aid transport operators	Security, Boarder, Transport
PANDORA	REA (225387)	http://pandora.eupm.n et/public/pandora.php	Call ICT-SEC-2007-1.0-02 CP Preparedness	Advanced training environment for crisis scenarios; EU funds 2,930,000: PANDORA developed smart, novel digital support environment, crisis simulation system to enhance, expand training exercises.Project is a consideration of emotional affect on trainees of both crisis scenario & multimedia inputs from which they have to garner information, to base strategic decisions.It creates environment that can provide appropriate metrics on crisis manager performance. It intends to operate to standard cybernetic feedback loop model, with crisis scenario represented as stateful event network with each event being individually handled relative to emotional state of trainees. System is required to capture emotional, behavioural state of each trainee, at appropriate level within defined scale. This information has to be passed to internal mash-up engine as result of direct trainer input.	Jan.. 2010 / Mar. 2012	Univers. of Greenwich (UK)	Consiglio Nazionale delle Ricerche CNR- Rome (IT), Società Consortile a Responsabilità Limitata CEFRIEL - Milano (IT), Xlab razvoj programske opreme in svetovanje doo - Ljubljana (SI), Fondazione Ugo Bordoni - Rome (IT), ORT - Paris (ORT), Univers. of East London UEL (UK), Business Flow Consulting - Sceaux near Paris (F), Emergency Planning College - York (UK),	Cridis Training, emotional affect on trainees,	Crisis, Security, Concepts
PARIS	REA (312504)	http://www.paris-project.org/	Call 2012-1 CP Protection	PrivAcy pReserving Infrastructure for Surveillance; EU funds 3,490,491: PARIS will demonstrate a methodological approach for development of surveillance infrastructure which enforces right of citizens to privacy, justice, freedom. Management tool will be developed in order to 1) allow for creation, editing of conceptual framework, 2) subsequently act as reference for surveillance system designers. A SALT compliant design process will be defined so that the balance of surveillance & privacy according to the specialised framework will be ensured.	Jan. 2013 / Fev. 2016	Trialog(F) - Paris	Austrian Institute of Technology GmbH AIT - Seiberdorf near Wien (AT), Institut National de Recherche en Informatique et Automatique INRIA - Paris (F), Katholieke Universiteit Leuven (BE), Univers. de Malaga (ES), Univers. de Namur (BE), Thales Paris (F), Visual Tools SA - Madrid (ES),	Citizen Media, Social / ethicAl / Legal / Technological Framework (SALT) Privacy-by-Design, Accountability-by-Design,	Security, Concepts, Ethics, Legal,
PARSIFAL	CNECT (225344)	http://www.parsifal-project.eu/	Call ICT-SEC-2007.1.7 CSA Preparedness	Protection and trust in financial infrastructures, EUR 688,848; Concerning how to better protect FCI & information infrastructure that link FCI with other Critical Infrastrucutre in EU: 1) Bringing together CFI & TSD research stakeholders; 2) Contributing to understanding of CFI challenges; 3) Developing longer term visions, research roadmaps, CFI scenarios & best practice guides; 4) Co-ordinating relevant research work, knowledge, experiences. Related Projects: COMIFIN, Think Trust	Sept. 2008 / Fev. 2010	ATOS (ES) - Madrid	Waterford Institute of Technology - Waterford (IE), Arendt Business Consulting (@bc) - Idstein (DE), Acris Gmbh - Luzern (CH), Edge International BV - Amsterdam (NL), Avoco Secure, Ltd.- London (UK),	Protection financial infrastructures,	Security, Concepts, Ethics, Legal,
PEACE	CNECT (225654)	http://www.ict-peace.eu	Call ICT-SEC-2007.1.7 CP Preparedness	IP-based emergency applications and services for next generation networks, EUR 2,648,800: Transition to next generation networks is coupled with vision of innovative services providing personalized & customisable services over all-IP infrastructure. Next generation all-IP networks need support more services & support current vital services, emergency services. PEACE will provide general emergency management framework addressing extreme emergency situations as terrorist attacks, natural catastrophes, day-to-day emergency cases based on IP Multimedia Subsystem.	Sept. 2008 / Nov. 2010	PDM & FC - Projectos de Desenvolvimento Manutenção Formação e Consultadoria, Lda (PT) Lisboa	Instituto de Telecomunicações - Lisboa (PT), FhG IAF - Freiburg (DE), Univers. Patras (GR), Univers. Kingston (UK), Thales - Paris (F), Telefonica Investigacion y Desarrollo SA - Madrid (ES), Pale Blue AB - Akersberga (SE),	Critical infrastructure protection,	Security, Concepts, Ips,
PEP	REA (284927)	https://agoracenter.jyu .fi/projects/pep	Call 2011.4.2-4 CSA Response	Public Empowerment Policies for Crisis Management; EU funds 950,023: Investigate how crisis response abilities of public can be enhanced, what public empowerment policies are successful in realising this aim. Nowadays authorities realize that behaviour of citizens is vital to crisis response and recovery. It will identify best practices in community approach to crisis resilience, give directions for future research & implementation, including tuse of social media, mobile services, to further citizen response.	Jan. 2012 / Dec. 2014	Jyväskylän yliopiston - Jyväskylä (FI)	Mid Sweden University - Sundsvall (SE), Emergency Services College - Kuopio (FI), Inconnect - Doordrecht (NL), Global Risk Forum in Switzerland - Davos (CH),	Public Empowerment Policies for Crisis Management,	Crisis,

Project	Agency	URL	Call	Description	Dates	Coordinator	Partners	Summary	Keywords	Notes
PERSEUS	ENTR (261748)	http://www.perseus-fp7.eu/	Call 2010.3.1-1 CP Response	Protection of European seas and borders through the intelligent use of surveillance; EU fun 27,847,579: Build, demonstrate an EU maritime surveillance system integrating existing national, communitarian installations enhancing them with innovative technologies.PERSEUS will deliver : » A system of systems representative of what will be available from 2015 onwards; » A target vision for an integrated EU maritime border surveillance system; » A set of recommendations, best practices to instantiate this target vision in different contexts, to extend it to more countries, based on user & provider feedbacks acquired through 2 real-life exercises operating in Western & Eastern Mediterranean regions.	Jan. 2011 / Dec. 2014	Indra Sistemas (ES) - Madrid	EADS Cassidian - Paris (F), DCNS - Paris (F), Engineering Ingegneria Informatica Spa - Rome (IT), Isdefe - Madrid (ES), EADS-Casa - Madrid (ES), NCSRD - Demokritos - Athens (GR), Guardia Civil Espanola - Madrid (ES), PRIO - Oslo (NO), SAAB - Linkoping (SE), SES-ASTRA - Betzdorf (LU), AJECO Oy - Espoo (FI), INTUILAB - Labege (F), METEOSIM - Barcelona (ES), LUXSPACE - Betzdorf (LU), SOFRESUD - la Seyne sur mer (F), INOV INESC - Lisboa (PT), SKYTEK - Dublin (IE), LAUREA - Vantaa (FI), DFRC - Zug (CH), BOEING EUROPE - Madrid (ES), ECORYS - Rotterdam (NL), Cork Institute CIT - Cork (IE), Minist. de l'Interieur - Paris (F), Força Aérea Portuguesa - Amadora (PT), SATWAYS - Halandri (GR), Ministr. National Defence HMOD - Athens (GR), NATO Undersea Research Centre - La Spezia (IT), Ministr. of Citizens Protection - Athens (GR), CSS KEMEA - Athens (GR),	Protection of European seas and borders	Security, Boarder, Transport	
PLANTFOODSEC	ENTR (261752)	http://www.plantfoodsec.eu/	Call 2010.7.0-1 NoE Preparedness	Plant and Food Biosecurity ; EU fund 4,624,499: Create virtual research network in order to improve quality, impact of training, relation to crop & food bio security research in EU. Project has identified regulatory threats in countries; prioritised target crops (food, feed, timber crops); prioritised target pathogens; set up tool for prioritisation of target human pathogens on plants HPOP, mycotoxins, designed virtual diagnostic network. Future outcomes expected: decision-making tool for use by law enforcement offices to allow discrimination between deliberate & accidental outbreaks; risk assessment tools for plant pathogens, HPOP; database of EU & international expertise in relation to contingency plans, capabilities for tracking pathogen outbreaks, models of management systems for bioterrorism threats, strategies in risk communication	Fev. 2011 / Janv. 2016	Univers. of Torino (IT)	National Institute of Agricultural Botany NIAB - Cambridge (UK), Food and Environment Research Agency FERA - York (UK), Univers. Bonn UNIBONN (DE), Institut National de la Recherche Agronomique INRA - Paris (F), Regional Environmental Center for Central and Eastern Europe REC - Szentendre (HU), Imperial College London (UK), Middle East Technical University METU - Ankara (TR), SPIN-TO Srl - Torino (IT), UNICRI - Torino (IT), Agricultural Research Organisation of Israel / The Volcani Centre - Bet Dagan (Israel), National Institute for Microbial Forensics & Food and Agricultural Biosecurity NIMFFAB (Oklahoma State University) - Stillwater (USA), Kansas State University - Manhattan (USA),	Plant and Food Bio security, virtual research network,	B,	
POP-ALERT	REA (608030)	http://www.pop-alert.eu/index.php/about	Call 2013-1 CSA Preparedness	Population Alerting: Linking Emergencies, Resilience and Training; EU funds 998,848: Will draw from past & existing community preparedness techniques and use its own research on use of contemporary communications tools in order to create practical & flexible strategies for preparing population to cope with crisis & disasters. POP-ALERT targets variety of stakeholders who are likely to face different types of threats as: Landslips, Wildfires, Floods, Man-made disasters (technical failures, terrorism). It will analyse the behaviours, involvement of different community groups & evaluate whether tackling these groups separately could improve preparedness & early warning. The approach proposed takes traditional Crisis Management research a step further by carrying out series of empirical studies.	Sept. 2013 / Oct. 2015	University of Greenwich (UK)	EOS European Organisation for Security - Brussels (BE), CTIF International Technical Committee for Prevention and Extinction of Fire - Paris (F), ALTRAN - Schiphol Oost (NL), Civil Protection Department CPD - Lisboa (PT), Training 4 Resilience - Dorset (UK), Siemens Building - Düsseldorf (DE), Edisoft-Empresa de Servicios Desenvolimento Software - Porto (PT), Kemea - Athens (GR), University of Chester (UK), High Corsica Fire Department and Rescue Service SDIS2B - Bastia (F),	Effective communication, crisis, disasters,	Crisis	
PPDR-TC	REA (313015)	http://www.ppdr-tc.eu	Call 2012.5.2-1 CP	Public Protection and Disaster Relief Transformation Center; EU funds 2,890,684: Significant amount of network capacity needs to be available throughout disaster & affected areas to support effective Public Protection & Disaster Relief PPDR communications where mobility is main requirement. At very early response stages voice communications are critical. Objective is to define set of reference services, valuable for PPDR agencies, given needs, requirements, current technological availability. Classification of a set of 31 reference services including PPDR voice, narrowband & broadband data, video, transversal services, challenge services enabled by next generation of technologies.	Avr. 2013 / Oct. 2015	Exodus AE (GR) - Athens	Institute of Communications Computer Systems ICCS - Athens (GR), Thales - Paris (F), Rinicom Ltd - Lancaster (UK), Teletel Sa - Athens (GR), Aegis Systems - Cobham (UK), ITTI - Poznan (PL), Tekever - Lisboa (PT), Univers. Modena (IT), LRTC Lithuanian Radio TV Centre - Vilnius (LT),	Secure Communication,	Security, Concepts	
PRACTICE	REA (261728)	http://www.practice-fp7-security.eu/	Call 2010.4.2-2 CP Response	Preparedness and Resilience against CBRN Terrorism using Integrated Concepts and Equipment; EU funds 8,424,029: PRACTICE is to improve preparedness & resilience of EU MS to attack from terrorist group using non conventional weapons as CBRN materials.It will develop a new toolbox focusing on: •Identification, organization, establishment of knowledge of critical elements in event structure through studies of wide selection of scenarios, real incidents & exercises; •Analysis, identification of gaps; •Allocated system or public information kit for decision-support, first-responder training & exercise.Toolbox (complete system) will provide EU MS with flexible, integrated system for coordinated response to CBRN terrorist attack, with attention to human factors, societal aspects.	May. 2011 / Oct. 2014	UMEA Univers. (SE) - Umea	Astri Polska Sp - Warsaw (PL), EADS Astrium - Paris (F), Bruhn NewTech - Soeborg (DK), EADS Cassidian - Paris (F), CBRNE Ltd - Ashford (UK), CEN European Committee for Standardization - Brussels (BE), European CBRNE Center - Umea (SE), FFI Norwegian Defence Research Establishment - Kjeller (NO), FOI -Stockholm (SE), HCFDC Services - Paris (F), Health Protection - London (UK), King's College London (UK), Mid Sweden Univers. - Sundsvall (SE), Demokritos NCSRD - Athens (GR), Netherlands Forensic Institute - the Hague (NL), Prometech - Utrecht (NL), Stockholm South General Hospital Södersjukhuset - Stockholm (SE), SELEX Systemas - Rome (IT), SGSP Main School of Fire Service - Warszawa (PL), SUJCHBO VVI National Institute for Nuclear, Chemical and Biological Protection - Milin (CZ), TNO - Delft (NL), UCL - Brussels (BE),	Toolbox, flexible & integrated system for coordinated response to CBRN terrorist attack,	CBRN,	Integrating System, not Syst of Syst., Functions identified, (300), System implementable evrywhere, Future? Strong links to EDEN, Ask for Training, 100 Tools, Prices? Structure of the reporting?Overflow of messages, EDEN follows,
P-REACT	REA (607881)	http://p-react.eu/	Call 2013.7.2-1 CP Detection	Petty cRiminality diminution through sEarch and Analysis in multi-source video Capturing and archiving plaTform; EU funds 1,489,396: Develops a sensor data (video, motion) capturing, archiving network/platform for protection of small businesses from petty crimes. Based on low cost components, it builts in capabilities (sensors, embedded systems) interconnecting using established & emerging technologies, as Digital Subscriber Lines, Cloud computing: low-cost cameras, smart sensors in small business' premises networked directly to Cloud-based, Data Centers, continuously monitored, recorded. Potential incident detected may also trigger neighbour sensors in other premises near incident. The platform will be able to receive information (images, video) captured by mobile smart devices (phones, tablets...) operated by users found at incident place.	Avr 2014 / Mar. 2016	Vicomtech-IK4 (ES) - San Sebastián	Kinesense Ltd - Dublin (IE), Aditess Ltd - Lefkosia (CY), Future Intelligence Ltd - London (UK), CERTH Centre for Research and Technology Hellas - Thessaloniki (GR), KEMEA - Athens (GR), SRM Societa Reti Mobilita - Bologna (IT),	low cost surveillance platform that will detect Petty Crime incidents	Crime, Security, Concepts	

Acronym	Type (Number)	URL	Call	Description	Dates	Coordinator	Partners	Summary	Keywords
PRECYSE	ENTR (285181)	http://www.csit.qub.ac.uk/InnovationatCSIT/Projects/PRECYSE/	Call 2011.2.5-1 CP Preparedness	Prevention, protection & REaction to CYber attackS to critical infrastructures; EU fund 3,292,792: Prevention, protection & REaction to CYber attackS to critical infrastructures; PRECYSE will define, develop, validate a methodology architecture, set of technologies & tools to improve by design security, reliability, resilience of ICT systems supporting CIs. It will build on previous research & existing standards, will pay due attention to performance demands of current CI systems, as to relevant privacy, legal & ethical issues.	Mar. 2012 / Fev. 2015	Etra Investigacion y Desarrollo Sa (ES) - Valencia	Skytek Ltd - Dublin (IE), Univers. Agder - Kristiansand (NO), Univers. Queen's Belfast (UK), Ayuntamiento de Valencia (ES), FhG IOSB - Karlsruhe (DE), Thales - Milan (IT), AIT - Seibeldorf near Wien (AT), Linz Strom Gmbh - Linz (AT),	Cyber attacks against critical infrastructures, Capability	Cyber,
PREDICT	REA (607697)	http://www.predict-project.eu/	Call 2013.4.1 CP Prevention	Provide a comprehensive solution for dealing with cascading effects in multi-sectoral crisis situations covering aspects of critical infrastructures CIs. Solution will be composed of 3 pillars: methodologies, models & software tools. Their integrated use will increase awareness & understanding of cascading effects by crisis response organisations, enhances their preparedness, improves their response capability to respond in case of cascading failures.	Avr. 2014 / Avr. 2017	CEA (F) - Paris	ITTI Sp - Poznan (PL), FhG IAIS - Sankt Augustin (DE), Thales - Paris (F), CEIS - Brussels (BE), TNO - Delft (NL), VTT - Espoo (FI), Safety Region South Holland South - Amsterdam (NL), Syke Finnish Environment Institute - Helsinki (FI), UIC International union of railways - Paris (F), Thales Research & Technology Netherlands/D-CIS Lab TRT - The Hague (NL),	Cascading effects,	Security, Concepts, Cis,
PREEMPTIVE	REA (607093)	http://preemptive.eu/	Call 2013.2.5-4 CP Prevention	Preventive Methodology and Tools to Protect Utilities; EU funds 3,831,016: Provide innovative solution for enhancing existing methods & conceiving tools to prevent against cyber attacks on utility networks. It addresses prevention of cyber attacks against hardware, software systems as DCS, SCADA, PLC, networked electronic sensing, monitoring, diagnostic systems used by utilities networks. It proposes to: • Enhance existing methodological security, prevention frameworks for harmonizing Risk & Vulnerability Assessment methods,• Design, develop prevention & detection tools,• Define taxonomy for classifying utilities networks.• Define guidelines for improving Cis surveillance.	Mar. 2014 / Mar. 2017	Vitrociset SPA (IT) - Roma	Univers. Twente (NL), SecurityMatters BV - Enschede (NL), Aplicaciones en Informática Avanzada SI - Barcelona (ES), FhG IOSB - Karlsruhe (DE), HW Communication Ltd - Lancaster (UK), Università degli studi Roma (IT), European Network for Cyber Security ENCS - Den Haag (NL), Israel Electric Corporation Limited IEC - Haifa (Israel), Katholieke Universiteit Leuven (BE), Fundacio Institut de Recerca de l'Energia de Catalunya - Sant Adria de Besos (ES), Harnser Ltd - Norwich (UK),	Tools to prevent against cyber attacks on utility networks of Cis	Cyber Crime,
PREVAIL	ENTR (241858)	http://www.foi.se/en/Customer--Partners/Projects/Prevail/	Call 2009.1.3-03 CP Preparedness	PRecursors of ExplosiVes: Additives to Inhibit their use including Liquids; EU fund 3,343,162: PREVAIL is to inhibit the use of some common materials for use as precursors to explosives & to allow for easier detection. Homemade explosives (HMEs) attracts terrorists to manufacture. Objectives are to prevent use of hydrogen peroxide (HP) & acetone as precursors to HMEs by development of series of novel inhibitors, & to ensure that detection of ammonium nitrate (AN) based devices is facilitated by adding markers tailored to a very sensitive detection system.	Jun. 2010 / Jan 2013	FOI (SE) - Stockholm	TNO - Delft (NL), CEA - Paris (F), WIHiE Military Institute of Hygiene and Epidemiology - Warsaw (PL), Yara International ASA - Oslo (NO), Arkema - Paris (F), Inscentinel Ltd - Harpenden (UK), KCEM - Karlskoga (SE), SECRAB Security Research - Uttran (SE), Technion Institute of Technology - Technion (Israel),	Additives to Inhibit Explosives use,	E,
PRIME	REA (608354)	not yet available	Call 2013-1 CP Prevention	PReventing, Interdicting and Mitigating Extremist events: Defending against lone actor extremism; EU funds 2,842,878: Support design of technologies (counter-measures, communication) for prevention, interdiction, mitigation of lone actor extremist events (LOEEs). Communication strategies aimed at a range of audiences, including extremists & general public. Deliver knowledge-base to inform design measures by achieving: 1): Characterising risk posed by LOEEs; 2) Producing cross-level risk analysis framework to articulate key factors, processes implicated in LOEEs (radicalisation, attack preparation). 3): Translating risk analysis framework into meta-script of LOEEs. 4): Producing integrated, cross-level script of LOEEs, & identifying categories of intervention points or 'pinch points'. 5): Delivering portfolio of requirements for design of measures & communication.	Jxx. 20 / Jxx 20	Univers. College London (UK)	Univers. Aarhus (DK), King's College London (UK), Hebrew University of Jerusalem (Israel)., Univers. Leiden (NL), Univers. Warszawski - Warsaw (PL),	Prevention, interdiction, mitigation of lone actor extremist events, Citizen Media,	Crime, Security, Concepts
PRISMS	REA (285399)	http://prismsproject.eu/	Call 2011-1 CP Preparedness	The PRIvacy and Security MirrorS: "Towards a European framework for integrated decision making"; Eu funds 2,985,744: Analyse traditional trade-off model between privacy & security & devise more evidence-based perspective for reconciling privacy & security, trust & concern. Examine how technologies aimed at enhancing security are subjecting citizens to increasing amount of surveillance, causing infringements of privacy, fundamental rights. Conduct both multidisciplinary inquiry into concepts of privacy/security, their relationships, EU-wide survey to determine whether people evaluate introduction of security technologies in terms of a trade-off. It will determine factors affecting public assessment of security & privacy implications of given security technology. It will devise decision system providing users constraints & limits of specific security investments compared to alternatives taking into account wider society context.	Fev. 2012 / Jul. 2015	FhG ISI (DE) - Karlsruhe	Trilateral Research & Consulting LLP - London (UK), VUB Vrije Universiteit Brussels (BE), TNO - Delft (NL), Univers. Edinburgh (UK), Eötvös Károly Policy Institute EKINT - Budapest (HU), Market & Opinion Research International, Ltd - London (UK), Stichting Hogeschool - Utrecht (NL),	Ethics Justice, relationship between Human privacy & security,	Security, Concepts, Ethics, Legal,
PROACTIVE	ENTR (285320)	http://www.fp7-proactive.eu/	Call 2011-1 CP Preparedness	PRedictive reasOning and multi-source fusion empowering AntiCipation of attacks and Terrorist actions In Urban EnVironmEnts, EU fund 3,371,800: Research holistic citizen-friendly multi sensor fusion & intelligent reasoning framework enabling prediction, detection, understanding, efficient response to terrorist interests, goals & courses of actions in urban environment (UE). Fusion of both static knowledge (intelligence information) & dynamic information (data observed from sensors deployed in UE). It will incorporate advanced reasoning techniques (adversarial reasoning) in order to intelligently process, derive high level terroristic semantics from multitude of source streams.	May 2012 / Apr. 2015	Vitrociset SPA (IT) - Roma	AGH University of Science and Technology - Krakowie (PL), Athens Information Technology AIT - Athens (GR), Consorzio Milano Ricerche CMR - Milano (IT), HW Communications Ltd HWC - Lancaster (UK), KEMEA - Athens (GR), Kingston University - Kingston (UK), Institute of International Sociology ISIG - Gorizia (IT), Magyar Tudományos Akadémia Sztaki - Budapest (HU), Univers. der Bundeswehr - München (DE),	PRedictive AntiCipation of attacks & Terrorist actions In Urban EnVironmEnts	Security, Concepts, Cis,

Project	Ref	Website	Call	Description	Dates	Coordinator	Partners	Summary	Tags
PROGRESS	ENTR (607679)	not yet available	Call 2013.2.2-5 CP Protection	Protection and Resilience Of Ground based infRastructures for European Space Systems; EU fund 3,337,014: Focus on improving security, resilience of Global Navigation Satellite Systems GNSS. Resulting threats prioritisation, scenarios will be used as input to develop prototype Security Management Solution: PROGRESS SMS, centralized solution able to detect automatically attacks with built-in reconfiguration capability ensuring overall system Quality of Service. Composed of Integrated Ground Station Security Monitoring System IGSSMS, Security Control Centre. IGSSMS will be innovative solution for detection of cyber attacks, Radiofrequency attacks, physical attacks. Security Control Centre will analyse impact of reported attacks on system performance, propose mitigation strategies, automatic system reconfiguration,	May 2014 / Apr. 2017	CEA (F)- Paris	Crabbe Consulting Ltd - Stockton-on-Tees (UK), Decisio BV - Amsterdam (NL), DLR Köln - Köln (DE), FhG FHR - Wachtberg (DE), Qascom - Bassano del Grappa VI (IT), Securiton Gmbh - Achern (DE), Univers. Ljubljani - Ljubljana (SI), Thales Alenia Space - Madrid (ES), Thales Alenia Space - Rome (IT), Thales Alenia Space - Paris (F),	Resilience of Global Navigation Satellite Systems, develop prototype Security Management Solution,	Security, Concepts, Cis,
PROMERC	REA (607685)	http://www.kiwibootstrap.nl/partners/	Call 2013.2.4-2 CP Protection	Protection Measures for Merchant Ships; EU funds 2,224,958: ProMerc aims to reduce vulnerability of EU merchant fleets, maritime supply lines to criminal abduction, extortion; It reduces risk to mariners, shipping, environment, costs. Provision of: • Independent review, recommendations about non-lethal technologies for pirate avoidance & opposing boarding of vessels by pirates; • automated voyage planning support tool to aid shore based authorities; • automated decision support tool to provide seafarers with real time threat assessment, evaluation of possible courses of action & recommended course of action; • Recommendations on further development of counter piracy measures;	Mar. 2014 / Fev. 2016	Flir Systems Ltd (UK) - Kings Hill near London	NATO - Brussels (BE), Univers. World Maritime - Malmoe (SE), Panepistimio Aigajou - Mytilini (GR), Security Assoc. For Maritime Industry Ltd - London (UK), Uniresearch BV - Delft (NL), TNO - Delft (NL), Engineering Informatica Spa - Rome (IT), Oldendorff Carriers Gmbh - Lubeck (DE),	Supply chain, vulnerability of EU merchant fleets, counter piracy measures,	Security, Boarder, Transport
PROTECTRAIL	REA (242270)	http://www.protectrail.eu/	Call 2009-2.2-01 IP Protection	Railway-Industry Partnership for Integrated Security of Rail Transport; EU funds 13,115,064: To develop integrated system to improve security of rail transportation through better protection of railways, trains, to reduce disparity in security between EU railway systems. This will include immunity of signal, power distribution systems against electromagnetic terrorism, detection of abnormal objects on or under ballast; clearance of trains before daily use; control of access to driver's cabin, detection of unauthorised driver; new methods/tools to isolate & secure luggage; as well as study, tools to reduce disparity of EU railway systems' security. It will demonstrate potential of EU rail transportation systems for improved protection & homogeneity.	Sept. 2010 / Jun. 2014	ANSALDO, member of Finnemecanica (IT) - Genoa	SELEX - Rome (IT), TNO - Delft (NL), Union Internationale des Chemins de Fer - Paris (F), Bombardier Transportation Gmbh - Berlin (DE), Alstom Transport SA - Paris (F), Thales - Paris (F), Sarad Gmbh - Dresden (DE), UNIFE The European Rail Industry - Brussels (BE), Morpho - Paris (F), Sagem Sécurité SA - Paris (F), Ductis Gmbh - Goldbach (DE), Železničná spoločnosť Slovensko as - Bratislava (SK), Joint Stock Company Lithuanian Railways - Vilnius (LT), ItalCertifer Scpa - Florence (IT), PKP Polskie Linie Kolejowe SA - Warszawa (PL), D'Appolonia Spa - Genova (IT), Elbit Systems Ltd - Haifa (Israel), Univers. Namur Asbl - Namur (BE), Eppra - Courtaboeuf (F), Kingston University Higher Education Corporation - Kingston (UK), Sodern - Paris (F), Smiths Heimann Sas - Vitry near Paris (F), Rail Cargo - Wien (AT), CEA - Paris (F), Institut Franco-Allemand de Recherches de Saint-Louis - Saint-Louis (F), Turkish State Railways - Ankara	Energy Transport , Integrated protection of rail transportation,	Security, Boarder, Transport
PSYCRIS	REA (312395)	http://psycris.eu/	Call 2012.4.1-2 CP Prevention	PSYcho-Social Support in CRISis Management; EU funds 3,827,525: Objectives: - Status quo analysis of psychological, medical support in crises in EU countries; - Improvement of support strategies for victims, affected individuals, crisis managers; - Enhancement of psycho-medical preparedness for major incidents (contingency planning); - Development of interventions to deal with stress & reduce stress related disorders of crisis management personnel, authorities; - Providing efficient self-help strategies to communities affected by crises; - Investigation of long-term psycho-social, societal, cultural impact of crises. Results will have significant impact on public health, community resilience, international cooperation, cost containment.	Sept. 2013 / Jun. 2016	Univers. Ludwig-Maximilians - München (DE)	Univers. de Granada UGR - Granada (ES), UMIT - Private Univers. für Gesundheitswissenschaften, Medizinische - Hall in Tirol (AT), Kitokie projektai KKP - Vilnius (LT), Blended Solutions Gmbh BSO - Hamburg (DE), Bayerische Forschungsallianz Gmbh - München (DE), Amuta LeYeladim beSikun - Cohen-Harris Resilience Center for Trauma and Disaster Intervention - Tel Aviv (Israel), Insight Instruments ISI - Hallein (AT), Protection Civile Luxembourg Groupe de Support Psychologique GSP (Luxembourg), Colegio Oficial de Psicólogos de Andalucía Oriental COPAO - Granada (ES),	Psycho social support in Crisis Management ,	Crisis, Ethics,
PULSE	REA (607799)	not yet available	Call 2012-1 CP Prevention	Platform for European Medical Support during major emergencies; EU funds 2,789,940: EU Health Services EHS comprise hospitals, community health services, pre-hospital emergency care services, medical suppliers, rescue services, health related voluntary services... EHS need consistent, coordinated, standardised advanced support methods, tools providing support in critical task: early threat detection, common operational picture, creation of surge capacity. Project: a) comprehensively studying procedures, processes, training requirements; b): • Develop standard & consistent response procedures, processes; • Provide tools to support decision making in preparedness & response phases; • Provide Framework that ensures decision makers have access to timely key data, planning, decision support tools, international best practice, lessons learnt; • Present innovative training techniques to improve personnel response training; • Develop 'emergency app' for smart phones that will allow users fast, flexible access to emergency resource availability information;	Jul. 2013 / Jun. 2016	Skytek Ltd (IE) - Dublin	CESS Centre for European Security Strategies - München (DE), Onest Solutions Srl - Bucarest (RO), SELEX - Rome (IT), Trilateral Research & Consulting LLP - London (UK), Univers. Cattolica del Sacro Cuore - Milan (IT),	Platform for European Medical Support, EHS,	Crisis

RAIN	REA (608166)	http://rain-project.eu/	Call 2103.2.1-2 CP Response	Risk Analysis of Infrastructure Networks in Response to Extreme Weather; EU funds 3,493,600: Develop systematic risk management framework that explicitly considers impacts of extreme weather events on critical infrastructure & develops series of mitigation tools to enhance security of pan-EU infrastructure network. Outputs will aid decision making in long term, securing new robust infrastructure development & protection of existing infrastructure against changing climates, increasingly more unpredictable weather patterns. RAIN will minimise risk of chaos in extreme weather events by predicting, using most advanced statistical methods, how both weather patterns are likely to emerge & how infrastructures will react. Approach will show how reducing uncertainty & considering impacts of society can yield significant economic, social, humanitarian benefits	May. 2014 / Apr. 2017	Trinity College Dublin (IE) - Dublin	European Sever Storms Laboratory - Wessling (DE), University of Žilina FSE - Žilina (CZ), Technische Universiteit Delft (NL), Gavin and Doherty Geosolutions Ltd - Dublin (IE), Dragados SA Madrid (ES), Freie Universitaet Berlin (DE), Roughan & O' Donovan Ltd - Dublin (IE)., Hellenberg International Oy - Helsinki (FI), Istituto di Sociologia Internazionale ISIG - Gorizia near Trieste (IT), PSJ - Delft (NL), Finnish Meteorological Institute FMI - Helsinki (FI), Youris.com - Brussels (BE), Gas Natural Fenosa - Barcelona (ES), Aplicaciones en Informatica Avanzada AIA - Barcelona (ES),	Extreme Weather, Risk Analysis, Infrastructure, Design areas,	Security, Concepts, Cis,
RAPTOR	REA (218259)	http://www.raptor-project.eu/	Call 2007-1.2-02 CP Protection	Rapidly deployable, gas generator assisted. inflatable mobile security kits for ballistic protection of European civilians against crime and terrorist attacks; EU funds 2,060,995: Development of a mobile, rapidly deployable, inflatable structure for ballistic protection. Working on specific solutions to support EU security forces in prevention, response to various threat scenarios. Emphasis is placed on protection of individuals, general security at events, humanitarian workers (as Red Cross); Development of textiles & coatings for ballistic protection; Development of a gas generator formulation with high mass specific gas output, low gas temperature, non-toxic gas components; Evaluation, testing of combustion chamber designs with respect to small size, light weight;	Jan. 2010 / Jan. 2014	FhG ICT (DE) - Pfinztal	Bundeskriminalamt BKA - Wiesbaden (DE), Dr. Lange GmbH & Co KG - Hannover (DE), Explosia as - Pardubice (CZ), P-D Interglas Ltd - Sherborne (UK),	Intelligence against Terrorism, ballistic protection, Risk Analysis, Infrastructure, Extreme Weather,	Crisis,
RECOBIA	REA (285010)	https://www.recobia.eu/	Call 2011.6.1-4 CP Preparedness	REduction of COgnitive BIAses in Intelligence Analysis; EU funds 3,215,454: Improve quality of intelligence analysis by reducing negative impact of cognitive biases upon intelligence analysis. Assessment of cognitive biases & assess how these biases affect the practice of intelligence analysis. Building on this initial assessment, best practices to reduce negative impact of cognitive biases will be defined, likely to be found in software tools domains, training of analysts & organizational issues.	Fev. 2012 / Jan. 2015	Compagnie Européenne d'Intelligence Stratégique CEIS (F) - Paris	Hawk Associates Ltd - London (UK), Thales - Paris (F), Atos - Madrid (ES), CEA - Paris (F), ISEA Psy - Mondeville near Caen (F), EUROSINT Forum - Brussels (BE), Zanasi Alessandro - Modena (IT), Univers. Konstanz (DE, Technische Universitat Graz (AT),	Citizen Media,	Security, Concepts
RECONASS	REA (312718)	http://www.reconass.eu/	Call 2012-1 CP Recovery	Reconstruction and REcovery Planning: Rapid and Continuously Updated COnstruction Damage, and Related Needs ASSessment; EU funds 4,260,240: Provide monitoring system for constructed facilities, as target for terrorist attacks, that will provide real time, reliable, continuously updated assessment of structural condition of monitored facilities after disaster with detail to be useful for recovery planning: physical damage, loss of functionality, direct economic loss & needs of monitored facilities, providing required input for prioritization of repair. In spatially extended events, it will be used speedy local calibration of satellite & oblique aerial photography reducing required time to inform post disaster/crisis needs assessment process, provide base data for reconstruction efforts. This tool will enable fusion of external information, provide international interoperability between involved units for reconstruction & recovery planning & support collaborative work between actors.	Dec. 2013 / Jun. 2017	ICCS Institute of Communication and Computer Systems (GR) - Zografou near Athens	Univers. Twente (NL), TU Dresden (DE), FOI - Stockholm (SE), Risa Gmbh - Berlin (DE), Tecnic Spa - Rome (IT), D. Bairaktaris Associates Ltd - Athens (GR), GeoSIG Ltd - Schlieren near Zurich (CH), Federal Agency for Technical Relief THW - Bonn (DE),	Post-crisis needs assessment tool, damage mapping,	Crisis,
REDIRNET	REA (607768)	http://www.nextel.es/idi/redirnet?lang=en	Call 2013.5.1-1 CP Preparedness	Emergency Responder Data Interoperability Network; EU funds 3,498,968: Provide decentralized framework for interoperability for first responders' systems based on public meta-data gateway controlled by agencies themselves via socio-professional web, with detailed mapping of user preferences, related legal requirements using innovative technologies on sensor systems & cameras, additional IT systems (data bases). Agencies will be able link up to partner agencies of their choice & operational need;	Mar. 2014 / Aug. 2016	Ardaco, a.s.(SK) - Bratislava	Nextel SA - Bizkaia (ES), Centre Excellence Information Communication Technologies CETIC - Brussels (BE), Univers. du Luxembourg (LU), BAPCO – British Association of Public Safety Communication Officers - Manchester (UK), IJS – Institut Jozef Stefan - Ljubljana (SI), Slovak Academy of Science - Bratislava (SK), Verde - Bratislava (SK), Pramacom - Praha (CZ),	Information Management, Analysis and identification of security systems and data set used by first responders and police , interoperability of communications,	Crisis,
RESPECT	ENTR (285582)	http://respectproject.eu/	Call 2011.10.6 CP Preparedness	RESPECT Rules, Expectations & Security through Privacy-Enhanced Convenient Technologies; EU fund 3,492,690: Investigate if current, foreseeable implementation of ICTs in surveillance is in balance & where lack of balance may exist or is perceived by citizens not to exist. It explores options for redressing balance through combination of Privacy-Enhancing Technologies, operational approach. Investigating 5 key sectors not yet tackled by other projects researching surveillance (CCTV, database mining & inter connection, on-line social network analysis, RFID & geo-location/sensor devices, financial tracking), it will carry out research on citizens awareness, attitudes to surveillance. It will produce tools enable for policy makers to understand socio-cultural as operational & economic impact of surveillance systems.	Fev. 2012 / May 2015	University of Groningen (NL) - Groningen	Univers. Wien Univ. (AT), CNR Italian National Research Council - Napoli (IT), Univers. Georg-August - Goettingen (DE), Univers. of Ljubljana (SI), Univers. Uppsala (SE), Univers. Oslo (NO), Univers. Sheffield (UK), Univers. Barcelona (ES), Univers. Malta (MT), Univers. Masaryk (CZ), Univers. Babes Bolyai - Cluj Napoca (RO), Univers. Edith Cowan - Mt Lawley near Perth (Australia), Univers. Komenskeho - Bratislava (SK), Law Internet Foundation - Sofia (BG), Univers. Leon (ES), Univers. Westminster (UK), Interpol - Lyon (F), Laboratorio di Scienze della Cittadinanza LSC - Rome (IT), Univers. of Central Lancashire - Preston near Blackburn (UK), Univers. Gottfried Wilhelm Leibniz - Hannover (DE),	Toolkit producing Policy Matrix Checklist/Operating guidelines,	Ethics

REWARD	REA	http://www.reward-project.eu/	Call 2011.1.5-1 CP Protection	REal-time Wide-Area RaDiation Surveillance System; Eu funds 3,020,795: REWARD is a novel mobile system for real-time, wide-area radiation surveillance. It is based on integration of new miniaturized solid-state radiation sensors: CdZnTe detector for gamma radiation & high efficiency neutron detector based on novel silicon technologies. Sensing unit will include wireless communication interface to send data remotely to monitoring base station as GPS system to calculate the tag position. REWARD will be useful for many different scenarios such as nuclear terrorism threats, lost radioactive sources, contamination or nuclear accidents. It can be deployed in emergency units, in any type of mobile or static equipment, but also inside public /private buildings or infrastructures.	Dec. 2011 / Dec. 2014	Consejo Superior de Investigaciones Cientificas CSIC (ES) - Barcelona	Sensing & Control Systems - Barcelona (ES), Vitrociset Spa - Rome (IT), Univers. Freiburg (DE), Instituto Tecnológico e Nuclear ITN - Lisboa (PT), XIE. X-ray Imaging Europe - Freiburg (DE), EDISOFT - Lisboa (PT), Civil Protection Unit of Campania - Napoli (IT),	Mobile system for real-time, wide-area radiation surveillance,	R, N
RIBS	REA (242497)	http://www.ribs-project.eu/	Call 2009-2.3-01 CP Prevention	Resilient infrastructure and building security; Eu funds: 3,321,957: RIBS derives a scientific method for security system engineering design that can be challenged & improved similarly to other areas of engineering & physical sciences. will be carried out for range of security systems aimed at securing buildings against hostile reconnaissance,intruders and hazardous attack (including chemical, biological and explosive). Results include : »1: Study of live building, its 'eco-system', its protection measures, threats; integration of elements into single multi-layer model; » 2: Identification of vulnerabilities through incident analysis, protection-measures analysis; » 3: Development of design requirements.	Dec. 2010 / Nov. 2013	Univers. College London (UK)	Technion Israel Institute of Technology - Haifa (Israel), H.Petropoulea&co - Athens (GR), KTH Royal Institute of Technology - Stockholm (SE), Technical University of Denmark - Lyngby (DK), National Bank of Greece - Athens (GR), Aedas Architects Limited - London (UK),	Design areas, Built infrastructure protection, including building in resilience to attack at the design stage,	CBRN, Crisis,
ROSFEN	REA (312829)	http://www.rosfen.eu/	Call 2012.7.2-1 CP Detection	Rapid On-site Forensic Analysis of Explosives and Narcotics; EU funds 1,420,262: Detection of high-explosive primer charge (PETN) is hampered by higher-concentration residues from main charge (ammonium nitrate). Detection of the primer is essential in order to secure prosecution. ROSFEN's goal is to deliver an advanced forensic platform for rapid, on-site direct detection, lab-quality analysis of narcotics, explosives, precursors. It is based on novel chip-based triple quadrupole mass spectrometer with advanced front-end ion filter & sample introduction/pre-concentration module.	Avr. 2013 / Avr. 2015	University College Cork, National University of Ireland, Tyndall National Institute - Cork (IE)	Microsaic Systems - Surrey (UK), Environics OY - Mikkeli (FI), Univers. Basel (CH), Department of Justice Northern Ireland, Forensic - Belfast (UK), Police Service of Northern Ireland PSNI - Belfast (UK),	Advanced forensic methods, Detection of high-explosive primer charge,	E,
SAFECITI	REA (607626)	http://www.safecity-project.eu/	Call ICT-2011.1.8 CP Preparedness	Future Internet Applied to Public Safety in Smart Cities; EU funds 3,719,000: Safecity deals with smart Public safety, security in cities. Main goal is to collect specific requirements driven by relevant users on the Future of Internet versus to generic ones. Methodology: 1. Definition of specific scenarios to negotiate with available infrastructures to support Safecity functionality, considering involvement of main cities in EU. .2. Collection of specific enablers, technical, functional requirements on Future Internet in relation with Public Safety. 3. Elaboration of conceptual Safecity prototypes & early trials in order to study feasibility. .4. Strong liaison with other FI-PPP use cases & FI Core Platform. SafeCity will be aware about creation of the core platform & develop. generic enablers.5. Establishing coherent dissemination plan in line with overall FI PPP initiatives.	Avr. 2011 / Avr. 2013	Isdefe (ES) - Madrid	Thales - Paris (F), Center for Security Studies KEMEA - Athens (GR), Research & Education Laboratory in IT - Athens (GR), Athena GS3 Ltd - Holon (Israel), Tekever - Lisboa (PT), Mira Telecom Srl - Bucarest (RO), Everis Spain SL - Madrid (ES), Ayuntamiento de Madrid (ES), Hi Iberia Ingenieria y Protectos - Madrid (ES), Tecnalia - San Sebastian (ES), FOI - Stockholm (SE), VTT - Espoo (FI), Aratos Technologies SA - Patras (GR), Telecom Italia Spa - Milano (IT),	Training, Use Case scenarios and early trials,	Cyber,
SAFE-COMMS	REA (218285)	http://faculty.biu.ac.il/~ sshpiro/	Call 2007-6.1-03 CP Prevention	Counter-terrorism crisis communications strategies for recovery and continuity; EU funds 1,088,244: Goal is to help public authorities in EU better reacting to terror crises by providing effective communication strategies for aftermath of terror attacks, seeking to spread fear, panic, by breaking news media throughout world. Effective recovery depends on carefully planned, trained communication strategy, restoring public & quick return to normality. Public authorities need a counter-terrorism communication strategy comprised of activities aimed at relevant audiences. SAFE-COMMS aims to provide public authorities throughout Europe with an effective, modular communication strategy for terror crises.	Avr. 2009 / Avr. 2011	Bar Ilan Univers. (Israel) - Tel Aviv	A&B One Gmbh - Frankfurt am Main (DE), Research Institute for European and American Studies - Athens (GR), Univers. of Ulster - Coleraine (UK), Univers. de Burgos (ES), Univers. of Rousse Angel Kunchev - Rousse (BG),	Citizen Media, Counter-terrorism crisis communications strategies, Time to revamp security communications,	Cisis
SAFEPOST	ENTR (285104)	http://www.safepostproject.eu	Call 2011.2.4-1 IP Preparedness	Reuse and development of Security Knowledge assets for International Postal supply chains; EU fund 9,523,423: SAFEPOST aims to raise current level of postal security by integrating innovative screening solutions that: 1) do not disrupt the flow of enormous volumes of parcels & letters associated with operational postal processes; 2) support customs & counter-crime intelligence work within a EU-wide cooperative distributed model. After making inventory of security gaps these will be developed into generic postal security models integrated into a Postal Security Target Operating Model, enabling postal operators, customs, other relevant actors to understand how to securely exchange information related not only to security but also to optimisation of postal flows.	Avr. 2012 / Mar. 2016	Association of European Public Postal Operators AISBL - PostEurop (BE) - Brussels	BMT Group - Teddington (UK), Geopost- Smethwick (UK), , FOI - Stockholm (SE), Tellusecure TLS - Lund (SE), MJC2 Ltd - Crowthorne (UK), Inlecom Systems Ltd - Burgess Hill (UK), Correos y Telégrafos - Madrid (ES), Atos - Madrid (ES), Stichting Nederlands Normalisatie-instituut - Delft (NL), Confederation of Organisations in Road Transport Enforcement AISBL - Brussels (BE), Hellenic Post - Athens (GR), K-NET - Athens (GR), Marlo - Heer (NO), Fundación Zaragoza Logistics Center ZLC - Zaragoza (ES), Conceptivity - Meyrin (CH), Íslandspóstur - Reykjavik Iceland (IS), Università degli Studi di Genova - Genova (IT), Cross-border Research Association - Echandens (CH), Europ. Organis. for Security EOS - Brussels (BE),	Postal Security Target Operating Model,	Security, Concepts

Acronym	Funder	URL	Call / Type / Topic	Description	Dates	Coordinator	Partners	Focus	Category
SAFEWATER	ENTR (312764)	not yet available	Call 2012.1.5-2 CP Detection	Innovative tools for the detection and mitigation of CBRN related contamination events of drinking water; EU fund 3,494,338: SAFEWATER will develop an affordable global generic solution for detection & management of drinking water crises resulting from CBRN contamination. It addresses key drinking water incident management challenges at large, & current shortcomings related to contamination of water networks by CBRN agents. Functionalities of leading Event Management System will be expanded by introducing online simulation capacities, allowing users to have close to real-time view of network's behaviour. New sensors will be proposed for online B, R water quality measurements.	Oct. 2013 / Sept. 2016	Arttic (F) - Paris	FhG ISOB - Karlsruhe (DE), Checklight Ltd - Qiryat Tiv on (Israel), Whitewater techno Ltd - Tel Aviv (Israel), Hagihon Co Ltd - jerusalem (Israel), Acreo Swedish ICT - Kista (SE), 3s Consult Gmbh - Garbsen (DE), CEA- Paris (F), Aguas do Algarve SA - Faro (PT),	Detection and mitigation of CBRN contamination events of drinking water,	CBRN
SAFIRE	ENTR (241744)	http://www.safire-project.eu/	Call 2009-6.1-01 CP Preparedness	Scientific Approach to Finding Indicators of and REsponses to Radicalisation; EU fund 2,906,600: Improve fundamental understanding of radicalization processes to prevent, halt & reverse radicalization. Develop a process model of radicalization, describing the process from moderation to extremism, based on non-linear dynamic systems approach & typology of radical groups. Envisaged end-users are policy makers, researchers in the field of radicalization, professionals who work with high-risk individuals.	Jun. 2010 / Jan 2013	TNO (NL) - Delt	Univers. Amsterdam (NL), Stichting Forum Instituut voor Multiculturele Ontwikkeling - Utrecht, (NL), Rand - Cambridge (UK), CEIS - Paris (F), Univers. Coimbra (PT), FRS- Paris (F), Bridge129 Spa - Reggio Emilia (IT), Stichting Hogeschool Utrecht (Hogeschool) - Utrecht (NL), Int. Security and Counter-terrorism Academy ISCA - Rishon Letzion (Israel),	radicalisation processes,	Security, Concepts
SALIANT	REA (242377)	http://www.saliant.eu/	Call 2009-1.3-04 CP Detection	Selective Antibodies Limited Immuno Assay Novel Technology; EU funds Development of a hand-held device for real-time analysis of trace levels of explosives, toxic chemicals and drugs. Key innovation is a highly novel simple positive detection lateral-flow test for small molecules, highly sensitive, very easy to use. It is ideally suited for deployment by first responders at crime scenes & terrorist incidents. SALIANT is employing positive detection technology of Selective Antibodies Ltd to develop robust system for measurement of low level samples.	Sept. 2010 / Dec. 2013	University of Newcastle upon Tyne UNEW (UK) - Newcastle	Selective Antibodies Limited SAL - Newcastle upon Tyne (UK), Oy Reagena Ltd - Toivala (FI), Indicia Biotechnology - Oullins (F), Department of Justice Equality & Law reform - Dublin (IE), Zilinska univerzita v ziline UNIZA - Zilika (SK), Netherlands Forensic Institute NFI - The Hague (NL), Applikon Analyzers - Schiedam (NL), Stichting Dienst Landbouwkundig Onderzoek DLO-FBR - Wageningen (NL), Centre of Excellence for Life Sciences Ltd CELS - Newcastle upon Tyne (UK), Kite Innovation Europe Ltd KITE - Huddersfield (UK),	Ordinary Crime Forensic,	C, B, E,
SALUS	ENTR (313296)	http://www.sec-salus.eu/	Call 2012.5.2-1 CP Protection	Security And InteroperabiLity in Next Generation PPDR CommUnication InfrastructureS; EU fund 3,499,829: Public Protection & Disaster Relief (PPDR) agencies in EU MS are relying on digital Private Mobile Radio (PMR) networks for mission-critical voice, data communication. These networks are resilient & properly dimensioned to cope with crisis & emergency handling, well protected against monitoring & intrusion by means of encryption, authentication & integrity. SALUS is to design, implement & evaluate next generation communication network for PPDR, which will provide security, privacy, seamless mobility, QoS, reliability support for mission-critical PMR voice & broadband data services. It covers full techno-economic scope regarding development & deployment by focusing on integration / migration to 4G wireless developments targeting 3 critical scenarios: 1) city security, 2) disaster recovery, 3) temporary protection.	Sept. 2013 / Aug. 2016	Instituto de Telecomunicações (PT) - Lisboa	EADS Cassidian - Paris (F), Rohill Technologies BV - Hoogeveen (NL), Airwave Solutions Ltd - Slough (UK), FhG IOSB - Karlsruhe (DE), Twente Institute for Wireless and Mobile Communications BV TI-WMC - Twente (NL), OneSource Consultoria Informatica Lda - Coimbra (PT), Univers. of Ljubljana (SI), Univers. Twente (NL), Univers. Kingston (UK), Univers. of Patras (GR), Ubitel Ltd - St. Petersburg (Russia), Univers. of Belgrade (Serbia), Public Safety Communication Europe Forum PSCE AISBL - Brussels (BE), Alcatel-Lucent International SAS - Paris (F), Pelastusopisto Emergency Services College - Kuopio (FI),	Next generation communication network for PPDR	Security, Concepts
SAMURAI	REA (217899)	http://www.samurai-eu.org	Call 2007-2.3-04 CP Detection	Suspicious and Abnormal behaviour Monitoring Using a netwoRk of cAmeras for sItuation awareness enhancement; EU funds 2,478,051: Develop and integrate an innovative surveillance system for monitoring both interior & surrounding areas of critical public infrastructure site. For abnormal behaviour detection, it combined multi-sensor source data processing with series of preprogrammed abnormal, rare or "of interest" behavioural triggers. To integrate sensory input from patrolling staff, SAMURAI designed & developed Ninja, wearable sensor suit with built in data ports for camera & audio inputs.	Jun. 2008 / Nov 2011	Queen Mary, University of London (UK)	Università degli Studi di Verona - Verona (IT), Elsag Datamat Spa - Genova (IT), Waterfall Solutions Ltd - Woking (UK), Borthwick-Pignon OÜ - Tartu (EE), Esaprojekt SP. Zoo - Katovice (PL), Syndicat Mixte des Transports pour le Rhône et l'Agglomération Lyonnaise - Lyon (F), BAA Ltd - Hounslow (UK),	Surveillance system, monitoring interior & surrounding areas of critical public infrastructure	Crisis,
SAPIENT	REA (261698)	http://www.sapientproject.eu/	Call 2010.6.5-2 CP Ethics	Supporting fundamentAl rights, PrIvacy and Ethics in surveillaNce Technologies; EU funds 1,248,577: Provide strategic knowledge on the state of the art of surveillance studies, emerging smart surveillance technologies, & adequacy of existing legal framework. It will entail the development & validation of scenarios around future smart surveillance systems, & will apply best elements of existing PIA (privacy impact assessment) methodologies to construct a surveillance related PIA framework. It will lead to a practical handbook.	Fev. 2011 / Jul. 2014	FhG ISI (DE) - Karlsruhe	Trilateral Research & Consulting LLP - London (UK), Centre for Science, Society and Citizenship CSSC - Rome (IT), Vrije Universiteit Brussel (BE), Univers. of Lugano USI - Lugano (CH), King's College London, Department of War Studies - London (UK), Centre for European Policy Studies CEPS - Brussels (BE),	Ethics Justice,	Ethics
SAVASA	REA (285621)	www.savasa.eu	Call 2011.5.3-4 CP Detection	Standards Based Approach to Video Archive Search and Analysis; EU funds: 3,166,267: SAVASA platform will allow authorized users to perform semantic queries over various remote & non-interoperable video archives: 1 Decoupling of CCTV,Video Archive installations from technologies, proprietary & based on diverse technical principles; 2 Searches across multiple archives based on generalized hypothesis rather than concrete syntactic concepts; 3 Smart technology solution capable of gathering images, preserving privacy of individuals, capable of showing objects, faces, scenarios.	Dec. 2011 / Jul. 2014	Angel Iglesias S.A.- IKUSI (ES) - San Sebastián	Centro Tecn. Interacción Visual Comunic. VICOMTech - San Sebastián (ES), Studio Professionale Associato a Baker & McKenzie - Milano (IT), HI-Iberia Ingeniería y Proyectos - Madrid (ES), Univers. Dublin City - Dublin (IE), Univers. of Ulster - Coleraine (UK), Ineco - Madrid (ES), Demokritos - Athens (GR), Sintel Italia - Pomezia (IT), Dirección General de Tráfico – Ministerio del Interior - Madrid (ES), Renfe Operadora - Madrid (ES),	Interoperability Information, Video archive search, Tracking analysis of CCTV footage	Crisis,

SAVELEC	REA (285202)	http://savelec-project.eu/	Call 2011.1.4-2 CP Prevention	Safe control of non-cooperative vehicles through electromagnetic means; EU funds 3,321,749: Perform a review of technology available on market for generation of EMP/HPM signals; provide a cost-based assessment regarding different options for generating EMP/HPM signals. Requirements' capture phase until the implementation & demonstration of breadboard prototype regarding the technology under evaluation.	Jan. 2012 / May. 2016	IMST Gmbh (DE) - Kamp-Lintfort near Duisburg	DLR Institute of Vehicle Concepts FK - Stutgartt (DE), MBDA France SA - Paris (F), Technological Educational Institute of Piraeus TEIP - Egaleo (GR), BCB Informatica y Control SI - Madrid (ES), VTI Statens Vag-Och Transportforskningsinstitut - Linkoeping (SE), Univers. Otto-Von-Guericke - Magdeburg (DE), Akademia Ozbrojenych Sil Generala Milana Rastislava Stefanika - Liptovsky Mikulas (SK), HAI Hellenic Aerospace Industry SA - Athens (GR), ITACA - Valencia (ES),	Safe external control of non cooperative vehicles, Ordinary Crime Forensic	Crisis,
SAVEMED	REA (261715)	http://www.savemed.org/	Call 2010.1.3-2 CP Protection	Microstructure secured and self-verifying medicines; EU funds 3,144,724.50: Add anti-counterfeiting, track & trace technology to product level. SAVEmed brings solution for counterfeiting & illegal re-import problem in medical product market: • use of microstructures, nanostructures to create unique coding, marking; • High speed optical reading and recognition, applied in factory, warehouse, at distributors; • Analysis of global supply chain. It aims to minimize any changes necessary in registration for pharmaceutical drugs, is focused on minimal or zero changes to in-line production processes.	Avr. 2011 / Mar. 2014	NANO-4-U GmbH (DE) - Karlsruhe	Heliotis AG - Zürich (CH), Centre Suisse d'Electronique et Microtechnique - Neuchatel (CH), SteriPack Ltd. - Co Offaly (IE), Klocke Holding - Weingarten (DE), Mauer Spzoo - Trzebiel (PL), UNCRI - Torino (IT),	Tackling counterfeit medicines and related criminal networks, Organised Crime, counterfeiting,	Crime, Security, Concepts
SAWSOC	REA (313034)	http://www.sawsoc.eu/	Call 2012.2.5-1 CP Preparedness	Situation AWare Security Operations Center; EU funds 3,491,379: Aims at bringing significant advancement in convergence of physical & logical security technologies. It means: effective cooperation (i.e. a coordinated & results-oriented effort to work together) among previously disjointed functions. SAWSOC holistic approach will allow dependable (i.e. accurate, timely, & trustworthy) detection, diagnosis of attacks: 1.Guaranteeing protection of citizens & assets 2.Improving perception of security by citizens.	Nov. 2013 / Avr. 2016	SELEX (IT) - Florence	CINI Consorzio Interuniversitario Nazionale per l'Informatica - Rome (IT), FhG IOSB - Karlsruhe (DE), Israel Electric Corporation IEC - Haifa (Israel), ENAV Spa - Rome (IT), Intercede Ltd - Leicester (UK), ESPION Ltd - Dublin (IE), Lonix Oy - Helsinky (FI), Univers. of Wuppertal BUW - Wuppertal (DE), Esaprojekt - Chorzow (PL), Comarch - Cracovia (PL),	Cyber Crime,	Crime, Security, Concepts
SCIIMS	REA (218223)	http://www.sciims.co.uk/	Call 2007-1.3-06 CP Preparedness	Strategic crime and immigration information management system; EU funds 2,318,996: The team focused on computer-based technology to strengthen ability of LEAs to search, mine, fuse information from massive datasets obtained from diverse sources. Taking into account how investigators construct & represent data for an investigation, it produced an integrated demonstration system to show effectiveness of their technologies, which support the various stages of investigation, from the foraging for information to making sense of it. According to SCIIMS team, their project's technology could be very useful in detecting unusual & criminal behavior &	Nov. 2009 / Oct. 2012	BAE Systems (UK) - Rochester near London	Data Fusion International - Dublin (IE), Denodo Technologies - A Coruna (ES), Indra Sistemas - Alcobendas near Madrid (ES), Selex - Rome (IT), Hungarian Academy of Sciences MTA SZTAKI - Budapest (HU), Univers. of A Coruña - La Coruna (ES),	Informaion Gathering, Innovative technology to prevent human trafficking, People Trafficking and People Smuggling,	Crime, Security, Concepts
SCINTILLA	REA (285204)	http://www.scintilla-project.eu/	Call 2011.1.5-1 CP Detection	Development of detection capabilities of difficult to detect radioactive sources and nuclear materials; EU funds 3,023,652: Aims at building innovative, comprehensive toolbox of devices, best-of-breed technologies for enhanced detection & identification of difficult to detect radioactive sources & nuclear materials. It covers broad range of different usage cases as automatic screening of moving targets: people, cars, trucks, inspection of large containers detection of radioactive sources in bombs.	Jan. 2012 / Dec. 2015	CEA (F) - Paris	JRC - Brussels (BE), Italian National Institute for Nuclear Physics INFN - Torino (IT), Ansaldo STS - Genova (IT), Hungarian Academy of Sciences MTA SZTAKI - Budapest (HU), FhG INT - Euskiirchen near Bonn (DE), Arttic - Paris (F), Saphymo Sas - Massy near Paris (F), Symetrica Security Ltd - Southampton (UK),	CBRN Protection, detection capabilities of R, N sources, nuclear materials,	R, N,
SCOUT	ENTR (607019)		In Building Call 2013-1 CP Protection	Multitech SeCurity system for intercOnnected space control groUnd staTions; EU fund 2,382,811: Study, design, analyze on risk-based approach security system relying on multiple technologies for protection of space control ground stations (SCGSs) against physical, cyber attacks & for intelligent reconfiguration of ground station network in case of nodes fail. 3 subsystems: 1) Distributed multisensor network for protection against physical attacks: low impact passive sensors: passive radar, infrared camera, radiometric SAR), low emission radars: noise radar based sensors; 2) Distributed telecom network sensing system by hardware & software probes, honeynet, central engine; 3) Management network system for automatic restoration, intelligence reconfiguration of SCGS network. MCU tasks: 1) data processing 2) decision making support 3) subsystem control with graphical user interface.	Not launched	CNIT Consorzio Nazion. Interuniversit. Telecomunicazioni (IT) - Parma	Agenzia Spaziale Italiana ASI - Rome (IT), National Academy of Sciences of Ukraine - Kiev (Ukraine), FhG Zv - Muenchen (DE), Fsc.-bezpecnostni-poradenstvi as - Ostrava (CZ), MetaSensing Bv - Noordwijk (NL), Politechnika Warszawska - Warszawa (PL), Tecnobit SI - Madrid (ES), Univers. de Alcala - Madrid (ES), Vitrociset spa - Rome (IT),	Security system for protection of space control ground stations,	Security, Concepts, Cyber,
SEABILLA	REA (241598)	http://www.seabilla.eu	Call 2009-3.2-02 IP Protection	Sea Border Surveillance; EU funds 9,841,604: SeaBILLA proposal aims to: • define architecture for cost-effective EUSea Border Surveillance systems, integrating space, land, sea, air assets, including legacy systems; • apply advanced technological solutions to increase performances of surveillance functions; • develop & demonstrate significant improvements in detection, tracking, identification, automated behaviour analysis of all vessels, including hard to detect vessels, in open waters as well as close to coast.;	Jun. 2010 / Fev. 2014	SELEX (IT) - Florence	Alenia Aeronautica - Venegono Superiore (IT), CNIT - Parma (IT), BAE Systems - Farnborough (UK), Correlation Systems - Or Yehuda (Israel), EADS Cassidian - Paris (F), Edisoft - Paco de Arcos (PT), Eurocopter España - Albacete (ES), FOI - Stockholm (SE), Holland Institute of Traffic Technology BV - Apeldoorn (NL), Indra Sistemas - Madrid (ES), JRC - Brussels (BE), Mondeca SA - Paris (F), Sagem Défense Sécurité - Paris (F), Space Applications Services NVSA - Zaventem (BE), Thales Alenia Space Italia - Rome (IT), Thales Defence Deutschland Gmbh - Stuttgart (DE), TNO - Delft (NL), Telespazio - Rome (IT), Thales Systèmes - Paris (F), TTI Norte - Santander (ES), Univers. College London (UK), Univers. UMU de Murcia (ES), Univers. Portsmouth Higher Education Corporation (UK)	Sea border surveillance system,	Security, Boarder, Transport

Acronym		URL	Call / Type / Phase	Description	Dates	Coordinator	Partners	Topic 1	Topic 2
SECCRIT	REA	https://www.seccrit.eu	Call 2012.2.5-2 CP Preparedness	Secure Cloud Computing for Critical Infrastructure IT; EU funds 3,397,319: SECCRIT is multidisciplinary research project with mission to analyse, evaluate cloud computing technologies with respect to security risks in sensitive environments, to develop methodologies, technologies, best practices for creating a secure, trustworthy, & high assurance cloud computing environment for critical infrastructure IT. Topics: - Combination of technical, legal aspects regarding log gathering (SLA management, data protection); - Novel risk assessment methods regarding CI, Cloud; - Understand Cloud behaviour (monitoring, forensic analysis, anomaly detection, root cause analysis, resilience); - Guidelines for secure operation of CI in the Cloud &,Service Assurance; - Real life evaluation scenarios;	Jan. 2013 / Dec 2015	AIT (AT) - Seibersdorf near Wien	Etra Investigacion y Desarrollo SA - Valencia (ES), FhG IESE - Kaiserslautern (DE), Karlsruhe Institute of Technology - Karlsruhe (DE), NEC Europe Ltd.- London (UK), Univers. Lancaster (UK), Mirasys Ltd - Helsinky (FI), Hellenic Telecommunications Organization OTE - Athens (GR), Ajuntament De Valencia (ES), Amaris - Wien (AT),	Cyber Crime, Cis, Clouds,	Crime, Security, Concepts
SECILE	REA (313195)	http://secile.eu/about-us/	Call 2012.6.5-1 CSA Preparedness	Securing Europe through Counter-Terrorism—Impact, Legitimacy and Effectiveness; EU funds 703,098: Create an empirically-informed view of legitimacy, effectiveness of EU security legislation (legal, societal, operational, democratic perspectives). Produce interdisciplinary & multi-stakeholder understanding of mechanisms for measuring impact, legitimacy of legal measures, connecting theoretical & practical perspectives with sound & operationally-informed analysis of these measures in practice. Identify strengths, weaknesses, assumptions, dissonances across & between existing theoretical, institutional & operational perspectives. Strategic approach to create dynamic synergies between legal, sociological, ethical disciplines, authorities & end users in order to generate holistic understanding of operation of EU legal measures. Enable generation of better mechanisms to assess legitimacy of legal instruments, implementation within & across MS.	May. 2013 / Oct. 2014	Durham University (UK) - Durham near Newcastle	Centre for Irish and European Security Ltd CIES (IE), Statewatch - London (UK), National Maritime College of Ireland NMCI - Cork (IE), PRIO Peace Research Institute Oslo (NO), King's College London's (UK), The Supreme Court of the Republic of Latvia - Riga (LV),	Ethics Justice, Legitimacy and effectiveness of legal measures,	Security, Concepts
SECINCORE	REA (607832)	http://groups.uni-paderborn.de/secincore/	Call 2013.5.1-1 CP Prevention	Secure Dynamic Cloud for Information, Communication and Resource Interoperability based on Pan-European Disaster Inventory; EU funds 3,124,666: SecInCoRe is to identify data sets, processes, information systems, business models used by first responders, Police authorities leading to dynamic, secure cloud based 'common information space'. Work:: • pan-EU inventory of past critical events, disaster, consequences focusing collaborative emergency operations & real-time decision making while taking ethics, law, social practices & privacy into account. • Understand ethical, legal, social issues, regulatory environment, constraints & possibilities they imply for use of pan EU cloud based information management services. • Design of secure, dynamic cloud based knowledge base, communication system concept including ability to use emergency information by means of trans-EU communication	May. 2014 / Oct. 2017	Univers. of Paderborn (DE) - Paderborn near Dortmund	TU Dortmund (DE), Univers. Lancaster (UK), T6 Ecosystems srl - Rome (IT), EADS Cassidian - Paris (F), CloudSigma AG - Zurich (CH), British APCO - Lincoln (UK), Center for Security Studies KEMEA - Athens (GR),	Information Management,	Security, Concepts
SECONOMICS	REA (285223)	http://seconomicsproject.eu/	Call 2011.7.5-2 CP Ethics	Socio-Economics meets Security; EU funds 3,451,096: Synthesizing sociological, economic, security science into usable, concrete, actionable knowledge for policy makers, social planners responsible for citizen's security. Developing & furthering state of art in modelling security problems in technological, socio economic context & applying state of art risk assessments, analysis of social context to develop optimal policies. Outputs are twofold: first assessment of future & emerging threats in identified areas with rigorous modeling of optimal mechanisms for mitigation within policy domain. The lasting impact will be a methodological revolution driven by common set of modelling tools & utilizing recent advances in modelling technology.	Fev. 2012 / Jan. 2015	Univers. Degli Study Di Trento (IT) - Trente	FhG ISST - Berlin (DE), Deep Blue SRL - Rome (IT), Univers. Rey Juan Carlos - Madrid (ES), Univers. of Aberdeen (UK), Durham University - Durham near Newcastle (UK), Transports Metropolitans de Barcelona (ES), Atos - Madrid (ES), SecureNOK - Stavanger (NO), IS AS CR - Praha (CZ), National Grid Electricity Transmission plc - London (UK), Anadolu University - Eskisehir (TR),	Security Economics,	Security, Concepts
SECRET	ENTR (285136)	http://secret-project.eu/	Call 2011.2.2-2 CP Prevention	SECurity of Railways against Electromagnetic aTtacks; EU fund 3,059,433: Protection of railway infrastructure against EM attacks. Railway infrastructure is attractive target for EM attacks with extended economic & security consequences. Objectives: - identify vulnerability points at different levels (electronic, systemic); - identify EM attack scenarios, risk assessment (service degradation, potential accidents, economic impacts); - identify public equipment which can be used to generate EM attacks; - develop protection rules to strengthen infrastructure (electronic, architecture, systemic levels); - develop EM attack detection devices & processes; - develop resilient architecture able to adequately react in case of EM attack detection; - extract recommendations to ensure resiliency, contribute to standards...	Aug. 2012 / Jul. 2015	ERT Europe Recherche Transport (F) - Lyon	FhG IAIS - Sankt Augustin (DE), Politecnico di Torino (IT), Trialog - Paris (F), IFSTTAR French institute of science and technology for transport, development and networks - Paris (F), Univers. Liège (BE), Zanassi Alessandro - Modena (IT), Univers. of the Basque Country UPV/EHU- Leioa (ES), SNCF - Paris (F), Union Int. des Chemins de Fer UIC - Paris (F), Alstom - Paris (F),	Protection of railway infrastructure	Security, Concepts, Crisis
SECRICOM	REA (218123)	http://www.secricom.eu	Call 2007-4.2-04 CP Response	Seamless communication for crisis management; EU funds 8,606,568: Demonstrate within integrated communication infrastructure: 1) Cross system/platform communication; 2) Security: Non-repudiation, authenticity, integrity, confidentiality, accountability - User authentication; 3) Quality of service; 4) Resilient connectivity; 5) Integrated, demonstrated; Applications of SECRICOM results: Emergency responders, paramedics, police, fire brigades, public bodies, crisis management headquarters, eHealth systems, eCommerce;	Sept. 2008 / Avr. 2012	Qinetik Ltd (UK) - Farnborough near London	Ardaco, a.s. - Bratislava (SK), Bumar Ltd.- Warsaw (PL), NEXTEL S.A.- Bilbao (ES), Infineon Technologies AG - Neubiberg (DE), Université du Luxembourg (LU), Institute of Informatics, Slovak Academy of Sciences - Bratislava (SK), Graz University of Technology - Graz (AT), Smartrends, s.r.o. - Trnava (SK), ITTI Sp. zoo - Poznan (PL), British Association of Public Safety Communication Officers BAPCO LBG - Lincoln (UK), CEA Paris (F), Hitachi Europe SAS - Paris (F),	Seamless communication for crisis management,	Crisis, Security, Concepts,

Acronym	Funding	Website	Call / Type	Title / Description	Dates	Coordinator	Partners	Keywords	Themes
SECTOR	REA (607821)	not yet available	Call 2013.5.1-1 CP 2013 Preparedness	SECURE EUROPEAN COMMON INFORMATION SPACE FOR THE INTEROPERABILITY OF FIRST RESPONDERS AND POLICE AUTHORITIES; EU funds 3,156,202: It aims at establishing foundations of future Common CCM (Collaborative Crisis Management) Information Spaces by expanding EU scientific knowledge base on cross-border multi-agency CCM processes, complications these imply when aiming at setting-up & design cross-border supporting information Systems.	Sept. 2014 / Avr. 2017	E-Geos SPA (IT) - Rome	ASELSAN Elektronik Sanayi ve Ticaret - Istanbul (TR), Univers. Politecnica Valencia (ES), FOI - Stockholm (SE), ITTI - Poznan (PL), CINI Consorzio Interuniversitario Nazionale Informatica - Rome (IT), Saadian Technologies Ltd- Dublin (IE), SESM Soluzioni Evolute Sistemistica Modelli - Rome (IT), Univers. Stuttgart (DE), Thales - Paris (F), PSNI Police Service of Northern Ireland - Belfast (UK), Wyższa Szkoła Policji w Szczytnie - Szczytno (PL), HSE Health Service Executive - Naas (IE), Szkola Glowna Sluzby Pozarniczej - Warszawa (PL), Stichting Studio Veiligheid - Den Haag (NL), Eberhard Karls Universität Tübingen - Tübingen (DE),	Information Management, Analysis & identification of security systems, data set used by first responders & police authorities	Crisis, Security, Concepts,
SECTRONIC	REA (218245)	http://www.sectronic.eu/	Call 2007-2.3-04 CP Protection	Security system for maritime infrastructure, ports and coastal zones; EU funds 4,496,106: It addresses observation, protection of critical maritime infrastructures: Passenger & goods transport, Energy supply, Port infrastructures. It combined various observation systems (radar, sonar, satellites) to develop an early warning system EWS, installed on ship's bridge or in port control rooms. EWS tracks, characterises objects of significance in a 360 degree radius around. System also facilitates responses to threats.It analysed performance gaps in existing monitoring facilities, based on userdefined scenarios, & recommended new sensors & algorithms.	Fev. 2008 / Jan. 2012	Univers. Queen Mary Marine & Remote Sensing Solutions Ltd (UK) - London	Uniresearch BV - Delft (NL), Det Norske Veritas AS - Hovik (NO), Norwegian Defence Research Establishment - Kjeller (NO), Univers. of Technology Chalmers - Goeteborg (SE), Advanced Computer Systems Spa - Rome (IT), Carnival Corporation - London (UK), BW Offshore AS - Oslo (NO), BW Gas ASA - Oslo (NO), Havenbedrijf Rotterdam NV - Rotterdam (NL), Autorità Portuale della Spezia - La Spezia (IT),	Surveillance, protection of critical maritime infrastruct,	Security, Boarder, Transport
SECUREAU	ENTR (217976)	www.secureau.eu	Call 2007-1.3-05 CP Detection	Security and decontamination of drinking water distribution systems following a deliberate contamination; EU fund 5,266,871: Mitigate the threat of public water contamination. Develop sensors, specific contingency plans to identify, address contamination of water in urban & rural water distribution networks. It carried out experiments on wall deposits & biofilms to determine kinetic parameters for absorption, desorption of contaminants, methods for decontaminating water & cleaning pipes. It also used software to model contamination of drinking water networks & identify contamination sources.	Fev. 2009 / Jan 2013	Univ Lorraine (F) - Nancy	CEA - Paris (F), CNRS - Paris (F), Univers. Riga (LV), Univers. Southhampton (UK), TJHL - Helsinki (FI), IWW - Mulheim an der Ruhr (DE), Veolia - Paris (F), Univers.Porto (PT), Sateilyturvakeskus - Helsinki (FI), Kelda - Bradford (UK), Monitoring Systems Ltd - Waterlooville (UK), INRA - Antonny near Paris (F), Affinity water - Hatfield (UK)	Security & decontamination of drinking water distribution systems,	CBRN,
SECURECHAINS	REA (242417)	www.securechains.eu	Call 2009-7.0-02 CSA Preparedness	Integration of security technology supply chains and identification of weaknesses and untapped potentia; EU funds 820,032: Mission is to contribute to more competitive Security Technology Supply Chains (STSC). 6 main objectives :» identify supply chains, stakeholders; » detect untapped potential integrated in EU STSC ; » engage innovative low tier suppliers in STSC; » contribute to building of R&D competences in STSC; » develop awareness building activities in R&D Security; » promote, facilitate communication platform/website;	May. 2010 / Avr. 2012	Serviços Consultadoria em Inovação Tecnológica INOVAMAIS (PT) Porto	FhG FKIE - Wachtberg near Bonn (DE), Deutsche Post World Net Market Research and Innovation GmbH (DHL Innovation Center) - Troisdorf (DE), Innova Spa - Rome (IT), Sollerta Ltd - Weimouth (UK), Tecnalia - San Sebastian (ES), Mr. Juergen K. von der Lippe and Dr. Jean Cornier - Hannover (DE), Univers. din Craiova - Craiova (RO), Alma Consulting Group Sas - Paris (F), Teseo Sprl TEchnical Support for European Organisations - Brussels (BE), Southeastern Europe Telecommunications & Informatics Research Institute INA -Thessaloniki (GR),	CSA Studies,	Security, Concepts
SECUR-ED	ENTR (261605)	www.secur-ed.eu	Call 2010-1 IP Demo Response	Secured Urban Transportation - European Demonstration; EU fund 25,468,072: Integrate consistent, interoperable mix of technologies & processes, covering all aspects. Rationale is to create a global EU improvement in mass transportation security through development of packaged modular solutions validated in 4 demonstrations. It aimed to be used on transport systems in EU medium & large sized cities. It defines consistent & interoperable mix of technologies & processes; »toolkit of operational procedures aimed at identifying, managing risks, planning operations,ensuring fast restoration of activities; »series of improved technical security solutions: Video analytics, Protection, hardening, CIs resilience, CBRN-E sensor systems;»Standardized information management & comm. systems controlling exchange of information between transport actors/users ;»Intelligent incident prevention, EWS using multiple-source correlation.	Apr. 2011 / Sept 2014	Thales (F) - Paris	Alstom Transport - Paris (F), Ansaldo STS - Genova (IT), Azienda Trasporti Milanesi - Milano (IT), Bombardier Transportation Gmbh - Berlin (DE), CEA - Paris (F), Consorcio Regional de Transportes de Madrid 'ES), Deutsche Bahn AG - Berlin (DE), EOS - Brussels (BE), Edisoft - Lisboa (PT), FOI - Stockholm (SE), FhG IAO - Stuttgart (DE), Hamburg Consult HCO - Hamburg (DE), Ingenieria y Consultoria para el Control Automatico ICC - Madid (ES), INOV Istituto de Novas Tecnologias - Lisboa (PT), JRC - Brussels (BE), RTB Regia Autonoma de Tranport Bucuresti - Bucarest (RO), EMEF Empresa de Manutenção de Equipamento Ferroviário SA - Lisboa (PT), MTRS3 Solutions and Services Ltd - Tel Aviv (Israel), NICE Systems Ltd - Haifa (Israel), Univers. Paderborn (DE), RATP - Paris (F), Morpho - Paris (F), EMT Empresa Municipal de Transportes de Madrid (ES), Minist. Intérieur - Paris (F), SNCF - Paris (F), Ferrovie Nord Milano FNM Spa - Milano (IT), Univers. Stavanger (NO), SSF Société des Transports Intercommunaux de Bruxelles STIB - Brussels (BE), TNO - Delft (NL), TU Dresden (DE), Union Internationale des Transports Publics UITP - Brussels (BE), Union des Industries Ferroviaires Européennes UNIFE - Brussels (BE), VTT - Espoo (FI), Univers. Julius-Maximilians - Wuerzburg (DE), Ingenieria y	Secured Urban Transportation, nteroperable mix of technologies & processes,	CBRN-E
SECURENV	ENTR (218152)	www.securenv.eu	Call 2007-6.3-01 CSA Preparedness	Assessment of environmental accidents from a security perspective; EU fund 850,596: Increase knowledge base needed to ensure security of natural environment: analyse major industrial & environmental accidents for better understanding of future risks in natural phenomena (fires, floods), industrial accidents (chemical, biological ..). Goal was to catalogue, prioritise potential threats in this area. models were used to develop systematic security foresight approach. Result methodology is a combination of assessment methods including input, expertise from survey addressing more than 600 experts in EU & beyond, as well as scenario-building workshops involving 15-20 consortia experts.	May 2009 / Apr 2011	Geonardo Environmental Tech. (HU) - Budapest	FOI - Stockholm(SE), Adelphi Ggmbh (DE)	knowledge base, research agenda for future threats associated with possible deliberate attacks on environment,	Security, Concepts

SECUREPART	REA (608039)	http://www.securepart.eu/	Call 2013.7.3.1 CSA Preparedness	Increasing the engagement of civil society in security research; EU funds 889,888: Strategic objectives: 1 Understanding status quo about CSOs participation; 2 Helping CSOs to cope with increasing complexity of security research; 3 Supporting internal structure of CSOs, promoting collaboration links among them & stakeholders; 4 Defining strategy, produce action plan with action steps how to increase CSO participation in both shaping implementation of security.. Measurable results: • Comprehensive inventory of CSO forms of involvement in FP7; • Interviews to 25 experts in CSO involvement & societal dimension of EU research; • Combined use of analytical techniques: concatenation, statistics, SWOT; • Comparative analysis of CSO involvement in other 3 non-security related research fields; • Exhaustive analysis of internal CSO capacities, collaboration links among CSOs & dialogue between CSO & stakeholders; • Recommendations based on 6 case studies existing experience at EU, internat. level; • 10 CSO-oriented events.	May 2014 / Apr 2016	Bantec consultores iniciativas emprendedoras (ES) - San Sebastián	Dr. Lange GmbH & Co KG (K. von der Lippe, Cornier) - Hannover (DE), European Network of National Civil Society Associations ENNA - Brussels (BE), Nexus institut fur kooperations management und interdisziplinare forschung gmbh - Berlin (DE), Univers. Johann Wolfgang Goethe - Frankfurt am Main (DE), Univers. of Salford (UK), Globaz - Oliveira de Azeméis (PT),	Increasing engagement of civil society in security research,	Security, Concepts
SEGRID	ENTR (607109)	not yet available	Call 2013.2.2-3 CP Protection	Security for smart Electricity GRIDs; EU fund 3,403,457: Enhance protection of smart grids against cyber-attacks. Development of novel security measures for smart grids : • Identifying threats & potential future cyber-attack pathways; • Determining gap between currently available security standards, methods & measures for smart grids in order to derive which additional security methods, measures required; • Developing necessary new security methods, measures for privacy, communication & system security in smart grids, to mitigate threats; • Building up realistic test environment to verify new security methods, measures; • Evaluating, improving current risk management methodos; • Feeding results into EU global standardisation bodies, industry groups, smart grid suppliers.	Not launched	TNO (NL) - Delft	ABB AS - Oslo (NO), ABB SCHWEIZ AG - Baden (CH), EDP Energias de Portugal - Faro (PT), European Network for Cyber Security ENCS - Delft (NL), Univers. Lisboa (PT), Incode - Madrid (ES), Kungliga tekniska ho¨gskolan KTH) - Stockholm (SE), Liander NV - Duiven (NL), Swedish Institute of Computer Science. SICS - Lund (SE), ZIV Metering Solutions SL - Vizcaya (ES),	Protection of smart grids against cyber-attacks,	Cyber
SEREN	REA (217937)	www.seren-project.eu	Call 2007-7.0-06 CSA Preparedness	Security research ncp network - phase 1; EU funds 557,692: SEREN aims at strengthening Security research NCP network by raising knowledge level of its members, initiate coordination & ability to deliver a high service level to the community. It initiates coordination in this field by agreeing on standardised partner search templates. Training session focussed on the evaluation will be organised. Produce synthesis papers on key policies issues related to Security research.	Fev. 2008 / Sept 2009	CEA (F) - Paris	Tarptautiniu mokslo programu agentura Lithuania - Vilnius (LT), Achimedes Foundation - Tallinn (EE), Foundation For Research & Technology - Heraklion (GR), National Office for Research and Technology - Budapest (HU), Instytut Podstawowych Problemów Techniki Polskiej - Warsawa (PL), Matimop - Tel Aviv (Israel), Agenzia Promozione della Ricerca Europea - Rome (IT), Romanian Space Agency - Bucarest (RO), Norges forskningsråd - Oslo (NO), Scientific and Technological Research Council of Turkey - Ankara (TR), Service d'information scientifique technique SPP - Brussels (BE), Österreichische Forschungs förderungs gesellschaft mbH - Wien (AT), Agência de Inovação, Inovação Empresarial e Transferência de Tecnologia - Santa Maria da Feira (PT), Centro para el Desarrollo Tecnologico Industrial - Madrid (ES), SenterNovem - Den Haag (NL), Technologické centrum - Praha (CZ), Research Promotion Foundation - Nicosia (CY), FOI - Stockholm (SE), Euresearch - Bern (CH), Council for Scientific and Industrial Research - Pretoria (South Africa), Riga Technical University - Riga (LV), Centre for National Security Defense Research - Sofia (BG), Malta Council for Science and Technology - Kalkara (MT), Home Office - London (UK), Luxinnovation GIE - Luxembourg (LU), Danish Agency for Science Technology - Copenhagen (DK), Agentura na podporu	Strengthening Security research NCP network by raising knowledge level	Security, Concepts
SEREN 2	REA (261814)	www.rosa.ro	Call 2010.7.0-6 CSA Preparedness	SEcurity REsearch Ncp network – phase 2; EU funds 1,499,546: Continue promoting & enhancing trans-national cooperation among Security National Contact Points NCP by reaching balanced distribution of proficient services to be delivered by Security NCPs to their clients while assisting them to write high quality proposals to be submitted in the future calls. Results from SEREN2 will help decision making related to: » Underpinning realization of NCP value chains in security topic for simplifying access to FP7 calls, for lowering entry barriers for newcomers & raising average quality of submitted proposals; » Improve, increase the effectiveness of third country organizations' participation alongside EU organizations; » Strengthen competitiveness of EU R&D in Security theme.	May 2011 / Apr 2013	Romanian Space Agency ROSA (RO) - Bucarest	Foundation For Research & Technology - Heraklion (GR), Agenzia Promozione della Ricerca Europea - Rome (IT), Österreichische Forschungs förderungs gesellschaft mbH - Wien (AT), Euresearch Head Office - Bern (CH), CEA - Paris (F), Service d'information scientifique technique SPP - Brussels (BE), Scientific and Technological Research Council of Turkey - Ankara (TR), Malta Council for Science and Technology - Kalkara (MT), Centre for National Security Defense Research - Sofia (BG), Norges forskningsråd Research Council of Norway - Oslo (NO), Matimop Iserd - Tel Aviv (Israel), Instytut Podstawowych Problemów Techniki Polskiej Ippt Pan - Warsawa (PL), Riga Technical University - Riga (LV), FOI - Stockholm (SE), Research Promotion Foundation - Nicosia (CY), Euresearch - Bern (CH), Council for Scientific and Industrial Research - Pretoria (South Africa), Fundacao para Ciencia e Tecnologia FCT - Lisboa (PT), Finnish Funding Agency for Technology and Innovation TEKES - Helsinki (FI), Centro para el Desarrollo Tecnologico Industrial - Madrid (ES), National Institute of Aerospace Technology of Spain INTA - Madrid (ES), Technologické centrum - Praha (CZ), Agentura na podporu vyskumu - Bratislava (SK), Univers. of Žilina FSE - Žilina (SK), Tarptautiniu mokslo programu agentura Lithuania -	Strengthening Security research NCP network by raising knowledge level	Security, Concepts
SERON	REA (225354)	www.seron-project.eu/	Call ICT-SEC-2007-1.0-01 CP Preparedness	Security of road transport networks; EU funds 2,246,110: SeRoN undertakes holistic approach at both infrastructure object & road network level. Its investigates impacts of possible man-made attacks on transport network, in particular resulting regional, supra-regional impacts on transport links their economic impacts. It focuses on development, validation of innovative methodology, designed to provide common framework for analysis of critical road infrastructure objects or road transport networks with regard to their importance within EU transport network with regard to possible attacks. This methodology is based on interdisciplinary interaction of expertise, innovative simulation methods.	Nov. 2009 / Oct 2012	Planung Transport Verkehr AG PTV (DE) Karlsruhe	Bundesanstalt für Straßenwesen BASt - Bergisch Gladbach (DE), Parsons Brinckerhoff - Newcastle (UK), Technische Universität Graz (AT), Traficon nv - Wevelgem (BE), Ernst Basler und Partner - Zollikon (CH), Niras Rådgivende Ingeniører og Planlæggere - Alleroed (DK),	Impacts of possible man-made attacks on transport network,	Security, Boarder, Transport

Project	Agency (ID)	URL	Call / Type / Phase	Description	Dates	Coordinator	Partners	Theme	Tags
SERSCIS	CNECT (225336)	http://www.serscis.eu/	Call ICT-SEC-2007.1.7 CP Preparedness	Semantically enhanced resilient and secure critical infrastructure services, EUR 2 000 000; Develop adaptive service-oriented technologies for creating, monitoring, managing secure, resilient & highly available information systems underpinning critical infrastructures CIs, so they can survive faults, mis-management, cyber-attack, & automatically adapt to dynamically changing requirements arising from direct impact on CI from natural events, accidents, malicious attacks.	Oct. 2008 / Sept. 2011	Southampton Univers. (UK)	Joanneum Research Forschungsgesellschaft mbh - Graz (AT), Port of Gijón (ES), Qinetiq Ltd - London (UK), Kemea - Athens (GR), Austro Control - Wien (AT),	Critical infrastructure protection,	Security, Concepts, CIs,
SESAME	REA (261696)	https://www.sesame-project.eu/	Call 2010.2.3-2 CP Protection	Securing the European electricity Supply Against Malicious and accidental thrEats; EU funds 2,753,790: Developing Decision Support System for protection of EU power transmission, distribution, generation system. Results: » Risk Assessment System; » Knowledge base of impacts of blackout on society; » Software tool for estimation of damage costs caused by power interruption; » Assessment of security of electricity supply indicators; » Comparative view on different EU regulatory regimes; » Development of regulatory policy framework.	May. 2011 / May. 2014	Politecnico di Torino (IT) - Turin	Energy Institute at the J. Kepler University Linz EI-JKU - Linz (AT), Indra Sistemas SA - Madrid (ES), Heriot Watt University - Edinburgh (UK), e-Control - Wien (AT), Deloitte - Madrid (ES), TU Delft (NL), Transelectrica - Bucarest (RO), Univers. Durham (UK),	Energy Transport,	Security, Concepts
SGL FOR USAR	REA (217967)	www.sgl-eu.org	Call 2007-4.2-02 CP Response	Second generation locator for urban search and rescue operations; EU funds 4,859,026: SGL for USaR is mission oriented towards solving critical problems following large scale structural collapses in urban locations. This project will combine chemical & physical sensors integration with development of an open ICT platform for addressing mobility & time-critical requirements of USaR Operations. It focus on medical issues, on relevant ethical dilemmas. it developed two tangible product prototypes: FIRST is a portable rescue device to monitor hazardous conditions or locate entrapped victims/dead bodies within collapsed buildings; REDS, is a network of remotely controlled sensors, installed in a collapsed building for unattended monitoring & to detect life signs or hazardous conditions.	Oct. 2008 / Oct. 2012	National Technical University of Athens (GR) - Athens	Service Départemental d'Incendie Vaucluse - Avignon (F), Direccio General De Prevencio - Extincio D'incendis - Barcelona (ES), Faenzy Srl - Grossetto (IT), VTT - Espoo (FI), GAS Gesellschaft Analytischen Wissenschaften - Dortmund (DE), Ecomed bvba - Brussels (BE), Environics Oy - Mikkeli (FI), Austrian Academy of Sciences - Wien (AT), Entente de l'Environnement contre l'Incendie - Gardanne (F), ANCO SA Agencies Commerce Industry - Athens (GR), Univers. of Dortmund (DE), TEMAI Ingenieros - Madrid (ES), Univers. Politecnica de Madrid (ES), Savox Communications Ltd - Espoo (FI), Univers. of Athens (GR), Markes International ltd - Mid Glamorgan (UK), Bay Zoltan Foundation for Applied Research - Budapest (HU), Critical Links SA - Coimbra (PT), Univers. of Loughborough (UK),	Integrated specialist search and rescue system	Crisis, CIs,
S-HELP	REA (607865)	http://www.accelopment.com/en/projects/s-help	Call 2013-1 ICT CP Prevention	Securing Health.Emergency.Learning.Planning; EU funds 3,496,836: Volatile events such as disasters bring prospect of rapid contagion & threat of disastrous impacts for EU. Response capabilities of Health Services will directly impact society's ability to 'bounce back' to become more resilient. S-HELP will enhance protection of public health, common grounds for interoperability by significantly ad-vancing existing knowledge base required for develop next generation Decision Support (DS) tools & user-centred. It will offer evidence-based solutions to improve Health Services performance, develop-ing holistic framework to guide stakeholder needs analysis, integrating advanced DS tool-set. It will execute multi-scenario based end user training, alongside 'what-if' analysis. It will simulate 3 multi-factorial, multi-agency scenarios (Chemical explosion; mass flooding; regional bio-hazard), model, projected evolution of 3 emergencies to communicate coordinated, collaborative problem solving across agencies.	Fev. 2014 / Jan. 2017	University College Cork - (IE)	Accelopment AG - Zurich (CH), Magen David Adom - Tel Aviv (Israel), Future Analytics Consulting Ltd - Dublin (IE), Health Service Executive HSE - Kildare (IE), Lunds Universitet - Lund (SE), Public Health Agency Northern Ireland - Belfast (UK), Technische Univers. Graz (AT), Univers. Wien (AT), VectorCommand Ltd - Havant (UK),	Response capabilities of Health Services	Crisis,
SIAM	REA (261826)	www.siam-project.eu	Call 2010.6.3-3 CP Preparedness	Security Impact Assessment Measures, EU funds 2,168,640: SIAM decision support system will ease complexity associated with assessment of security measures & technologies. Objective is to produce SIAM database & guidelines that allow quick access to information on effectiveness, cost-benefit ratio, societal, ethical & legal aspects of security technologies. SIAM reduces complexity by providing number of guidelines, database for easy decision making.	Fev. 2011 / Fev. 2014	Technische Universität Berlin (DE) - Berlin	Univers. of Kassel (DE), Univers. of Newcastle (UK), Kingston University London (UK), Higher Institute on Territorial System for Innovation - Torino (IT), Tel Aviv University (Israel), Vrije Universiteit Brussels (BE),	Scenarios, decision support system,	Crisis,
SICMA	REA (217855)	www.sicmaproject.eu	Call 2007-4.3-02 CP Response	Simulation of crisis management activities; EU funds 2,566,330: Aimed at improving decision-making capabilities through integrated suite of modelling, analysis tools providing insights into collective behaviour of whole organisation in response to crisis scenarios. Decision Support provided: - preparation, assisting identification - implementation, providing forecast of scenario evolution, proposing doctrine-based solutions, evaluating effects of alternative decisions- debriefing.	Mar. 2008 / Aug. 2010	SELEX (IT) - Florence	Skytek Ltd - Dublin (IE), Centre for European Security Strategies Gmbh - München (DE), Ifad TS A/S - Odense (DK), Elbit Systems - Haifa (Israel), ITTI Ltd - Poznan (PL), IABG Industrieanlagen Betriebsgesellschaft mbh - Ottobrunn (DE), CNR Italian National Research Council - Napoli (IT), Univers. Cattolica del Sacro Cuore - Milano (IT),	Intelligent decision support	C, E,

Project	Programme (ID)	URL	Call / Type	Description	Dates	Coordinator	Partners	Keywords	Category
SIIP	REA (607784)	http://www.idiap.ch/scientific-research/projects/speaker-identification-integrated-project	Call 2013.5.1-2 IP Protection	Speaker-Identification Integrated Project; EU funds 10,230,247: Break-through Suspect Identification solution based on novel Speaker-Identification (SID) engine fusing multiple speech analytic algorithms (e.g. voiceprints recognition, Gender/Age/Language/Accent ID, Keyword/ Taxonomy spotting, Voice cloning detection). This Fused Speaker Identification will result in significantly higher true-positive speaker identification, reduced False-Positives/Negatives while increasing reliability & confidence. SIIP analyzes rich metadata from voice samples, social media. It provides judicial admissible evidence for identifying crime/terror suspects for mapping/tracing the suspect terror/crime network. SIIP's results can be shared with SIIP Info Sharing Centerlocated at INTERPOL. It guarantees increased reliability of identification results through voice samples checked against large centralized database of samples collected by INTERPOLs 190 members. SIIP multiplies, increases information sharing, cooperation in LEA community. SIIP runs on all speech sources (e.g. Internet, PSTN, Cellular and SATCOM) & uses latest OSINT data mining applications to obtain & corroborate voice samples.	May. 2014 / Avr. 2018	VERINT Systems Ltd (Il, Israel) - Herzliya Pituach near Tel Aviv	EADS Cassidian - Paris (F), Idiap Research Institute - Martigny (CH), Green Fusion Ltd - Dublin (IE), INESC Inov - Porto (PT), International Biometric Group Ltd - London (UK), Laboratorio di Scienze della Cittadinanza - Rome (IT), Loquendo Spa - Milano (IT), Ministério da Justiça - Lisboa (PT), OK2GO Cellular Solutions - Tel Aviv (Israel), PSNI Police Service of Northern Ireland - Belfast (UK), Rijksuniversiteit - Groningen (NL), Sail Labs Technology AG - Wien (AT), Centre For Research And Technology - Thessaloniki (GR), Synthema srl - Pisa (IT), Interpol - Lyon (F), Univers. of Warwick (UK),	Information Management, metadata from voice samples,	Security, Concepts, Ethics, Legal,
SLAM	ENTR (285410)	http://www.cbrnecenter.eu/project/slam/	Call 2011.5.4-1 CSA Detection	Standardisation of laboratory analytical methods; EU fund 1,117,608: Enhancing competence in MS in development of common methods, procedures, protocols for detection, analysis identification of CBRN substances allowing for significant comparison of results from different laboratories & operators within EU. A road-map suggesting methods of choice, processes, means to implement necessary standards to CBRN analysis will be presented & reported. Functional standardisation of CBRN analysis at necessary level of stringency will become important component of a EU more resilient to CBRN incidents.	Avr. 2012 / Mar. 2014	UMEA Univers. (SE) - Umea	TNO - Delft (NL), Robert Koch Inst. - Berlin (DE), FOI - Stockholm (SE), Health Protection Agency HPA - London (UK), CEA - Paris (F), Forsvarets forskningsinstitutt FFI - Kjeller (NO),	Standardisation of CBRN detection and identification,	CBRN,
SLANDAIL	REA (607691)	http://slandail.eu/	Call 2013.6.1-1 CP Prevention	Security System for language and image analysis; EU funds 2,942,445: Project Slándáil will demonstrate cost-effective, ethically-correct way in which social media information can be used by emergency management system. Social media landscape consists of range of digitized documents in variety of formats, updated by diverse, geographically distributed people & organisations. During emergency, authorities use websites & population, empowered by social media systems, can broadcast for help, inform. Information obtained may contain personal details & details may or not be correct, there are no protocols for such data. Human beings integrate information in different modality seamlessly to infer meaning to make decisions. There are no systems that (a) could aggregate information in different modalities, (b) deal with multi-lingual communications during an emergency.	Avr. 2014 / Mar. 2017	Queen Elizabeth University (IE) - Belfast	Institut für Angewandte Informatik EV - Leipzig (DE), Univers. Of Ulster - Coleraine (UK), Univers. Degli Studi di Padova (IT), CID Gmbh - Freigericht, near Frankfurt (DE), Univers. of Leipzig INFAI (DE), CIES Centre for Irish and European Security - Dublin (IE), PSNI - Belfast (UK), DataPiano Srl - San dona di Piave (IT), Bundesministerium der Verteidigung - Bonn (DE), Pintail Ltd - Dublin (IE), An Garda Síochána - Dublin (IE),	Citizen Media, impact of social media in emergencies,	Crisis, Ethics,
SMART	REA (261727)	http://www.smartsurveillance.eu/	Call 2010.6.5-2 CP Ethics	Scalable Measures for Automated Recognition Technologies; EU funds 3,456,017: Automated recognition of individuals &/or pre-determined traits or risk factors/criteria lies at basis of smart surveillance systems. EU regulations prohibit automated decision-taking regarding individuals unless "authorised by law which also lays down measures to safeguard the data subject's legitimate interests" (Art 7, CFD 2008 /977 /JHA). Expected results: » Complete survey of smart surveillance techniques; » Further understanding of current citizen attitudes toward privacy ; » Best practices in relation to processing citizen information, respecting privacy; » Toolkit for policy makers.	Jun. 2011 / May. 2014	University of Malta UoM (MT) Msida	Univers. of Central Lancashire CLICT - Preston (UK), Univers. of Ljubljana (SI), Laboratorio di Scienze della Cittadinanza - Rome (IT), Babeş-Bolyai University of Cluj-Napoca (RO), Univers. Oslo (NO), Univers. de Leon (ES), Law and Internet Foundation - Sofia (BG), Univers. Masarykova univerzita - Brno (CZ), Univers. Edith Cowan - Joondalup (Australia), Univers. Georg-August - Goettingen (DE), Univers. Sheffield (UK), Univers. Gottfried Wilhelm Leibniz - Hannover (DE), CNR National Research Council - Rome (IT), Univers. Komenskeho v Bratislave - bratislava (SK), Rijksuniversiteit - Groningen (NL), Univers. of Vienna (AT), Morpho - Paris (F), Interpol - Lyon (F), Metropolitan Police Service - London (UK),	Ethics Justice, Use of smart surveillance systems, data protection, integrity ,	Security, Concepts, Ethics, Legal,
SMARTPREVENT	REA (606952)	http://www.smartprevent.eu/	Call 2013.7.2-1 CP Protection	Smart Video-Surveillance System to Detect and Prevent Local Crimes in Urban Areas; EU funds 1,499,996: Proposes to address: • Studying characteristics of frequent criminal activities in real urban scenarios including typical variations & unanticipated criminal situations. • Developing low-cost adaptative video-surveillance system in order to detect & prevent criminal activities. • Building video-surveillance system as punitive tool in order to store most relevant evidences of detected criminal activities	Mar. 2014 / Fev. 2016	Treelogic Telemática y Lógica Racional para la Empresa Europea S.L. (ES) - Llanera near Gijon	Univers. Queen Mary and Westfield College - London (UK), Vision Semantics Ltd - London (UK), Emza Visual Sense Ltd - Kafar Saba - (Israel), Ayuntamiento de Madrid (ES), Ankara Strateji Enstitusu Dernegi - Ankara (TR),	Video-surveillance systems in urban scenarios, Solutions for frequent petty crimes,	Security, Concepts, Cls,
SMARTPRO	REA (607295)	http://ipo.leitat.org/smartpro/	Call 2013.1.4-1 CP Protection	Lightweight, flexible and smart protective clothing for law enforcement personnel; EU funds 2,781,067: Development of lightweight, smart protective clothing, incorporating smart functionalities, designated for law enforcement authorities. Develop optimized ballistic textiles (woven, spacer knitted fabrics) , apply innovative surface treatments (e.g. shear thickening fluids, ceramic coatings) to improve their performance. Main parameters include physiological comfort, ergonomic design. Smart functions, including positioning systems, will be integrated to further increase efficiency body armour, to reduced casualties.	Avr. 2014 / Sept. 2017	Anonymi Etaireia Viomichanikis Erevnas (GR) Volos	Leitat Technological Center - Terrassa (ES), Next Technology Tecnotessile Società Nazionale di Ricerca - Prato (IT), Foundation for Research and Technology - Heraklion (GR), Costas Siamidis AE - Viotia Tanagra (GR), RWTH - Aachen (DE), BCB International Ltd - Cardiff (UK), Soliani Emc Srl - Como (IT), E. Cima SA - Barcelona (ES), Departament d'Interior Generalitat de Catalunya - Barcelona (ES),	Ordinary Crime Forensic, Lightweight, flexible smart protective clothing for law enforcement personnel,	E, Crime,

Project	Ref	Website	Call	Dates	Coordinator	Partners	Description	Topic	Tags
SNIFFER	ENTR (285203)	http://www.sniffer-project.eu/	Call 2011.3.4-2 CP Detection	Fev. 2012 / Jan. 2015	CEA-LIST (F), Paris	Univers. Manchester (UK), Minist. de l'Intérieur - Paris (F), Armines - Evry near Paris (F), EADS - Ottobruhn (DE), EPFL - Lausanne (CH), Centre for Science Society and Citizenship CSSC - Rome (IT), Univers. Padua (IT), ESIEE Chambre de Commerce et d'Industrie - Paris (F), GTP - Labège (F), TraceTech Security TTS - Tel Aviv (Israel), 3D General Aviation Applications SA 3DSA - Thessanoliki (GR), Israel National Police - Ramle (Israel), ARTTIC - Paris (F),	A bio-mimicry enabled artificial sniffer; EU fund 3,493,821: SNIFFER project proposes a highly innovative one-stop shop approach to complement sniffer dogs & leverage their capabilities. Approach is based on state-of-theart technologies centred on new generation of olfactory biosensors. It covers variety of border security situations in which dogs are used today. Capabilities will allow security forces to operate 24/7, while saving use of real dogs for cases in which they can potentially make difference. Border security, especially at airports, will be significantly enhanced as regards illegal trafficking of all kinds (drugs, tobacco, illegal immigration…) as well as terrorist acts (thanks to explosive detection).	Artificial sniffer	B, E,
SNIFFER 2	REA (312411)	not yet available	Call 2012.1 CP Detection	May. 2013 / Avr. 2016	Tekever ASDS (PT),	Ministério da Defesa Nacional - Lisboa (PT), Univers. Umea UMU (SE), INESC - Porto (PT), Univers. de Burgos (ES), Osterreichische Agentur für Gesundheit und Ernahrungssicherheit - Wien (AT), Centre Suisse d'electronique et de microtechnique CSEM - Neuchatel (CH), FFI Forvarets Forskninginstitutt - Kjeller (NO),	Securing the food chains from primary production and animal feeds to consumer-ready food against major deliberate, accidental or natural CBRN contamination; EU funds 2,720,029: Envisions design, development of network of distributed detection devices, capable of rapid, on-site detection of multiple agent kinds, CBR agents with high sensitivity & specificity throughout most vulnerable stages of food supply chain (farms, collection centers, wholesalers…). Capability to network different devices with different functionalities (capable of detecting different agents) throughout entire food supply chain will reduce detection time (between contaminating specific food, detecting contaminated food somewhere along chain) of contaminant agents, introduced deliberately, accidentally or through natural sources.	Securing food chains from CBRN agents,	CBRN
SNIFFLES	REA (285045)	www.twi.co.uk	Call 2011.3.4-2 IP Detection	Jan. 2012 / Avr. 2015	TWI Ltd (UK) - Abingdon near Cambridge	Univers. of Liverpool (UK), Univers. Aix-Marseille Provence (F), DSM R&D Solutions BV - Sittard (NL), Q Technologies Ltd - Liverpool (UK), SAES Getters Spa - Lainate (IT), Envisiontec Gmbh - Gladbeck (DE), Xaarjet AB - Jarfalla (SE), Wagtail UK Ltd - Holywell (UK),	Artificial sniffer using linear ion trap technology; EU funds 3,493,625: Develop Linear Ion Trap Mass Spectroscopy (LIT MS) based device with mass range larger than other MS techniques. Miniaturisation, modularisation will reduce vacuum demand. Objectives are to detect weapons, drugs, hidden persons at border crossings; identifying in parallel elemental, molecular or biological composition all at high speed of detection. System will have stand-off capability complementary that of sniffer dogs. Device includes high speed detection, continuous monitoring of air & surfaces to prevent transport of illegal substances at crossing points on land, at airports, seaports. Portable system integrating vacuum system using new materials.	Boarder check ,	B, C, E,
SNOOPY	ENTR (313110)	http://www.cnr.it/commesse/ModuloPrev.html?id_mod=7982	Call 2012.3.4-4 CP Detection	Janv. 2014 / Dec. 2016	Univers. Degli Studi di Brescia (IT), Brescia near Milan	Consiglio Nazionale delle Ricerche - Rome (IT), C-Tech Innovation Ltd - Chester (UK), EADS Gmbh - Ottobruhn (DE), Univers. Degli Studi di Roma Tor Vergata - Rome (IT), Center for Security Studies KEMEA - Athens (GR),	Sniffer for concealed people discovery; EU fund 1,835,891: Integration of handheld artificial sniffer system for customs/police inspection purposes (control of freight containers). Able to seek hidden persons, controlled goods, illicit drugs, safety & security hazards. Target gases cover human perspirations like carbonic acids, aldehydes, thiolic compounds, nitrogen compounds, human breathing product CO_2 with different kinds of sensors. Providing estimation of probability of presence of humans inside inspected area pattern recognition. Sniffer instrument will be benchmarked towards dogs, towards ion mobility spectrometry.	Artificial sniffer system for customs/police inspection purposes (control of freight containers).	Crime, Security, Concepts
SNOWBALL	REA (606742)	http://www.ismb.it/en/node/2034	Call 2013.4.1-2 CP Response	Mar. 2014 / Fev. 2017	Sté Générale de Distribution et de Communicaton GE DI COM (F) - le Plessis near Paris	FhG EMI - Freiburg (DE), Istituto Superiore Mario Boella - Torino (IT), Univers. Degli Studi di Napoli (IT), Ernst-Moritz-Arndt-Univers. Greifswald - Greifswald (DE), UCL - Brussels (BE), INEO - Paris (F), Szkola Glowna Sluzby Pozarniczej - Warszawa (PL), Pelastusopisto emergency services college - Kuopio (FI), EvroProject Ood - Sofia (BG), Magyar Vöröskereszt - Budapest (HU),	Lower the impact of aggravating factors in crisis situations thanks to adaptative foresight & decision-support tools; EU funds 3.971.177: SnowBall consists in a deep analysis of cascading effects, development of methods to anticipate them; in Decision Support System able to display current crisis monitoring & results of simulated decisions integrating cascading effects, data collection system, Events Log Database, Simulators, Dashboard. It innovates in its modular approach to crises, its modelling techniques, its agent-supported coupled grid simulations, its generic Events Log Database & tools to follow public behaviour (Emergency Alert, social networks, mobile application).	Increase preparedness, response capacities of decision-makers, emergency planners, first responders in respect to amplifying hazards in large disasters,	CBRN,
SOTERIA	REA (606796)	not yet available	Call 2013.6.1-1 CP Prevention Media	Jun. 2014 / Jun. 2016	Tekever (PT) - Lisboa	Deveryware - Paris (F), Pôle Pilote de Sécurité Locale PPSL - Elancourt near Paris (F), Thales - Paris (F), Emergency Services College - Kuopio (FI), North Savo Rescue Department - Savo (FI), Univers. of Eastern Finland - Kuopio (FI), Police College of Finland - Tampere (FI), Itä-Suomen yliopisto UEF - Kuopio (FI), University College Dublin (IE), Bridge129 Spa - Reggio Emilia (IT), CSSC Centre for Science, Society & Citizenship - Rome (IT), Zanasi Alessandro - Modena (IT), Helse Bergen HF Haukeland University Hospital - Bergen (NO), ITTI SP - Poznan (PL), Police and Crime Commissioner for North Yorkshire - Harrogate (UK), Ernst-Moritz-Arndt-Univers. Greifswald - Greifswald (DE), Ambulance & Emergency Physicians Association - Izmir (TR),	Online and Mobile Communications for Emergencies; EU funds 3.971.177: Aims to develop recommendations & associated toolbox enabling public safety organisations (PSOs) & citizens using new mobile, online social media technologies to communicate before, during & after an emergency event, exchange critical information for PSOs' intervention, medical assistance situations. Empowered by new mobile phones with cameras, text messaging, internet-based applications, SOTERIA innovates to dynamics between PSOs & citizens in emergencies, allowing (i) understanding of impact social media entails in emergency management systems; (ii) use of all communication channels, including social media, (iii) exploitation of mobile platforms' ubiquity to locate, communicate with citizens in distress, (iv) leverage of PSOs' levels of shared awareness, performance, benefiting from citizens' social media information.	Citizen Media,	Security, Concepts

SOURCE	REA (313288)	http://www.societalsecurity.net/	Call 2012-1 NoE Preparedness	SOURCE - Virtual centre of excellence for research support and coordination on societal security; EU funds 4,997,588: SOURCE is to create robust, sustainable virtual centre of excellence capable of exploring, advancing societal issues in security R&D, based on 5 activities: 1. Network-building; 2. Research; 3. Education, training; 4.Document.; 5. Dissemination, knowledge-sharing. Through array of networking activities, meetings, scientific & popular publications, film, press, social media, scholarly journal, formation of an international association for study, improvement of societal security, SOURCE will meet goals of raising awareness among policy makers & end-users, raising competitiveness of security industry by better applying it to social layers of insecurity in society, contribute to improvement of security of EU citizens.	Jan. 2014 / Jan. 2019	PRIO Peace Research Institute Oslo (NO) - Oslo	FOI - Stockholm (SE), TNO - Delft (NL), Tecnalia - Madrid (ES), King's College London (UK), FhG INT - Euskiirchen near Bonn (DE), Sciences Po - Paris (F), European Organisation for Security EOS SCRL - Brussels (BE), Center for European and Policy Studies CEPS - Brussels (BE), Verein für Rechts und Kriminal Soziologie - Wien (AT), VUB Vrije Universiteit Brussel - Brussels (BE), Centre for IRISH And European Security Ltd CIES - Dublin (IE),	Permanent virtual centre of excellence capable to research on societal security,	Security, Concepts
SPARKS	REA (608224)	https://project-sparks.eu/	Call 2013.2.2-3 CP Protection Cyber	Smart Grid Protection Against Cyber Attacks; EU funds 3,429,551: Provide innovative solutions for secure smart grids. Make recommendations regarding future direction of smart grid security standards. Reduce attack surface of smart grid systems, detect cyber-attacks in real-time, improve resilience during an attack. Provide deeper understanding of threats, vulnerabilities, economic consequences of cyber-attacks on smart grid infrastructure, raise awareness amongst industry leaders, present convincing information to stakeholders, lead debate, draw through action to improve cyber readiness of EU network operators. Research Topics: - Analysing, Modelling, Simulating Smart Grid Cyber security, Vulnerabilities, Threats; - Developing a Reference Security Architecture for Smart Grids; - Research, Development of Security Mechanisms, Tools; - Economic Quantification; - Legal, Privacy Related Aspects, Policy Recommendations.	Avr. 2014 / Mar. 2017	AIT (AT) - Seibersdorf near Wien	EVB Energy Solutions (Diehl) - Velbert (DE), FhG AISEC - Garching near München (DE), SWW - Wunsiedel (DE), KTH Kungliga Tekniska högskolan - Stockholm (SE), Landis + Gyr Ag - Zug (CH), Univers. Queen's Belfast (UK), EMC Information Systems International - Ovens (IE), Energie Institut an der Johannes Kepler Universität Linz (AT), UTRC United, Technologies Research Center - Cork (IE),	Protection of smart energy grids against cyber attacks, Energy Transport	Security, Concepts, Cyber,
SPARTACUS	REA (313002)	http://www.spartacus-project.eu/	Call 2012.4.2-1 CP Response	Satellite Based Asset Tracking for Supporting Emergency Management in Crisis Operations, EU funds 3,175,396: SPARTACUS will design, realise, test,validate in simulated & real world scenarios GALILEO-ready tracking/positioning solutions for critical asset tracking & crisis management. It implements solutions for location awareness based on existing (GPS, EGNOS, EDAS) & incoming (GALILEO) satellite services, technologies providing precise tracking/positioning, ensuring no lacks of communication, no gaps of information in coordination actions: 1.to track, trace, localise critical transport assets; 2.to track flow of relief support goods; 3.to support, ensure safety of first responders. Innovation areas include hardware adaptations, algorithms for precision improvement, integration of receivers with inertial platforms to provide dead reckoning functionalities, communication availability in emergency by restoring local existing network over satellite backhauling. Modular, scalable platforms will be made appropriate for each application area.	Nov. 2013 / Oct. 2016	D'Appolonia Spa (IT) - Genova	Romanian Railway Authority - Bucarest (RO), TriaGnoSys Gmbh - Wessling (DE), DMAT Consulting KG - Lieboch (AT), AnsuR Technologies - Fornebu (NO), GlobalGPS BH - Sarajevo (BA, Bosnia and Herzegovina), Univers. of Pavia (IT), Univers. of Bologna (IT), Univers. Newcastle upon Tyne (UK), Institute Mihajlo Pupin - Belgrade Serbia (RS), Akkon University of Johanniter-Unfall-Hilfe eV - Berlin (DE),	Satellite Based Asset Tracking for Supporting Emergency Management in Crisis Operations,	Crisis,
S(P)EEDKITS	REA (284931)	http://www.speedkits.eu/	Call 2011.4.2-3 IP Response	Rapid deployable kits as seeds for self-recovery; EU funds 6,117,066: Provide kits that can be pre-positioned, mobilized very quickly, easily, modular, adaptable, low cost, high-tech in conception but low-tech in use. These kits can literally improve lives of millions of peoples the first hours, days, weeks after major disaster. It targets smart (re-)design of existing /novel kits via smart packaging & via introduction of latest technological developments from wide range of domains like coated textile materials, ICT, material development, tensile structures & construction.	Mar. 2012 / Fev. 2016	Centexbel - Vrije Universiteit Brussel (BE) - Brussels	Aide Internationale de la Croix-Rouge luxembourgeoise - Luxembourg (LU), Netherlands Red Cross - Amsterdam (NL), Sioen Industries NV - Ardooie (BE), VUB Vrije Universiteit - Brussels (BE), TU Eindhoven (NL), Politecnico di Milano (IT), D'Appolonia Spa - Genova (IT), De Mobiele Fabriek Bv - Amsterdam (NL), Stichting Waste - Gouda (NL), Stichting Practica - Papendrecht (NL), Internationales Biogas und Bioenergie Kompetenzzentrum - Kirchberg/Jagst (DE), Millson BV - Apeldoorn (NL), Médecins sans frontieres - Amsterdam (NL), Norwegian Refugee Council - Oslo (NO),	Rapid deployment of kits, shelters, facilities and medical care resources following a major disaster	Crisis,
SPICED	ENTR (312631)	www.spiced.eu	Call 2012.1.5-4 CP Prevention	Securing the spices and herbs commodity chains in Europe against deliberate, accidental or natural biological and chemical contamination; EU fund 3,499,942: The examination of spices & herbs supply chain, possible vulnerable points, investigation of tenacity data of biological agents, identification of chemical adulterations will lead to better more comprehensive view on this heterogeneous matrix & will improve prevention, response mechanisms in spices, herbs market. With SPICED approach it will be possible to improve food safety & food security aspects in spices and herbs food chain and to reduce high economic impact and human casualties since spices and herbs are present in almost every processed food. EU level of expertise will be significantly increased.	Jul. 2013 / Jun. 2016	Federal Institute for Risk Assessment - Berlin (DE)	Osterreichische Agentur Gesund Ernahrungssicher - Wien (AT), Partikas Drosibas Institut BIOR - Rēzekne (LV), Stichting Dienst Landbouwkundig Onderzoek DLO - Wageningen (NL), Fuchs - Essen (DE), Keki - Budapest (HU), RTD Services - Innsbruck(AT), Univers. Limerick (IE), VÚP Výskumný ústav potravinársky - Bratislava (SK), Bundesministerium der Verteidigung BMVg - Bonn (DE), Univers. Wageningen (NL),	Faultless Goods and Food Safety,	B, C,

Acronym	Coord	Website	Call / Type / Theme	Description	Dates	Coordinator	Partners	Topic	Keywords
SPIRIT	ENTR (242319)	http://www.spirit-ion.eu/	Call 2009-2.3-01 CP Protection	Safety and Protection of built Infrastructure to Resist Integral Threats; EU fund 3,497,684: Terrorist attacks by bombing or CBR-agents are threats with a low probability but with disastrous sequences. Solutions have to be derived to realize sufficient resilience of the urban infrastructure. SPIRIT tribution to built infrastructure protection will be: - methodology to quantify the vulnerability of built infra; - guidance tool to assess the vulnerability and define effective counter measures to achieve a required protection level; - Draft guidelines to enable safety based engineering and the incorporation of CBRE protection; - suite of ready to use CBRE countermeasure products. SPIRIT project is to tribute to people safety and increase the resilience of built infrastructure against a terrorist attack.	Aug. 2010 / Jul 2013	TNO (NL) - Delft	FhG EMI - Freiburg (DE), CEA - Paris (F), Schüßler-Plan Engineers Ltd - Warszawa (PL), Arup Group Ltd - London (UK), Hamilton Erskine Ltd - Ballygowan (UK), Artemis control AG - Uster (CH), Ducon Gmbh - Moerfelden-Walldorf (DE), Ionicon Analytik Gmbh - Innsbruck (AT), Corsmit Raadgevend Ingenieurs BV - Rijswijk (NL), JRC - Brussels (BE),	Terrorism, Infrastructure, Protection,	CBRNE
STAR-TRANS	REA (225594)	http://www.startrans-project.eu/	Call ICT-SEC-2007-1.0-01 CP Protection	Strategic Risk Assessment and Contingency Planning in Interconnected Transport Networks; EU funds 2,105,588: STAR-TRANS created models that can represent possible risk incidents, structure & assets of EU's heterogeneous transport systems, relationship between different assets in networks. Project developed a STAR-TRANS modelling language & impact-assessment modelling language.	Nov. 2009 / Avr. 2012	Intrasoft International SA (LU) - Luxemburg	National Centre for Scientific Research Demokritos - Athens (GR), Center for Security Studies KEMEA - Athens (GR), Confederation of Organisations in Road Transport Enforcement AISBL - Brussels (BE), QinetiQ SA - Farnborough near London (UK), FhG IVI - Dresden (DE), Centre for Research and Technology CERTH - Thessaloniki (GR), Metropolitan Police Service - London (UK), CTL Cyprus Transport Logistics Ltd - Lefkosia (CY), Squaris Ltd - Brussels (BE), Societa' reti e mobilita' spa - Bologna (IT),	Risk Assessment in Interconnected Transport Networks	Security, Boarder, Transport
STRAW	REA (218132)	www.straw-project.eu	Call 2007-7.0-01 CSA Preparedness	Security technology active watch; EU funds 998,537: Aims at providing a EU Service of Technology Watch on Security Technologies. Enhance EU civil Security by facilitating cooperation among different Security stakeholders: researchers, technology providers, end users, including Administration. Accomplished by monitoring security domain in order to detect relevant & applicable security technology developments, knowledge, experience, to deliver this information to right audience at right time. STRAW tries to bring together the Defense and Security research industry in order to foster development of new applications & creation of future opportunities of cooperation.	Oct. 2008 / May. 2010	ATOS (ES) - Madrid	Aerospace and Defence Industries Association - Brussels (BE), Thales - Paris (F), Stiftelsen Sintef - Tronheim near Oslo (NO), FhG ICT - Karlsruhe (DE), INTA Instituto Nacional de Technica Aerospacial - Madrid (ES), Elsag Datamat - Rome (IT), AETIC es la Asociación de Empresas de Electrónica, Tecnologías de la Información - Madrid (ES), Fondazione Rosselli - Torino (IT), European Organisation for Security SCRL - Brussels (BE),	EU Service of Technology Watch on Security Technologies,	Security, Concepts
STRUCTURES	ENTR (285257)	http://www.structures-project.eu/	Call 2011.2.2-2 CP Protection (Concept)	Strategies for The impRovement of critical infrastrUCTUre Resilience to Electromagnetic attackS; EU fund 3,497,673: Aims at analysing possible effects of electromagnetic (e.m.) attacks, in particular of intentional e.m. interference on CIs: • at analyzing possible effects of electromagnetic (e.m.) intentional attacks, • at assessing impact for defense, economic security, • at identifying innovative awareness, protection strategies, • providing picture for policy makers on possible consequences, • bring together existing research in IEMI, • Analysis of risks to critical infrastructure, • Protection, detection, • Guidelines for end users, policy makers,	Jul. 2012 / Jul 2015	Ingegneria Dei Sistemi Spa IDS. (IT) - Pisa	EPFL - Lausanne (CH), HES-SO Haute Ecole Spécialisée de Suisse Occidentale - Delémont near Sion (CH), Univers. YORK (UK), Montena Technology SA - Rossens (CH), Univers. HELMUT SCHMIDT (Bundeswehr) - Hamburg (DE), Univers. Gottfried Wilhelm Leibniz - Hannover (DE), Univers. of Wuppertal (DE), Univers. Twente (NL), ISMB Istituto Superiore Mario Boella - Torino (IT), Navigate Consortium - Rome (IT), Rheinmettall Waffe Munition GmB - Oberndorf am Neckar (DE), Politecnico di Torino (IT),	Cis Protection, Resilience to Electromagnetic attackS,	Security, Concepts, Cls,
SUBCOP	ENTR (312375)	http://www.subcop.eu/g_and_a.htm	Call 2012.1.3-1 CP Prevention	Suicide Bomber Counteraction and Prevention; EU fund 3,486,040: Develop technologies, procedures to be applied by Police Security Forces when responding to a suspected PBIED (Person Borne Improvised Explosive Device). It is insensitive to how alert is raised, should it be based on detection of explosives or explosive devices, informants reporting, or other intelligence sources. It will develop guidance as to what response to a PBIED that is ethically & socially justifiable.	Jun. 2013 / May 2016	FOI (SE) - Stockholm	TNO - Delft (NL), Karolinska Instit. - Stockholm (SE), TU Eindhoven (NL), Rand - Cambridge (UK), Aselsan Elektronik Sanayi ve Ticaret AS - Ankara (TR), Ministry of Public Security MOPS/INP - Ramle (Israel), CBRNE Ltd - Ashford (UK), İçişleri Bakanlığı - Ankara (Turkey), Cerberus Black Ltd - Haywards Heath (UK), FhG VVS - Freiburg (DE),	Responding to suspected PBIED,	Crisis, Crime, Terrorism,
SUBITO	REA (218004)	http://www.subito-project.eu	Call 2007-2.3-01 CP Preparedness (Concept)	The Surveillance of Unattended Baggage and the Identification and Tracking of the Owner; EU funds 2,581,052: Culminate in a demonstration at end user site, of semi-automated, human-intheloop data processing operating with existing circuit television technology , demonstrating: • Fast detection of baggage abandoned, • Fast identification of individual who left baggage, • Fast determination of their location or path followed. Objectives: • To understand threat scenarios involving unattended goods from user perspective, identify alarm & non-alarm conditions related to these & decision logic applied by human operators in taking proactive or reactive actions. • To determine measures of performance, • To undertake Privacy Impact Assessment process. • To develop algorithms that provide capability to detect, segment, track, classify moving objects within monitored scene. • To demonstrate integrated system operating against realistic scenarios in typical end user facility.	Jan. 2009 / Oct 2011	SELEX Sensors and Airborne Systems Ltd (UK) - Southampton	ELSAG Datamat Spa - Genova (IT), Onera - Paris (F), L-1 Identity Solutions AG - Bochum (DE), CEA - Paris (F), Univers. of Leeds (UK), Univers. of Reading (UK), VTT - Espoo (FI), Fachhochschule Technikum Wien (AT), Fiera di Genova Spa - Genova (IT), Univers. of Oxford - Oxford (UK),	Surveillance of Unattended Baggage,	Security, Boarder, Transport

Project	Programme (ID)	Website	Call / Type	Description	Dates	Coordinator	Partners	Topic	Keywords
SUNNY	ENTR (313243)	http://www.vitrociset.it/download/433	Call 2012-1 IP Demo Detection	Smart UNmanned aerial vehicle sensor Network for detection of border crossing and illegal entrY; EU fund 9,569,977: Contribute to EUROSUR by defining new tool for collecting real-time information in operational scenarios: •A two-tier intelligent heterogeneous UAV sensor network in order to provide both large field & focused surveillance capabilities, where first-tier sensors, carried by medium altitude, long-endurance autonomous UAVs, are used to patrol large border areas. Novel algorithms will analyse data collected by sensors for robust, accurate target identification & event detection; •Novel sensors, on-board processing generation, integrated on UAV system, focused on low weight, low cost, high resol. Sunny will develop sensors that generate RGB image, Near Infrared & hyperspectral image, use radar information to detect, discriminate & track objects, •exploitation, adaptation of emerging standard wireless technologies & architectures as IEEE, DVB-T2, Mobile WiMAX, LTE.	Jan. 2014 / Jun. 2017	BMT GROUP Ltd (UK) - London	INESC Inov - Porto (PT), National Center Demokritos - Athens (GR), CNIT Consorzio Nazion. Interuniversit. Telecomunicazioni - Parma (IT), Technical Univers. of Crete - Chania (GR), Queen Mary Univers. London (UK), Technalia - San sebastian (ES), Xenics NV - Leuven (BE), Minist. Da Defensa Nacional - Lisboa (PT), Metasensing BV - Noordwijk (NL), Center for security Studies KEMEA - Athens (GR), SAAB - Göteborg (SE), Altus Lsa - Chania (GR), Specim Spectral Imaging Oy - Oulu (FI), TTI Norte - Santander (ES), Alenia Aermacchi - Pomigliano d'Arco near Napoli (IT), Marlo AS - Heer (NO), Vitrociset - Rome (IT),	UAV detection of border crossing and illegal entry,	Security, Boarder, Transport
SUPER	REA (606853)	http://super-fp7.eu/	Call 2013.6.1-1 CP Preparedness	Social sensors for secUrity Assessments and Proactive EmeRgencies management; EU funds 3,117,318: SUPER explores holistic integrated framework for understanding citizens' reactions against emergencies in social media, while at same time empowering security forces, civil protection agencies to fully leverage social media in their operations. Developp: - Behavioural models in order to understand, model citizens' social media behaviour before, during, after emergencies; - Virtual spaces, Leveraging Virtual Spaces for evaluating public opinion; - Rumour tracking, Automatic identification, verification of emergency relevant information from social media; - Fusion and Reasoning over Social Sensors; - Fast extensible search across multiple social media streams; - Behavioural analysis,sentiment identification; - Identifying important event-relevant information automatically in real-time;	Avr. 2014 / Mar. 2017	Vitrociset SPA (IT) - Roma	Univers. of Glasgow (UK), Institute of Communications and Computer Systems ICCS - Zografou near Athens (GR), CEFU Civil Protection Service - Campania (IT), Barcelona Media - Barcelona (ES), Sensap Swiss AG - Zurich (CH), IN2 - London (UK), Sensing & Control - Barcelona (ES),	Citizen Media	Security, Concepts
SUPPORT	ENTR (242112)	http://www.supportproject.info/	Call 2009-3.2-01 CP Protection	Security UPgrade for PORTs; EU fund 9,920,607: SUPPORT will address 'total' port security upgrade solutions encompassing legal, organisational, technology, human factors perspectives. These solutions should provide substantial improvements in performance, reliability, speed, cost of EU port security. It will deliver : » 'validated' generic port security management models (capturing reusable state-of-art, best practices); » training & open standards based tools to aid security upgrade in EU ports.	Jul. 2010 / Jul 2014	BMT GROUP Ltd (UK) - London	Sonarsim Ltd - Limerick (IE), Gemeente Amsterdam (NL), Piraeus Port (GR), Lisboa Port (PT), STSLC - Den Haag (NL), Univers. Bristol (UK), Inlecom Syst - Rotherfield (UK) , Univers. Innsbruck (AT), Europhar - Valencia (ES), Stena Line Scandinavia - Göteborg (SE), Securitas AB - Stockholm (SE), FOI - Stockholm (SE), INRIA- Paris (F), Maritime Administration of Latvia - Riga (LV), Cargotec Oyj - Helsinki (FI), eBOS Technologies Ltd - Strovolos(CY), Marlo AS - Heer (NO), Marac SA - Perama (GR), Valtion Teknillinen - Espoo (FI), Nautical Enterprise - Cork (IE), Norsk Marinteknisk - Trondheim (NO),	Main sea and inland port security system,	Security, Boarder, Transport
SURPRISE	REA (285492)	http://surprise-project.eu/	Call 2011.6.5-2 CP Preparedness (Concept)	Surveillance, Privacy and Security: A large scale participatory assessment of criteria and factors determining acceptability and acceptance of security technologies in Europe; EU funds: 3,424,109: SURPRISE re-examines relationship between security & privacy, which is commonly described as 'tradeoff'. Provision of framework to evaluate security solutions & technologies to be highly relevant for taking investment, policy decision related to security issues. Provision of insight to understand drivers of insecurity, ways to prevent it ; allowing governments to distribute resources in more efficient, comprehensible way. Improving social inclusion by highlighting potential sources of discrimination, unintended consequences produced by introduction of security solutions, other aspects that threaten social cohesion with respect to security issues.	Fev. 2012 / Jan. 2015	OEAW Oesterreichische Akademie der Wissenschaften (AT) - Wien	Agencia de Protección de Datos de la Comunidad de Madrid (ES), Agencia Estatal Consejo Superior de Investigaciones Científicas CSIC - Madrid (ES), Teknologiradet The Danish Board of Technology DBT - Copenhagen (DK), European University Institute - Firenze (IT), Verein für Rechts und Kriminal Soziologie IRKS - Wien (AT), Medián Opinion and Market Research Ltd. - Budapest (HU), Teknologiradet - Norwegian Board of Technology - Oslo (NO), The Open University - Milton Keynes (UK), Akademien der Wissenschaften Schweiz Verein - Bern (CH), Unabhaengiges Landeszentrum fuer Datenschutz - Kiel (DE),	Ethics Justice, relationship between Human privacy and security,	Security, Concepts, Ethics, Legal,
SURVEILLE	ENTR (284725)	http://www.surveille.eu/	Call 2011.6.1-5 CP Protection	Surveillance: Ethical Issues, Legal Limitations, and Efficiency; EU fund 3,382,354: Provides comprehensive survey of surveillance technology deployed in EU & appraises security concerns, economic cost, public perceptions, infringement of fundamental rights, & examines legal, ethical issues of surveillance technology in prevention, investigation & prosecution of terrorism, other serious crimes. SURVEILLE will continuously communicate results with stakeholders - EU decision-makers, law enforcement, local authorities, technology developers - & receive feedback to inform ongoing research.	Jan. 2012 / Avr. 2015	European University Institute EUI (IT) - Florence	Univers. Birmingham (UK), Raoul Wallenberg Institute of Human Rights and Humanitarian Law RWI - Lund (SE), TU Delft (NL), FhG-IOSB - Karlsruhe (DE), Université libre de Bruxelles (BE), EFUS European Forum for Urban Security - Paris (F), Merseyside Police Merpol - Liverpool (UK), Univers. Albert-Ludwigs - Freiburg (DE),	Surveillance and the challenges for the security of the citizen,	Security, Concepts, Ethics, Legal,

Project	Org (ID)	URL	Call / Type / Topic	Description	Dates	Coordinator	Participants	Short description	Tags
TACTIC	REA (608058)	http://www.tacticproject.eu/	Call 2013.4.1-5 CSA Preparedness	Tools, methods And training for CommuniTIes and Society to better prepare for a Crisis; EU fund 999,083; Increase preparedness to large-scale & cross-border disasters amongst communities, societies in EU. TACTIC considers studies on risk perception, preparedness to develop a community preparedness audit enabling communities to assess, impacts in multi-hazard context, their motivations & capacities to prepare for large-scale & /or cross-border disasters. This forms basis for developing context-sensitive education, training strategies, practices, embedded in overarching long-term learning framework (including evaluation procedures) for increasing overall prepares of communities & societies across EU. Rather than taking top-down approach to preparedness, TACTIC will pursue collaborative project strategy in development, testing & validation of tools & materials by conducting 4 case studies focusing on terrorism, floods, pandemics, earthquakes.	May. 2014 / Avr. 2016	Helmholtz-Zentrum für Umweltforschung UFZ (DE) Leipzig	Trilateral Research and Consulting Llp - London (UK), Univers. Northumbria - Newcastle upon Tyne (UK), European Dynamics - Maroussi Athina (GR), Institute of Meteorology and Water Management - Warszawa (PL), Middle East Technical University METU - Ankara (TR), Saxon State Office for the Environment, Agriculture and Geology LfULG - Dresden (DE),	large scale and/or cross border crisis & disasters,	Crisis,
TACTICS	ENTR (285533)	http://www.fp7-tactics.eu/	Call 2011.1.4-1 CP Protection	Tactical Approach to Counter Terrorists in Cities ongoing research; EU fund 3,478,464: Most terrorist attacks in EU have occurred at airports or public transport. TACTICS introduces 3 roles: Threat Manager TM, Threat Decomposition Manager TDM, Capabilities Manager CM. It aims to develop trustful, effective strategies in order to support each of these managers in responding more quickly in more structured, efficient way to specific threat as well as minimizing occurrence of false positives & negatives.	Sept. 2012 / Aug. 2015	TNO (NL) - Delft	RAND Europe - Cambridge (UK), Dutch National Police - Den Haag (NL), Peace Research Institute Oslo (NO), ITTI - Poznan (PL), Trinity College Dublin (IE), ISCA International Security and Counter-terrorism Academy - Rishon Le-Zion (Israel), Univers. Politécnica de Valencia (ES), FhG IESE - Kaiserslautern (DE), Royal Netherlands Marechaussee - Amsterdam (NL), Morpho - Paris (F),	Tactical Approach to Counter Terrorists, Terrorist attacks in EU occurred at airports, public transport,	Crisis,
TALOS	REA (218081)	www.talos-border.eu	Call 2007-3.2-02 IP Protection	Transportable autonomous patrol for land border surveillance system; EU funds 12,898,332: TALOS is an innovative Surveillance System, rapidly deployable, mobile, unmanned ground, air vehicles, which will address new challenges: » Is capable of Detecting, Locating, Tracking and Tracing individuals, vehicles, hazardous substance. » Combines remote & autonomous platforms featuring multi sensor data fusion (B, C), active imaging, data Fusion, command Control & Communication. Main objectives: » To design Surveillance System (Unmanned Ground); » To run research works; » To implement core components of TALOS system as proof-of-concept prototype; » To run TALOS demonstrator; » To promote usage of TALOS system; » To show cost-effectiveness;	June. 2008 / Aug. 2012	Przemysłowy Instytut Automatyki i Pomiarów (PL) Warszawa	STM Savunma Teknolojileri Muhendislik ve Ticaret - Ankara (TR), ASELSAN Elektronik Sanayi ve Ticaret - Ankara (TR), European Business Innovation & Research Center - Bucarest (RO), HAI Hellenic Aerospace Industry SA - Athens (GR), Israel Aerospace Industries Ltd - Tel Aviv (Israel), ITTI Sp - Poznan (PL), Onera - Paris (F), Defendec Ou - Tallinn (EE), Société Nationale de Construction Aérospatiale Sonaca - Gosselies (BE), Telekomunikacja Polska SA - Warszawa (PL), TTI Norte Sl - Santander (ES), VTT - Espoo (FI), Politechnika Warszawska (PL),	Transportable autonomous patrol for land border surveillance system,	Crisis, Security, Boarder, Transport
TASS	REA (241905)	www.tass-project.eu	Call 2009- 2.2.2 IP Protection	Total airport security system; EU funds 8,986,696: TASS is a multi-segment, multi-level intelligence & surveillance system, aimed at creating entire airport security monitoring solution providing real-time accurate situational awareness to airport authorities. Concept is based on integrating different types of selected real time sensors & sub-systems for data collection in variety of modes, including fixed & mobile, all suitable for operation under any environmental conditions. Provides airports' C3 systems with actionable information that they seek, to allow effective timely response. Provide real-time accurate situational awareness of all airport facilities, surroundings (perimeters, terminal, access-points, sensitive areas...), people (passengers, employees...), vehicles, cargo, airplanes.	Avr. 2010 / Avr. 2014	VERINT Systems Ltd (Il, Israel) - Tel Aviv	BAA Limited - Heathrow near London (UK), Grupo Mecanica del Vuelo Sistemas SA - Valladolid (ES), Rapiscan Systems Limited - Stoke-on-Trent (UK), CRAT Consortium for Research AutomationTelecomm. - Rome (IT), Demokritos - Athens (GR), GMVIS Skysoft SA - Lisboa (PT), Mentum SA - Vélizy-Villacoublay near Paris (F), Vitrociset Spa - Rome (IT), Alcatel-Lucent Italia Spa - Milano (IT), Univers. Queen Elizabeth - Dublin (IE), IMEGO AB - Goteborg (SE), Elbit Security Systems ltd - Haifa (Israel), Athens International Airport SA (GR), Real Fusio France - Toulouse (F), Immersion SAS - Paris (F), Red-M Wireless Ltd - Horsham (UK), BAE Systems - Farnborough near London (UK), Ernst & Young - Tel Aviv (Israel), ANA Aeroportos De Portugal SA - Lisboa (PT), INOV Inesc - Porto (PT),	Multi-level intelligence & surveillance system for entire airport security	Security, Boarder, Transport
TAWARA_RTM	ENTR (312713)	http://www.caen.it/csite/DisplaySupportData.jsp?Type=News&Id=47&home=y	Call 2012.1.5-2 CP Detection	TAp WATer RAdioactivity Real Time Monitor; EU fund 2,564,554: Demonstrate, test new tool for real-time monitoring of radioactive contamination in tap water. Provide real time measurement of water activity (measuring gross alpha, beta activity) to verify whether distributed water is far from limits set by the EU legislation (see Directive 98/83/CE of EU Council). Include development of complete platform including fast Real-Time Monitor system (RTM), Spectroscopic system (SPEC) as well as Information & Communication System, designed to include in future also chemical and biological sensors.	Dec. 2013 / May 2016	Univers. Degli Studi di Padova (IT) - Padoue	Univers. Degli Studi di Pisa (IT), Narodowe Centrum Badan Jadrowych - Warszawa (PL), Miejskie Przedsiebiorstwo Wodociagow Kanalizacji - Warszawa (PL), Wardyński Wspólnicy spk - Warszawa (PL), Scionix Holland BV - Bunnik (NL), CAEN SpA Costruzioni Apparecchiature Elettroniche Nucleari - Viareggio (IT), ENEA - Rome (IT),	Tool for real-time monitoring of radioactive contamination in tap water	R, N,
TERASCREEN	ENTR (312496)	http://fp7-terascreen.com/	Call 2012.3.4-5 CP Detection	Multi-frequency multi-mode Terahertz screening for border checks; EU fund 3,489,932: Develops innovative concept of multi-frequency multi-mode Terahertz (THz) detection with new automatic detection, classification functionalities. Developed, demonstrates, at live control point, safe automatic detection, classification of objects concealed under clothing, whilst respecting privacy & increasing current throughput rates.This innovative screening system combines multi-frequency images taken by passive & active imagers which scan subjects & obtain complementary information, thus allowing for automatic threat recognition.	May 2013 / Oct. 2016	Alfa Imaging S.A (ES) - Madrid	Univers. Navarra UPNA - Pamplona (ES), Anteral - Sarriguren Navarra (ES), Science Technology Facilities Council STFC - Swindon (UK), Teratech - Didcot (UK), Acreo Swedish AB - Kista (SE), Omnic Sas - Limeil Brevannes near Paris (F), Univers. Roma "Tor Vergata" - Rome (IT), Univers. Goethe - Frankfurt am Main (DE), FhG FKIE - Wachtberg near Bonn (DE), ICTS Ltd - London (UK), Univers. Albert-Ludwigs - Freiburg (DE),	Terahertz detection & classification of objects concealed under clothing,	Security, Boarder, Transport

Acronym	Type (ID)	URL	Call / Instrument / Topic	Title & Description	Dates	Coordinator	Partners	Application	Keywords
THE HOUSE	ENTR (285099)	http://thehouse-majorevents.org/	Call 2011.7.1-1 NoE Preparedness	Enhancing European Coordination for National Research Programmes in the Area of Security at Major Events; EU fund 2,774,300: The House involves testing of provision of coordination standards during major events in EU. Standards concern key areas which were identified as commonalities of interest as being the basic constituents of major event security planning in EU requiring further coordination. After previous projects (EU-SEC, EU-SEC II) provision is now being tested in The House project. Involves Consortium of 24 EU MS, will contribute to elaboration of common EU major events security planning framework, will facilitate adoption of common policing approach at EU level.	Mar. 2012 / Fev. 2014	UNICRI (IT) - Turin	Bundesministerium für Inneres-Ministry of the Interior BM.I - Wien (AT), Deutsche Hochschule der Polizei - Muenster (DE), Minist. del Interior - Madrid (ES), Minist. de l'Intérieur - Paris (F), Metropolitan Police Service - London (UK), An Garda Síochána - Dublin (IE), Minist. dell'Interno - Rome (IT), Minist. of Security and Justice - Den Haag (NL), Instituto Superior de Ciências Policiais - Lisboa (PT), KEMEA Center for Security Studies - Athens (GR), Minist. of the Interior of the Republic of Latvia - Riga (LV), Minist. of Romanian Police - Bucarest (RO), Minist. of Interior of Slovak Republic - Bratislava (SK), Minist. of Interior - Sofia (BG), Minist. of Interior of Slovenia - Ljubljana (SI), Minist. of the Interior of Estonia - Tallinn (EE), Cyprus Police - Nicosia (CY), Police Force of Hungary - Budapest (HU), Malta Police Force - Floriana (MT), Swedish Police - Stockholm (SE), National Police Danish - Copenhagen (DK), Police Ministry of...	Assistance to EU countries hosting a Major Event through the European House	Security, Concepts
TIRAMISU	REA (284747)	http://www.fp7-tiramisu.eu/	Call 2011.1.3-3 IP Recovery	Toolbox Implementation for Removal of Anti-personnel Mines, Submunitions and UXO; EU fund 14,934,745: Anti-personnel landmines & unexploded ordnance (UXOs) present important obstacle to transition from crisis to peace for war-affected countries. They threaten post-conflict development & welfare. Provide Mine Action community with toolbox to assist in addressing many issues related to Humanitarian Demining, thus promoting peace, national & regional security, conflict prevention, social & economic rehabilitation, post-conflict reconstruction. Tools development: 1) Demining planning tools, to locate landmines & UXOs, define contaminated areas. 2) Detection, disposal tools, to neutralise mines & UXOs. 3) Training, Mine Risk education tools.	Jan. 2012 / Dec. 2015	Ecole Royale Militaire (BE) - Brussels	Univers. Degli Studi Genova (IT), DLR's Earth Observation Centre EOC - Oberpfaffenhofen near Munich (DE), Univers. of Coimbra ISR - Coimbra (PT), Consejo Superior de Investigaciones Científicas CSIC - Barcelona (ES), Univers. Degli Studi di Catania (IT), IMM Institute of Mathematical Machines - Warszawa (PL), Dialogis UG - Freilassing (DE), Univers. of Zagreb Geodetski Fakultet - Zagreb (HR), Hrvatski Centar za razminiranje-Centar za testiranje - Karlovac (HR), Noveltis Sa - Aix-en-Provence (F), Paris-Lodron Universität Plus - Salzburg (AT), Wojskowy Instytut Hi - Warszawa (PL), Univers. of St Andrews (UK), Université libre de Bruxelles ULB - Brussels (BE), Spinator AB - Stockholm (SE), ProTime GmbH für Informationslogistik - Prien a Chiemsee (DE), SpaceTec Partners SPRL - Brussels (BE), European Union Satellite Centre Satcen - Torrejon de Ardoz (ES), Vallon Gmbh - Eningen Unter Achalm (DE), Ingegneria Dei Sistemi Spa IDS - Pisa (IT), Pierre Trattori di Giovanni Battista Polentes & C. Snc - Silvano D'orba (IT), Brimatech Services Gmbh - Wien (AT), CEN - Brussels (BE),	Toolbox for humanitarian clearing of large civil areas from anti-personal landmines and cluster munitions	E,
TRACE	REA (607669)	http://trace-project.eu/	Call 2013.6.1-3 CP Preparedness	TRafficking as A Criminal Enterprise; EU funds 1,006,492: Support stakeholders in combating & disrupting human trafficking, a form of modern-day slavery, one of largest world criminal enterprises, by assessing, consolidating information surrounding perpetrators & wider trafficking enterprise. TRACE adopts a multi-disciplinary approach: legal, criminological, socio-economical, psychological, law enforcement-oriented, to build upon on-going EU & national projects, activities. It focuses on perpetrators activities developing understanding of the structure, social relationships, modus operandi, travel routes, technologies associated with different types of human trafficking. It includes a number of research activities, workshops, outreach efforts that will help to outline an intervention strategy based on policy recommendations for disrupting trafficking chain.	May. 2014 / Avr. 2016	Trilateral Research & Consulting LLP (UK) London	VUB Vrije Universiteit Brussels (BE), Stichting Katholieke Universiteit Brabant Tilburg - Tilburg (NL), Council of the baltic Sea States Secretariat - Stockholm (SE), Agentia Nationala Impotriva Traficului de Persoane - Bucarest (RO), National Commission for Combating Trafficking in Human Beings - Sofia (BG), Cyprus police - Nicosia (CY), Comité contre l'esclavage moderne - Paris (F), The International La Strada Association - Amsterdam (NL),	Citizen Media,	Security, Concepts, Crime,
TRITON	ENTR (312687)	http://tritonproject.eu/	Call 2012-1 CP Protection	Trusted Vessel Information from Trusted On-board Instrumentation; EU fund 1,533,099: In scenario of civilian, commercial maritime control: surveillance & safety systems may be under attack aiming to bypass, mystify control system to obtain economic gain. Focusing on increasing trustworthiness of on-board instrumentation used to report vessel information to control organisms. Today's maritime surveillance operations rely on ship reporting systems such as AIS (Automatic Identif. System), LRIT (Long Range Identif. Tracking), VMS (Vessel Monitoring System), whose reported data (vessel ID, accurate position & time, course over ground, speed over ground, heading, rate of turn...) are not verified nor validated. Proof of concept of proposed technological solutions will be given in a prototype & appropriate test suites. It focuses on: 1. GPS/Galileo receiver robust to intentional jamming, spoofing attacks; 2. Enhancing robustness of communication link from vessel to vessels & shore base stations.	Dec. 2013 / Nov. 2015	Istituto Superiore Mario Boella ISMB (IT) - Genoa	7I Group AB - Stockholm (SE), Granturco partners - Brussels (BE), Kongsberg Norcontrol IT - Horten (NO), ALPHA Consult - Milano (IT), Acorde Technologies SA - Santander (ES),	Civilian, commercial maritime control: surveillance & safety systems,	Security, Boarder, Transport
TWOBIAS	REA (242297)	http://www.twobias.com/	Call 2009-1.3-01 CP Detection	Two stage rapid biological surveillance and alarm system for airborne threats; EU funds 3,577,834: Develop demonstrable modular & "close-to-market" demonstrator of stationary, reliable, vehicle-portable, low false alarm rate Two Stage Rapid Biological Surveillance and Alarm System for Airborne Threats (TWOBIAS) for use at indoor or outdoor public sites regarded as targets for bioterrorist attacks. It will provide reliable information to command control systems, first responders within seconds, enhancing security related to biological threats at high profile public sites	Dec. 2010 / Dec. 2013	Norwegian Defence Research Establishment FFI (NO) - Kjeller near Oslo	Minist. intérieur Centre d'Etudes du Bouchet DGA - Le Bouchet near Paris (F), Dycor Global Solutions Ltd - Limassol (CY), TNO - Delt (NL), Q-linea AB - Uppsala (SE), VVI SUJCHBO VVI National Institute CBRN Protection - Millin near Praha (CZ), FOI - Stockholm (SE), Thales - Paris (F), Univers. Uppsala (SE),	B-detection. Very fast alerting,	Crisis, B,
UAN	CNECT (225669)	http://www.siplab.fct.ualg.pt/UAN/	Call ICT-SEC-2007.1.7 CP Preparedness	Underwater acoustic network, EUR 2 950 000; UAN will conceive, develop, test at sea an innovative wireless network integrating submerged, terrestrial, aerial sensors for protection of off-shore & coastline critical infrastructures. Security of such economically vital infrastructures requires integrated approach involving underwater & land/air sensors, actuators for surveillance, monitoring, deterrence. UAN focuses on security oriented underwater wireless network infrastructure, realized by hydro-acoustic communication.	Oct. 2008 / Sept. 2011	CINTAL - Centro Investigação Tecnológico do Algarve - Faro (PT)	Selex Sistemi Integrati - Rome (IT), Univers. Degli Studi Genova (IT), Univers. Degli Studi di Pisa (IT), Stiftelsen Sintef - Trondheim (NO), FOI - Stockholm (SE), Norsk Marinteknisk - Trondheim (NO),	Protection of off-shore & coastline critical infra structures,	Security, Boarder, Transport

Project	Agency (ID)	URL	Call	Description	Period	Coordinator	Partners	Focus	Topics
UNCOSS	ENTR (218148)	http://www.uncoss-project.org/	Call 2007-3.3-02 CP Protection	Under water Coastal Sea Surveyor; EU fund 2,763,818: Provide tools for non-destructive inspection of underwater objects mainly based on neutron sensor. This technology used has already been experimented for Land Protection (especially in the frame of FP6/Euritrack project). Application of this technology for underwater protection will be a major achievement. Tools for keeping naval infrastructure safe: harbours, coastal areas, oil, gas terminals, power/nuclear plants: tools for NDT inspection of underwater objects (neutron sensor). Detection of dangerous materiels (IED), surveillance in wide maritime areas.	Dec. 2008 / Jul 2012	CEA (F) - Paris	A & C.T (Analysis and Control Technologies - Zagreb (HR), ECA Sa - Toulon (F), JSI Jošef Stefan Institute - Ljubljana (SI), LPX Laseroptronix - Taby (SE), Port Authority Bar - Bar (Montenegro, HZ), Port Authority Dubrovnik (HR), Port Authority Vukovar (HR), Ruder Boškovic Institute - Zagreb (HR), Mednarodna podiplomska šola Jožefa Stefana - Ljubljana (SI),	Surveillance in wide maritime areas through active & passive means,	Security, Boarder, Transport
UNSETH	ENTR (312701)	not yet available	Call 2012.5.3-1 CP Detection	Unique Smart anti-tampering and Enveloping TecHnologies; EU fund 2,763,818: It aims to develop, qualify European based packaging, assembly technologies applicable to both Electronic modules and Systems-in-Package compatible with low cost secure solutions, tamper detection features, higher tamper resistance. It will integrate results from ongoing embedded die technology work in FP7 HERMES scheme. PCB module containing embedded dies will be used and integrated to build UNSETH technology prototype to be assessed with security evaluation. UNSETH will explore, derive advantages which can be obtained by introducing new nanomaterials printed envelope, 3D embedded devices into electronic modules & SiP with active anti-tamper sensors as well as combination of all, focusing on both end products themself as well as manufacturing process.	Jan. 2014 / Dec. 2016	THALES (F) - Paris	FhG Zv - München (DE), Epoche and Espri SL - Molar (ES), AT & S Austria Technologie & Systemtechnik - Leoben (AT), Namium SA - Vila do conde (PT),	Embedded protection of security systems & anti-tampering technologies,	Security, Concepts
VALCRI	ENTR (608142)	http://www.i-intelligence.eu/valcri/	Call 2013-1.6-4 Demo IP Prevention (Concept)	Visual Analytics for Sense-making in CRiminal Intelligence analysis; EU fund 13,053,686: Addressing European Needs for Information Exploitation of Large Complex Data in Criminal Intelligence Analysis; will employ science & technology of Visual Analytics to develop capability by combining novel visualisation, interaction techniques with powerful analytic software for automated extraction of meaningful information & related text, documents, images, video, for detecting signatures or patterns across multi dimensional data that provide early warning or triggers of impending criminal or terrorist action.	May. 2014 / Dec. 2017	Middlesex University (UK) - London	A E Solutions Ltd - Badsey (UK), Battelle Memorial Institute Non Profit Corporation - Columbus (US), Exipple Studio SL - Barcelona (ES), Univers. Katholieke Leuven (BE), Univers. Linköping (SE), ObjectSecurity Ltd - Cambridge (UK), Service Public Federal Interieur - Brussels (BE), Space Applications Services NV - Brussels (BE), Stad Antwerpen (BE), TU Graz (AT), TU Wien (AT), Univers. City London (UK), Unabhängiges Landeszentrum für Datenschutz Schleswig-Holstein - Kiel (DE), Univers. of Konstanz (DE), West Midlands Police Authority - Birmingham (UK) , FhG IDMT - Oldenburg (DE), i-Intelligence Gmbh - Winterthur (CH),	Information,	Crime, Security, Concepts
VALUESEC	REA (261742)	http://www.valuesec.eu/	Call 2010.6.3-3 CP Prevention	Mastering the Value Function of Security Measures; EU funds 3,443,210: Develop innovative risk assessment techniques, tools that will support policy makers in security-related decisions, included social, economic factors. Project approach: - Problem Analysis and Requirements; - Theories, Methodologies, Components; - Design, usability; - Dev.: How will the system work? Models transformation, utility function into applicable tools; - Evaluation: How do the implemented tools really work & help? - Dissemination & exploitation; Related projects: SECONOMICS, SAPIENT, PACT, SAMRISK, NEAT, EUSECON, SecureCHAINS, OSMOSIS, PoSecCo, NESSoS;	Fev. 2011 / Jan. 2014	FhG IFF (DE) Magdeburg	VTT - Espoo (FI), CESS Centre for EuropeanSecurity Strategies - München (DE), PRIO - Oslo (NO), Atos - Madrid (ES), Univers. UIS' Centre for risk management and societal safety - Stavanger (NO), EMAG's R&D - Katowice (PL), WCK Grc software - Bnei-Brak (Israel), Valencia Local Police (ES),	Security Economics, Research on rigorous methodologies for assessment of security investments & trade-off between security & other societal objectives,	Security, Concepts
VASCO	REA (607737)	http://www.security.gr/vasco-virtual-studio-security-concepts-operations/	Call 2013.2.1-1 CP Protection	Virtual Studio for Security Concepts and Operations; EU funds 3,037,341: First, it will design, implement, evaluate innovative IT tool enabling security professionals, administrators to jointly formulate, test, adjust security concepts, measures in virtual environment, for protection of government buildings. Second, produces knowledge best practice database, which captures dynamic, visual reference scenarios created with VASCO system. Project will adopt iterative methodology that enables constant involvement of world-class security & crisis management experts, assisted by solid & open user group. It makes use of latest advances in interactive visualisation, simulation, crisis management, artificial intelligence to provide end-users with new tool that significantly improves way in which they collaborate to secure critical government assets both at home & abroad.	Mar. 2014 / Fev. 2017	Diginext Sarl (F) - Aix en Provence, subdiary CS	CNR Italian National Research Council - Rome (IT), CRS4 Center for Advanced Studies, Research and Development in Sardinia - Pula near Cagliari (IT), Immersion SAS - Bordeaux (F), Center for Security Studies KEMEA - Athens (GR), CrisisPlan - Leiden (NL), Swedish National Defense College - Stockholm (SE),	Design areas, secure critical government assets,	Security, Concepts
VIDEOSENSE	REA (261743)	http://www.videosense.eu	Call 2010.7.0-1 NoE Protection	Virtual Centre of Excellence for Ethically-guided and Privacy-respecting Video Analytics in Security; EU funds 5,282,366: Integrate leading European research groups to create long-term open integration of critical mass in twin areas of Ethically-Guided & Privacy Preserving Video Analytics where advent of new data intelligence technologies against background of dynamic societal, citizen's goals, norms, expectations, safety & security needs have all contributed to complex interplay of influences which deserve in-depth study & solution seeking in order for EU society, citizen, industry to strike optimal balance in resolution of various challenges. VideoSense provides for: i.Fostering increased sustainable relationships between existing national research groups; ii.Momentum building; iii.Establishing Virtual Centre of Excellence and expandable framework; iv. external Boards of Industrial, Scientific Advisors; v.Establishing standard framework for Ethical Compliance Audit Management.	May. 2011 / Apr. 2015	Univers. of Reading (UK) - London	Univers. Queen Mary - London (UK), Eurecom - Biot near Nice (F), Thales Security Solutions - Paris (F), Isdefe - Madrid (ES), Technical University Berlin (DE), EPFL Ecole Polytechnique Federale de Lausanne (CH),	Virtual Centre of Excellence for Ethically-guided and Privacy-respecting Video Analytics in Security	Security, Concepts, Ethics, Legal,

VIKING	CNECT (225643)	http://www.kth.se/en/es/omskolan/organisation/avdelningar/ics/research/cc/p/v	Call ICT-SEC-2007.1.7 CP Protection	Vital infrastructure, networks, information and control systems management, EUR 1 824 950; Objectives: • To investigate vulnerability of SCADA systems, cost of cyber attacks on society • To propose, test strategies, technologies to mitigate these weaknesses • To increase awareness for importance of critical infrastructures & need to protect them; Objective is to develop, test, evaluate methodologies for analysis, design & operation of resilient & secure industrial control systems for CIs. Methodologies will be developed with particular focus on increased robustness of control system. Focus is on power transmission, distribution networks. Project combines holistic management perspective -in order to counteract sub-optimization in the design- with development of security solutions adapted to specific requirements of networked control systems.	Nov. 2008 / Nov. 2011	ABB AG (DE) - Berlin	ABB - Vasteras (SE), ETHZ Swiss Federal Institute of Technology - Zürich (CH), E.ON - Düsseldorf (DE), Astron Informatics Ltd - Budapest (HU), Kungliga Tekniska Högskolan KTH - Stockholm (SE), Univers. Maryland Foundation USMF - Adelphi (US), MML Analys & Strategi AB - Ahus (SE),	Critical infrastructure protection	Security, Concepts, Cis,
VIRTUOSO	REA (242352)	http://www.virtuoso.eu/	Call 2009-3.2-03 CP Prevention	Versatile information toolkit for end-users oriented open sources exploitation; EU funds 7,999,182: Aims to provide integrated open source information exploitation toolbox to EU authorities working in border security. This toolbox will extend the "security distance" of EU's borders by allowing EU agencies & MS to anticipate, identify, respond to strategic risks & threats. Aims to: » Improve situational awareness of those organisations, individuals charged with securing EU's borders; » Help anticipate risks as terrorism, illegal migration, trafficking of goods, people using OSINF; » Create kernel of pan-EU technological platform for collection, analysis, dissemination of open source information; » Provide tools for crisis management response if anticipation fails or in event of rupture scenar. OSINF platform will aggregate, in realtime, content from internet, leading subscription providers, broadcast media. Deliverables include demonstrator of VIRTUOSO toolkit. Core platform will be freely available as open source software..	May. 2010 / Jun. 2013	CEA (F) - Paris	EADS Cassidian - Paris (F), ATOS - Madrid (ES), Mondeca SA - Paris (F), Newstin a.s - Praha (CZ), Sail Technology AG - Wien (AT), Univers. Aalborg (DK), Thales - Paris (F), Bertin Technologies - Paris (F), Stichting Katholieke Universiteit Brabant - Tilburg (NL), TNO - Delft (NL), Isdefe - Madrid (ES), Hawk Associates Ltd - London (UK), ETHZ Swiss Federal Institute of Technology - Zurich (CH), CEIS Compagnie Europeenne d'Intelligence Strategique - Paris (F), Univers. Degli Studi di Modena (IT), Columba Global Systems Ltd - Swords (IE), Thales - Paris (F),	Intelligent Boarder Surveillance,	Security, Boarder, Transport
VITRUV	REA (261741)	http://www.vitruv-project.eu/	Call 2010.2.3-1 CP Protection (Concept)	Vulnerability Identification Tools for Resilience Enhancements of Urban Environments; EU funds 3,339,898: Urban planning is a process involving stakeholders, multi-disciplinary teams. Use of software tools plays significant role, none exist taking into consideration security aspects of urban planning. Teams need tools that encompass pre-application process with developers/designers. VITRUV is development software tools for long, complex screening process (urban planning). Based on hazard risk approach, tools will enable planners: • to make well-considered systematic qualitative decisions (concept level), • to analyse susceptibility of urban spaces to new threats, • to perform vulnerability analyses of urban spaces by computing damage on individuals, buildings, traffic infrastructure. All levels (concept, plan, detail) will contribute to enabling more robust, resilient space in field of urban (re)planning/(re)design/(re)engineering. Planners will be able to deliver urban space less prone to & less affected by attacks, disasters.	May. 2011 / Avr. 2014	FhG EMI (DE) - Freiburg	Crabbe Consulting Ltd - Stockton-on-Tees (UK), Provincia di Bologna - Bologna (IT), West Yorkshire Police - Wakefield (UK), Schüßler-Plan - Duesseldorf (DE), DISSING+WEITLING architecture - Copenhagen (DK), TNO - Delft (NL), Future Analytics Consulting Ltd - Dublin (IE), Sigmund Freud Private University Vienna - Wien (AT), Decisio BV - Amsterdam (NL), THALES Security - Paris (F), London Borough of Southwark - London (UK),	Design areas, Planning, (re)design, (re)engineering of urban areas less vulnerable, more resilient to security threats,	Security, Concepts, Cis,
VOX-POL	REA (312827)	http://voxpol.eu/	Call 2012.7.4-2 NoE Preparedness (Concept)	Virtual Centre of Excellence for Research in Violent Online Political Extremism; EU funds 5,129,681: VOX-Pol's purpose is establishment of robust partnering, research, training, dissemination network with core function: comprehensive research, analysis, debate, critique of topics in &issues surrounding Violent Online Political Extremism. In order to: 1. Create sustainable critical mass of innovative activity among what is currently a burgeoning, but fragmented group of researchers & research topics. 2. Ensure that EU, MS strategies, policies targeting VOPE are based on concrete evidence, experience, knowledge about contours & workings of VOPE & thus increasing their likelihood of success.	Jan. 2014 / Nov 2018	Univers. Dublin City (IE)	Univers. of Oxford (UK), Kings College London (UK), Univers. of Amsterdam (NL), TNO - Delft (NL), Indraprastha Institute of Information Technology – Delhi (India), Center for Media & Communication Studies CMCS - Budapest (HU), Univers. Hamburg Institut fur Friedensforschung und Sicherheitspolitik IFSH - Hamburg (DE),	Violent Online Political Extremism	Security, Concepts, Crime,
WIMAAS	ENTR (217931)	www.wimaas.eu	Call 2007-3.3-02 CP Detection	Surveillance in Wide Matime areas, (air vehicules); EU funds 2,737,169: WIMA²S addresses Airborne building block of maritime surveillance, more autonomous & improved efficiency through introduction of air vehicles with reduced or zero onboard crew. With 20 million km2, surveillance of EU maritime domain has to be improved (FRONTEX). Need is to control illegal immigration. Air assets are unique capability for wide area maritime surveillance because they provide situation awareness over extended areas (endurance, speed, long distance detection), re-direction to areas of interest (threat), flexible reaction (inspection). It develops concepts, technologies for better operational use at lower costs of: - Maritime Surveillance Manned Airborne Vehicle including existing Mission Aircraft - Maritime Surveillance Optionally Piloted Vehicles because regulations will not allow UAVs to fly across EU Airspace for years to come. It provide tangible results: - Simulation based on operational scenarios - Innovative concepts, technologies held by simulation (algorithmic modelling, remote control, sensor data fusion) - In flight experiment (remote control, crew concept)	Jan. 2009 / Nov 2011	Thales Communications (F) - Paris	Selex - Rome (IT), Dassault - Paris (F), Sener Ingeniera y Sistemas - Getxo (IT), FOI - Stockholm (SE), FhG IOSB - Karlsruhe (DE), JRC - Brussels (BE), Air Force Institute of Technology - Warszawa (PL), Eurosense Belfotop NV - Tielt (NL), Satcom1 - Greve (DK), SETCCE - Ljubjana (SI), Univers. TA Malta (MT), Aerovision Vehiculos - San Sebastian (ES),	Airborne building block of maritime surveillance	Security, Boarder, Transport

WSAN4CIP	CNECT (225186)	http://www.wsan4cip.eu	Call ICT-SEC-2007.1.7 STREP Detection	Wireless sensor networks for the protection of critical infrastructurest, EUR 2,775,000; Advance Wireless Sensor technology, Actuator Networks (WSANs) beyond state of art, to improve protection of Critical Infrastructures (CIs). By advancing WSAN technology, project will contribute to networked information, process control systems more secure & resilient. Distributed nature of WSANs enables them to survive malicious attacks, accidents, operational failures. It makes them dependable in critical situations, when information is needed to prevent further damage to CIs. WSAN4CIP will: - Enhance reliability of CIs critical infrastructures by providing surveillance data for CIs management; - Increase dependability of CIs security by providing self-healing, dependability modules for WSAN; Provide dependability engineering methodology, appropriate tool support; - Demonstrate feasibility of project's technical approach by using energy generation, distribution of CIs.	Jan. 2009 / Dec. 2011	Eurescom EUR (DE) - Heidelberg	NEC Europe Ltd - Heidelberg (DE), INOV, INESC - Porto (PT), EDP Energias de Portugal - Faro (PT), Budapest University of Technology and Economics - Budapest (HU), IHP Innovations for High Performance Microelectronics - Leibniz (DE), INRIA - Le Chesnay near Paris (F), Luleá University of Technology - Luleá (SE), Sirrix - Homburg (DE), Tecnatom AS - Madrid.(ES), Univers. UMA Malaga (ES), Frankfurter Wasser und Abwassergesellschaft FWA - Frankfurt (DE),	Critical infrastructure protection	Security, Concepts, CIs,
XP-DITE	ENTR (285311)	http://www.xp-dite.eu/	Call 2011.2.2-1 Demo IP Protection	Accelerated Checkpoint Design Integration Test and Evaluation; EU fund 9,992,635: Develop, validate comprehensive, passenger-centred approach to design. XP-DITE approach will allow airports, checkpoint designers, regulators to incorporate wide range of requirements, to evaluate checkpoint performance against security performance, cost, throughput, passenger satisfaction, ethical factors. Design process & supporting software based on conceptual model, overall requirements will be developed. This will help ensure robust, controllable aviation checkpoint security performance, whilst providing freedom for airport operators to design checkpoints with innovative technologies, procedures. security checkpoints at airports.	Sep. 2012 / Mar. 2017	TNO (NL) - Delft	FhG ICT - Karlsruhe (DE), FOI - Stockholm (SE), Isdefe - Madrid (ES), Schiphol NL AAS - Schiphol (NL), Morpho - Paris (F), Smiths Heimann SMI - Wiesbaden (DE), Eurofast IDP - Paris (F), Iconal Technology - Cambridge (UK), Cascade Technologies - Stirling (UK), Alfa Imaging - Madrid (ES), Albert-Ludwigs-Univers. Freiburg (DE), Manchester Airport Group - Manchester (UK),	Airport checkpoints,	Security, Boarder, Transport
ZONESEC	REA (607292)	not yet available	Call 2013.1.6-3 IP Detection	Towards a EU framework for the security of Widezones; EU funds 9,262,732: Advancement of 24/7 surveillance systems for security of WideZones with multiple assets at localized scales is of extreme strategic relevance to EU economies, industries, authorities, Citizens. Cost for large deployments, maintenance of ground sensing networks for local surveillance across these WideZones is extremely high. It could lead to large systemic failures of processes operating in wider zones, while economic stability, safety, security in EU compromised. Secure, interoperable observation data & information management services using open standards shall be deployed in ZONeSEC with aim of cost-effectively reusing them in surveillance of many other EU WideZones. Semantically enriched domain knowledge representations shall be stored for supporting high level data fusion & reasoning with reduced uncertainties & false alerts. Several pilots specializing in detection of illegal unauthorized entrances to or trespassing premises; or actions to damage to or deployment of harmful devices on installations shall be fully demonstrated. These concern Water, Oil and Transnational Gas Pipelines; Highways and Rail tracks conveyed in six European countries.	Not Lauched	Exodus AE. (GR) - Athens	Acciona Infraestructuras - Madrid (ES), Aditess Ltd - Nicosia (CY), Atos - Madrid (ES), Attikes Diadromes SA - Attica (GR), Crisisplan BV - Leiden (NL), Diginext Sarl - Aix en Provence (F), EADS Gmbh - Ottobrunn (DE), Fundación Tekniker - Gipuzkoa (ES), Gap Analysis SA - Athens(GR), Holistic Innovation Institute SI - Pozuelo (ES), Institute of Communication and Computer Systems - Athens (GR), Istituto di Sociologia Internazionale di Gorizia ISIG - Trieste (IT), NV Nederlandse Gasunie - Groningen (NL), SC Compania Aquaserv SA - Mures County (RO), Silixa Limited - Warrington (UK), TU Dresden (DE), Thales SA - Paris (F), Univers. Southampton (UK),	Informaion Gathering, surveillance systems for the security of WideZone,	Security, Boarder, Transport

			ENTR Total FP7		435,744,296
			REA Total		898,706,726
			Grand Total		1,334,451,022

http://cordis.europa.eu/fp7/security/projects_en.html

End Project	
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