

RESOLUTION OF THE RECTOR OF THE UNIVERSITY OF MURCIA R-1140/2023 OF 12 OF JULY, APPROVING THE REGULATORY BASES AND THE COMPLEMENTARY CALL FOR A POSTDOCTORAL CONTRACT WITHIN THE FRAMEWORK OF ACTION LINE 3 OF THE "THINKINAZUL" PROJECT OF THE COMPLEMENTARY MARINE SCIENCES PLAN.

The University of Murcia (UMU) is implementing a joint program and strategy for research and innovation in Marine Sciences, called *ThinkInAzul* project. The project aims to address in a sustainable way the new challenges in the monitoring and observation of the marine and coastal environment, climate change, aquaculture, and other sectors of the blue economy.

This project is part of the Complementary Marine Science Plan, funded through component 17 of the European Union's Recovery, Transformation and Resilience Plan and led by the University of Murcia, which brings together 7 autonomous communities (Andalucía, Cantabria, Valencia, Galicia, Murcia, the Balearic Islands and the Canary Islands), is committed to integrate and enhance all marine research in these regions, with the overall objective of creating a network of centres of excellence to cooperatively address challenges in marine research, aquaculture, new technologies, impacts on the marine environment and the blue economy.

For the correct development of this project, it is necessary to attract postdoctoral research personnel, in their final stages of research training or already fully trained, who, through their incorporation to the Research Groups of the University of Murcia, and having accredited an excellent scientific qualification, wish to carry out research in the areas identified in the Complementary Plan of Marine Sciences financed with MRR funds and with the general budgets of the Autonomous Community of the Region of Murcia.

As a consequence of the above, by resolution of the Rector of the University of Murcia R-966/2022 of July 18 (TOUM of July 19) the call for 5 postdoctoral contracts distributed among the three lines of action of this Complementary Plan was made public as follows:

- 2 contracts for the line "L1 - Observation and monitoring of the marine and coastal environment."
- 2 contracts for the line "L2 - Sustainable, intelligent and precision aquaculture".
- 1 contract for the line "L3 - Blue economy: Innovation and opportunities".

After the incorporation, the person contracted in action line L3 renounced to this aid, so given the need to incorporate postdoctoral personnel to carry out research in this line and the availability of adequate and sufficient funds, I RESOLVE:

To approve the regulatory bases and make public the present complementary call for the provision of one (1) postdoctoral contract in line L3 "Blue economy: innovation and opportunities" of the Complementary Plan for Marine Sciences.

This resolution will be effective from the day of its full publication in the Official Bulletin Board of the Region of *Murcia* (*BORM*), it will also be published in the Euraxess Portal and in other media established in the applicable legislation.

The call and shall be governed by the provisions of the following:

RULES;

FIRST. PURPOSE AND GENERAL RULES. CONTRACTING BODY.

- 1- One (1) postdoctoral contract is announced, the legal regime of which shall be that established in the following provisions:
 - Organic Law 2/2023, of March 22, of the University System.
 - Law 38/2003, of November 17, 2003, General Law on Subsidies.
 - Law 14/2011, of June 1, on Science, Technology, and Innovation.
 - Law 39/2015, of 1 October, on the Common Administrative Procedure of Public Administrations.
 - Law 40/2015, of October 1, 2015, on the Legal Regime of the Public Sector.
 - Royal Legislative Decree 2/2015, of October 23, which approves the revised text of the Workers' Statute Law.
 - Royal Decree-Law 32/2021, of December 28, on urgent measures for the labor reform, the guarantee of employment stability and the transformation of the labor market.
 - Statutes of the University of Murcia, approved by Decree 85/2004, of August 27, 2004, of the Governing Council of the Autonomous Community of the Region of Murcia.
 - II Collective Labor Agreement for Teaching and Research Staff, Contracted Labor of the Public Universities of the Region of Murcia of January 1, 2016.
 - Instructions of the Economic-Budgetary Regime of the University of Murcia, in force at the entry into force of this call.
 - Royal Decree-Law 36/2020, of December 30, of the Head of State, approving urgent measures for the modernization of the Public Administration and for the implementation of the Recovery, Transformation and Resilience Plan.
 - Order HFP/1030/2021, of September 29, by which the management system of the Recovery, Transformation and Resilience Plan is configured.
 - Order HFP/55/2023, of January 24, regarding the systematic analysis of the risk of conflict of interest in the procedures that execute the Recovery, Transformation and Resilience Plan.
- 2- Likewise, up to a maximum of 20,000.00 € will be granted for the development of the research project presented for its execution. The amount of this aid may not be used for personnel expenses or inventoriable material.
- 3- The contracting body is the Rector of the University of Murcia, without prejudice to the delegations of concurrent competences in favor of the person holding the Vice-Rectorate with competences in research; of the functions of the Research Area and of the Human Resources and General Services Area of the University of Murcia; and of the action that, in the course of the selection process, corresponds to the Contracting Commission that is developed in the eleventh base.

SECOND. ELIGIBILITY REQUIREMENTS FOR ADMISSION TO THE SELECTION PROCESS.

1- As to be admitted to the selective process, the interested persons must meet the following requirements:

- a. Have Spanish nationality or be a national of a Member State of the European Union or a national of those States to which, by virtue of international treaties entered by the European Union and ratified by Spain, the free movement of workers is applicable in the terms defined in the Treaty establishing the European Union.

However, it will be eligible to participate, whatever their nationality, the spouse of persons of Spanish nationality or who are nationals of other Member States of the European Union, provided that they are not separated by law, as well as their descendants and those of their spouse, provided that they are not separated by law, are under twenty-one years of age or are dependents over twenty-one years of age.

Likewise, foreigners who, not being included in the previous paragraphs, are in Spain in a legal situation, being holders of the documents that enable them to reside and to have access without limitations to the labor market or, not being in Spain, meet the requirements to obtain them, may also participate.

In any case, the provisions of Organic Law 4/2000, of January 11, on the rights and freedoms of foreigners in Spain and their social integration and Royal Decree 557/2011, of April 20, approving the Regulations for the execution of Organic Law 4/2000, of January 11, shall apply.

- b. Be at least sixteen years of age and not exceed, if applicable, the maximum age of compulsory retirement.
- c. Possess the functional capacity for the performance of the tasks.
- d. Have an adequate knowledge of the Spanish language for the performance of the assigned research work.
- e. Not to have been dismissed from the service of any of the Public Administrations by means of disciplinary proceedings, nor to be disqualified for the exercise of public functions. In the case of nationals of other Member States of the European Union and nationals of those States to which, by virtue of international treaties signed by the European Union and ratified by Spain, the free movement of workers is applicable, in the terms defined in the Treaty establishing the European Union, not to be subject to disciplinary sanctions or criminal convictions that prevent access to the civil service in their State.
- f. To have the acceptance of the Research Group of the University of Murcia to which he/she will join in case of being awarded one of these contracts (Annex V).

The concurrence of the requirements established in this base and in the third base must be referred to the date of the end of the deadline for submission of applications.

THIRD. DOCUMENTATION ACCREDITING THE CONCURRENCE OF THE ADMISSIBILITY REQUIREMENTS SET FORTH IN BASIS TWO.

The admissibility requirements expressed in the second base will be **accredited** in accordance with the following documentation:

- a. The nationality requirement shall be verified:
 - i. In accordance with Article 28 of Law 39/2015, of October 1, of the Common Administrative Procedure of Public Administrations, it is understood that the consent of the applicant, in favor of the University of Murcia, is granted to obtain the data corresponding to the DNI, unless express opposition expressed in the application for participation, being then necessary to add to this a copy of said document.
 - ii. In the case of persons of nationality other than Spanish who are nationals of member states of the European Union or of those states to which, by virtue of international treaties signed by the European Union and ratified by Spain, the free movement of workers is applicable in the terms defined in the Treaty establishing the European Union, by providing a copy of the passport, the NIE or, where appropriate, the document that in the applicant's state of origin has similar validity and effectiveness to that of the Spanish DNI.
 - iii. Whoever, whatever their nationality, is the spouse of a person of Spanish nationality or who is a national of another member state of the European Union, provided that they are not separated by law, or is a descendant of such person or of his/her spouse, provided, likewise, that they are not separated by law, are under twenty-one years of age or are dependents over twenty-one years of age, by providing a copy of the official identity document of their nationality (passport or similar to the DNI), or of the NIE, accompanied by a declaration of kinship and the requirements associated with it (living at the expense or being dependent on the national of another state with whom the kinship relationship exists); if applicable, non-existence of legal separation; etc.).
 - iv. In the case of a person lacking Spanish nationality who is not included in the above cases and who is in Spain legally or who may aspire to the postdoctoral contract in accordance with the provisions of the legislation on foreigners, a copy of the NIE and, if applicable, of the remaining administrative documentation certifying that he/she is authorized to reside and to access the Spanish labor market without limitations, or of the legal or regulatory documentation required by the legislation on foreigners, as the case may be, shall be provided.

In any of the cases of this letter a, the interested party shall provide a simple copy of the required documentation. If the contract is awarded in its favor, the contracting body will require the provision of the original or duly authenticated documentation that is not in the archives of the University of Murcia or to which the University of Murcia cannot access by virtue of the consent of the interested party. Said submission must be made within the term established for such purpose and said circumstance shall operate as a condition for the signing of the contract. If the required documentation is not submitted in due time or if it is not sufficient to accredit the concurrence of the requirement, it will be required to be corrected within a period of ten (10) working days, with a warning that, if the omission is not corrected in said time, it will be understood that the awardee waives the contract and its contracting proposal will be without effect.

- b. The age requirement shall not require any justification other than that resulting from the corresponding official identity document, provided that the date of birth of the person concerned is stated therein.
- c. The requirement of possessing the functional capacity shall not require proof at the time of application. The successful bidders shall provide the appropriate medical certification, issued by medical personnel rendering services in the National Health Service, as a necessary condition for the execution of the contract, within the term established for such purpose by the contracting body, and under the warning that the failure to provide it within the term or the concurrence of a medical report containing circumstances that prevent such functional capacity shall give rise to the understanding that the successful bidder waives the contract and the contracting proposal shall be null and void.
- d. In the case of the applicant who is awarded the contract after the initial resolution, the contracting body may carry out the appropriate investigation actions or may require the interested party to provide specific supporting documentation within a term to be set for such purpose, under the warning that if the documentation is not provided within the term indicated, or if it is insufficient to accredit the fact, or if the same results in the impossibility of signing the contract, it shall be understood that the person resigns from the contract and the contracting proposal shall be null and void.

FOURTH. INSTANCE OF PARTICIPATION. PRESENTATION.

The application for participation shall be submitted, through the Electronic Registry of the University of Murcia, by means of a "Basic Application" specifying the number, date and title of this resolution and which must be accompanied by the following documentation in PDF format:

- a) Abbreviated curriculum vitae (CVA) of the candidate following the standardized template CVA (AEI) that can be obtained through the FECYT Editor: <http://cvn.fecyt.es/editor> (maximum of four (4) pages).
- b) Document of the research project to be developed, including; title of the project, budget and brief report of the same, signed by the applicant, with the approval of the UMU Research Group that endorses the application (maximum 5 pages).
- c) Responsible statements in accordance with the models contained in Annexes III and IV duly signed, preferably by electronic signature capable of verification (it is advisable to submit them in a single pdf document).
- d) Acceptance document of the Group to be incorporated, duly completed (Annex V).

Only for people of foreign nationality who cannot access the Electronic Registry of the University of Murcia, the presentation of the corresponding application documentation may be made through the e-mail address posdocmarinas@um.es.

FIFTH. RULES COMMON TO THE THIRD, FOURTH, FIFTH AND SIXTH BASES.

Without prejudice to the special rules that, where appropriate, are provided for in these rules, the following will apply to any of the documents proving the admissibility requirements or the presentation of the application form:

- a. Those written in a language other than Spanish or English must be accompanied by the corresponding sworn translation. Submission shall be in electronic format, as specified in the fourth base.

- b. Its registration must be verified within the period for the formulation of requests for participation, without prejudice to the possibility of correcting deficiencies in accordance with these terms and conditions and the Law.
- c. The contracting body or, if applicable, the Hiring Committee may require any applicant, at any time during the selection process, to provide original documentation or an authentic copy of any of the documents submitted, in order to verify their correspondence and the consequent authenticity of the data contained therein, with the warning that failure to submit the required documentation within the period established for this purpose, which shall not be less than five (5) working days, shall result in exclusion from the selection process.
- d. The documentation to be submitted within the deadlines for correction established in these conditions or at the request of the contracting body or the Contracting Commission shall be submitted, in any case, through the Electronic Registry of the University of Murcia, or may be sent to the e-mail address posdocmarinas@um.es, if the applicant cannot access the aforementioned Electronic Registry.

SIXTH. NUMBER AND CHARACTERISTICS OF THE CONTRACTS.

- 1. One (1) postdoctoral contract is announced, destined to increase the number of qualified doctoral personnel in the line of action L3 "Blue Economy: innovation and opportunities" of the Complementary Plan for Marine Sciences.
- 2. The link with the University of Murcia will be through the formalization of an employment contract under the provisions of the applicable legislation in force.
- 3. Also, up to a maximum of 20,000.00 € will be granted for the execution of the research project presented. The aforementioned project shall include a report with a budget section indicating, in detail, the expenditure items necessary for its development, which may not include personnel expenses or inventoriable material. This amount shall be made available to the beneficiary at the beginning of the contract, and expenses may be charged throughout the term of the aid.
- 4. In case that, there are not enough applicants or that the applicants do not reach the minimum qualification required to pass the selection process, in accordance with the provisions of the seventeenth base, the call for applications may be declared void.
- 5. The contract shall have a minimum duration of one (1) year and may be extended until 30/09/2025.
- 6. The contract will be concluded in writing between the postdoctoral researcher, as an employee, and the University of Murcia, as an employer.
- 7. The contract will be for full time.
- 8. By virtue of the postdoctoral contract, the contracted person will be linked to the University of Murcia, with both parties assuming the contractual obligations arising therefrom. During the contractual period, the researcher and, if applicable, the University of Murcia will be entitled to all the labor and social benefits inherent to the labor contract signed.
- 9. Temporary absences from the centre of assignment must be previously authorized by the Vice Rector responsible for research, who may obtain the reports that, if necessary, he/she deems appropriate for this purpose. To this effect, the interested party shall formulate a reasoned request, which must be submitted sufficiently in advance for its processing, set at no less than fifteen (15) working days before the beginning of the corresponding absence.

Authorizable absences shall only be those whose immediate purpose is related to the activities of the postdoctoral contract, for which purpose the request shall be accompanied by a detailed report of the activities to be carried out during the absence.

10. The postdoctoral contracted person is subject, by virtue of their employment relationship of services, to the disciplinary regime provided for in the II Collective Labor Agreement of Teaching and Research Staff Hired Labor of the Public Universities of the Region of Murcia, dated January 1, 2016.

SEVENTH. FINANCING CONDITIONS

The University of Murcia will assume the total cost of the contracting and the amount granted for the execution of the proposed research project, charged to the budget of the *ThinkInAzul* project, actuation line L3 'Blue Economy: innovation and opportunities', for a maximum amount of 82,267.93 euros, depending on budgetary availability and charged to the following budget item:

Budgetary Item: 08 002B 541A 64207 Project 37061.

EIGHTH. ALLOCATION AND PAYMENT

In accordance with the provisions of the II Collective Labor Agreement of Teaching and Research Personnel Hired Labor of the Public Universities of the Region of Murcia, the labor costs of these contracts are equal to those made in favor of personnel with the category of "Hired Doctor type A", in accordance with the provisions of the aforementioned collective agreement, may include, depending on the origin of the beneficiary, a monthly allowance of up to 400,00 euros, for mobility expenses and 300,00 euros for the transfer of dependent family.

NINTH. DEADLINE FOR SUBMISSION OF APPLICATIONS.

1. The period for the presentation of applications for participation in the selective process shall begin at zero (0) hours on the day following the publication of the call for applications at *BORM* or as base fourth states, by email, and shall last until 23.59 hours (peninsular time) on September 15th, 2023.
2. Each applicant will be responsible for the veracity of the data contained in the application form and those resulting from the attached documentation, however, authentic documentation will not be required in all cases. The concealment or falsification of such data shall determine the exclusion from the selective process, after hearing the affected person for a period of five (5) working days.
3. If the concealment or falsehood is detected after the signing of the employment contract, disciplinary proceedings shall be opened, and the contract may be terminated for this reason. If the fault is related to authentic documentation provided in the process after the award and prior to contracting, the facts shall be brought to the attention of the Public Prosecutor's Office, if appropriate.
4. Only one application per applicant for this call will be accepted. Infringement of this rule will result in the exclusion of all applications submitted by the same applicant.

TENTH. ADMISSION OF APPLICATIONS FOR PARTICIPATION.

1. At the end of the period for the presentation of applications, the Hiring Committee, through the Research Area, shall proceed to examine the applications registered.
2. For this purpose, it shall verify the concurrence of the admissibility requirements set forth in Basis Two, which may require the correction of the corresponding applications, if applicable.
3. Subsequently, the Hiring Committee, having reviewed the applications and possible corrections, shall proceed to propose to the contracting body the approval and publication of a provisional list of admitted and excluded applicants, indicating, with respect to the latter, the cause of exclusion and whether it can be corrected or cannot be corrected.
4. In the same resolution, a period of ten (10) working days shall be established for the provisionally excluded applicants to correct any deficiencies that may be rectified, with the warning that, if they fail to do so, they shall be definitively rejected.
5. Once the aforementioned period has elapsed, the Contracting Committee shall propose to the contracting body to approve and make public the definitive list of candidates admitted and excluded, reiterating, with respect to the latter, the cause or causes of inadmissibility that are present.
6. The resolution approving the aforementioned definitive list may not invoke causes of exclusion that had not been previously set forth individually in the provisional resolution of admitted and excluded applicants.
7. In the event that there are no applicants with respect to whom the provisional exclusion is appropriate, a definitive decision shall be issued directly regarding the applicants admitted. The same shall be observed if all the applicants excluded are excluded due to defects that cannot be rectified.

ELEVENTH. CONTRACTING COMMISSION.

1. In the same resolution by which the definitive list of candidates admitted and excluded is published, the contracting body shall also agree and make public the composition of the Hiring Committee that shall act as the assessment body for the process.
2. The Hiring Committee, with the pertinent modifications in accordance with subsequent mandatory rules, shall be made up of:
 - a. The Vice Chancellor with competence in research of the University of Murcia, who will act as President.
 - b. The general research coordinator of the University of Murcia, who will act as vice-president.
 - c. Three (3) members, who will be experts in the lines of action of the *ThinkInAzul* project.
 - d. A civil servant belonging to the Research Area who will act as secretary.
3. The Hiring Committee shall endeavour to have a balanced composition of male and female Ph.
4. For the purposes of communications and incidents, the Hiring Committee shall have its headquarters at the Office of the Vice-Rector for Research of the University of Murcia, Research Area (e-mail: posdocmarinas@um.es).

5. The members of the Hiring Committee shall refrain from intervening, notifying the contracting body, if any of the reasons for abstention provided for in Article 23 of Law 40/2015, of October 1, apply to them, and may be challenged by the applicants, for the same reasons, at any time during the processing of the procedure and in accordance with the provisions of Article 24 of the same law. For these purposes, the circumstance of having been personal director, co-director or tutor of doctoral thesis of any of the applicants will be considered as direct interest.
6. The Hiring Committee shall be constituted, upon convocation by the Chair, with the necessary attendance of the Chairperson, the Secretary and two (2) members. Once the Contracting Committee has been constituted, there shall be no room for substitutions, except in the case of duly justified inability to act or in the case of appropriate recusal subsequent to the constitution of the Contracting Committee, if any of these circumstances entail the risk of lack of quorum in successive sessions, in which case the contracting body shall provide the necessary substitutions, with respect to which the same abstention and recusal regime indicated in section 5 shall apply.
7. After its constitution and in order to act validly in subsequent sessions, the Contracting Committee shall require as a quorum the presence of the Chairman, the Secretary and at least two (2) members. In the event of the absence of the persons holding the office of Chairman or Secretary at a specific meeting or meetings, they shall be substituted and shall act as such, in the case of the Chairman, by the member with the greatest seniority in public employment, and, for the Secretary, by the member with the least seniority in public service. In such case, the person acting as alternate shall not be counted for the purpose of obtaining the presence of at least two (2) members. The procedure of the Recruitment Committee shall at all times comply with the provisions of Laws 39 and 40 of 2015, of 1 October, concerning, respectively, the procedural provisions, insofar as they are applicable to public employment selection processes, and its status as a collegiate body and the correlative operating guidelines.
8. The functions of the Hiring Committee are
 - a) To resolve any doubts that may arise in the application of the rules governing the call for applications, including its bases, as well as what should be done in the cases not foreseen therein.
 - b) To carry out the tasks entrusted to it in accordance with this call, particularly those indicated in this basis and in basis thirteen.
9. The Hiring Committee may not propose that a greater number of applicants have passed the selection process than the number of contracts called for. Any proposal of successful candidates that contravenes the provisions of this basis shall be null and void.
10. In the event of possible administrative appeals against the decisions of the Hiring Committee that may be subject to independent challenge, it is hereby stated, for information purposes, that the hierarchical superior of the Hiring Committee is the Rector of the University of Murcia.

TWELFTH. PUBLICATIONS

For the purposes provided for in Article 45 of Law 39/2015, of October 1, any subsequent communications to which this call gives rise and which must be notified to the interested parties, shall be made by publication of the act or resolution in question on the Official Bulletin Board of the University of Murcia (TOUM), replacing the personal notification and having the same effects.

THIRTEENTH. EVALUATION OF APPLICANTS AND RESOLUTION OF THE PROCEDURE.

1. The selection of candidates will be carried out on a competitive basis. For this purpose, the scientific-technical evaluation of the applications submitted will be carried out by a panel of scientists of recognized prestige, external to the University of Murcia, who will issue an individualized and reasoned report for each of the evaluations carried out. The evaluation criteria will be those established in the fourteenth base.
2. Once the evaluation has been concluded, the reports will be sent to the Hiring Committee, which, in view of the same, will propose to the hiring body to publish a list of the applicants evaluated, in the order of their classification, by means of a resolution that will grant a period of ten (10) working days for the formulation of allegations, and which will contain a provisional proposal for hiring in favor of the selected applicants, as well as the amount granted in each case for the execution of the proposed research project.
3. At the end of the period of allegations, the Hiring Committee, after studying them, if applicable, shall formulate to the contracting body a definitive proposal for the hiring of the selected candidates, which shall be published. The final hiring proposal will include, listed in order of qualification, all the applicants evaluated in the selection process, as well as the amount respectively granted for the execution of the research project presented. Said proposal, together with the allegations presented, the report on the same made by the Contracting Commission and the file as a whole, will be submitted to the contracting body for the adoption of the appropriate final decision.
4. In any of the cases, the lack of presentation of allegations within the periods established for this purpose shall allow the provisional proposal to be considered as definitive, which shall be expressly stated in the proposal.
5. The Hiring Committee may not propose the hiring of a greater number of applicants than the number of contracts called. However, the proposal shall also include a list of alternate applicants, classified in the corresponding order, who would be called to be hired in the event that the selected applicant should not be hired, whether of his/her own free will or for any other reason, as well as in the event that, within the first six (6) months of the duration of the contract, he/she should cease to be hired for any reason whatsoever.
6. The contracting body shall issue a resolution in accordance with the proposal of the Contracting Committee, unless, if appropriate, it deems it appropriate to consider the allegations, in which case it shall issue a decision based on what it considers to be in accordance with the law.
7. The definitive resolution of the procedure will establish the appropriate period for the selected persons to provide the Human Resources and General Services Department of the University of Murcia with the documents required in accordance with the call for applications, as well as to sign the employment contract and the date or period of incorporation to the corresponding job position.

FOURTEENTH. APPLICABLE EVALUATION CRITERIA

The evaluation of the applicants shall be verified according to the following criteria:

A. Scientific-technical merits of the candidate referred to the last five years:

A.1. Trajectory and scientific-technical contribution of the candidate through articles published in indexed scientific journals, books or chapters of scientific and technical books, participation or direction of research projects and papers presented at relevant congresses in the area of knowledge. The international dimension of the applicant's research activity will also be considered, including mobility, stays in international R&D&I centres, participation in international

projects, participation as referee or editor in international indexed journals, etc.

This section will also value the activity of transfer of research results accredited through the development of research under contracts signed within the framework of Article 83 of the Organic Law of Universities (*LOU*), patents granted or licensed, scientific entrepreneurship activity and, in general, other relevant results of their scientific, technical, and innovative activity.

Scoring: from 0 to 35 points.

A.2. Capacity of the applicant to lead his/her line of research, based on scientific and professional experience as well as independence in his/her career. It will be assessed through aspects such as the direction of research work (direction of researchers in training, doctoral theses, etc.), relevance and recognition of their line of research (invitation to international congresses, plenary lecturer, awards, mentions and distinctions), ability to obtain resources and any other aspect that allows to assess merits related to independence, relevance and leadership in the proposed line of research.

Scoring: from 0 to 10 points.

Total score for section A: Up to a maximum of 45 points.

B. Proposal of research activity to be carried out at the University of Murcia:

The quality, originality and scientific-technical interest and innovative nature of the research project to be developed and its objectives, work plan and contribution of the proposal to the achievement of the results of the Complementary Plan of Marine Sciences will be evaluated, with special analysis of the ability to achieve the objectives in the time of validity of the contract and its contribution to the milestones defined in the line "L3-Blue Economy: innovation and opportunities".

The evaluation will also include the analysis of the budget presented for the execution of the project, in terms of its adequacy to the proposed objectives.

The research proposal will have to indicate how the tasks, milestones and results of the action identified in Annex I will be addressed.

Total score for section B: Up to a maximum of 40 points.

C. Impact on the Complementary Marine Science Plan:

This section will assess how the project and the candidate will enhance the lines and actions of the Complementary Marine Science Plan of the Region of Murcia (Annex II), not only in the line and action to which it is directed, but also in other lines and/or actions. As far as possible, the research proposal should contribute to seek synergies with other actions of the program and the achievement of additional milestones.

Scoring: 0 to 15 points.

Total score for section C: Up to a maximum of 15 points.

FIFTEENTH. - MINIMUM SCORES REQUIRED TO PASS THE SELECTIVE PROCESS.

In order to pass the evaluation, it will be necessary to obtain a minimum of 75 points, being rejected

the applications that obtain a lower score. In addition, the individual score in each of the three sections (A, B and C) must be at least 50% of the maximum possible score in each of them.

SIXTEENTH - SCOPE OF THE SCORES AND CRITERIA IN CASE OF A TIE.

In the event of a tie in the score corresponding to the selective process as a whole and which would be decisive for the hiring or for the priority on the waiting list, the following criteria shall be applied:

- a. In the first place, the qualification resulting from letter A of the fourteenth base shall be taken into account. If a tie persists, the score resulting from letters B and C, in that order, of the same basis shall be used.
- b. If the situation of equality were total after the application of the diriment criteria expressed in the previous letter, the following rules shall be applied:
 - i. If the situation of a tie is decisive for the assignment of the contract, the assignment shall be made according to the priority resulting from the alphabetical order of the first or only surname of each applicant, in accordance with the resolution of May 9, 2022, of the Secretary of State for Civil Service, by which the result of the draw referred to in the General Rules of Entry of Personnel in the Service of the General Administration of the State is published: letter U.
 - ii. If the situation of a tie were to determine the assignment of a place on the waiting list, the alphabetical order of the first or only surname of each applicant shall be used, in accordance with the provisions of sub-section i.

SEVENTEENTH - OBLIGATIONS OF THE SUCCESSFUL BIDDERS.

1. The person awarded the employment contract shall be subject to the following obligations, the satisfaction of which shall be a condition for the effective hiring and the commencement of the rendering of services:
 - a. To provide the pertinent documentation before the Human Resources and General Services Area of the University of Murcia, in accordance with the chronological and substantive conditions set forth in this call and in the final resolution of the procedure.
 - b. Sign the employment contract on the date and within the term or within the term indicated in the final resolution of the procedure.
2. Failure to comply with any of the obligations referred to in paragraph 1 shall be considered as a waiver of the awarded contract, unless there is a justified cause of material impossibility for a period not exceeding fifteen (15) working days, in which case the appropriate communication must be sent to the Human Resources and General Services Area of the University of Murcia, as soon as the reason for the impossibility is established and accompanied by sufficient supporting documentation. In this case, a postponement may be granted for the time prudently necessary for this purpose.

3. Once the employment contract has been signed, the postdoctoral contract holder shall be subject to the following obligations:

- a. To join the research activity on the date, within the period or within the term indicated in the final resolution of the procedure or, as the case may be, in the employment contract. Failure to join within the time period established for this purpose may be considered as unilateral termination of the contract, unless there is a well-founded cause relating to the material impossibility of joining due to temporary disability, maternity or paternity or other similar situations in accordance with the law.
- b. Those inherent to the legal regime of the postdoctoral contract, in accordance with the regulations governing the same.
- c. To join the UMU Research Group that endorsed the application.
- d. The Hiring Committee may request, during the term of the contract, the presentation of reports on the state of the research for its evaluation, which, if a favourable report is not obtained, may result in the termination of the contract.
- e. In any case, the research tasks carried out by the postdoctoral contracted person must comply with the general and, where appropriate, specific instructions issued by the competent bodies of the University of Murcia in relation to technical, safety and control aspects. Likewise, it must comply with the provisions of international principles and current regulations on bioethics, animal experimentation, biosafety, chemical safety, environmental protection, natural heritage and biodiversity, and data protection.

Publish this resolution in the Official Bulletin Board of the University of Murcia, letting the interested parties know that, in accordance with the provisions of Chapter II of Title V of Law 39/2015, of October 1, of the Common Administrative Procedure of Public Administrations, in Article 46 and concordant of Law 29/1998, of July 13, regulating the Contentious-Administrative Jurisdiction and in Article 20 of the Statutes of the University of Murcia, approved by Decree 85/2004, of August 27, 2004, may file an appeal for reversal before the Rector of the University of Murcia, within a period of one month, or, directly, a contentious-administrative appeal before the Contentious-Administrative Court of Murcia, within a period of two months, in both cases, from the day following the day of notification or publication and without prejudice to the possibility of filing any other appeal that may be appropriate to their rights.

A contentious-administrative appeal may not be filed until it has been expressly resolved or the appeal for reconsideration, if any, has been presumptively dismissed.

The Rector, José Luján Alcaraz.

ANNEX I

Action on which the applicant must develop his/her research activity.

Candidates must define a research project that develops the action indicated in this annex. This project should allow achieving the results identified for the action in question, and as far as possible contribute to seek synergies with other actions of the Complementary Plan for Marine Sciences in the Region of Murcia, which can be consulted in Annex II.

In addition, the person to whom the aid is granted must participate in the dissemination of the results obtained, while committing to provide the necessary information for the required justification of the activities carried out within the framework of the Complementary Marine Science Plan.

Line of action 3: Blue economy: innovation and opportunities.

A 3.2 Generation of dynamic competitiveness assessment systems in the blue economy sector through the design of indicator systems and data visualisation: analysis of marine microbial biodiversity related to biotechnological applications.

Results:

- Identification of sustainable actions related to the blue economy through improvement in applied marine-maritime research, knowledge transfer and application of new technologies and processes (in maritime and coastal tourism, marine biotechnology, use and exploitation of marine resources, development of new vessels, maritime transport, sustainable fishing, digitalisation).

Profile:

- Expert in metagenomic and genomic analysis of microbial biodiversity for the development of biotechnological applications.

ANNEX II

List of specific Tasks (T) and Milestones (H), in Line of Action 1 (L1), being developed by the University of Murcia in the Complementary Plan of Marine Sciences of the Region of Murcia.

Applicants should take into account this information to develop their project.

Línea de actuación 1 - Observación y Monitorización del medio marino y litoral	
A1.1 Implementation and enhancement of observation platforms	<p>T1: Development of communication protocols and procedures between different sensors and platforms.</p> <p>T2: Integration of different marine technologies in existing (buoys, observatories, ships...) or new (e.g. autonomous underwater vehicles) multi-sensor observation platforms.</p> <p>H: Upgrading of existing observation platforms (M18).</p>
A1.2 Infrastructure provision plan	<p>T1: Development of new fixed and mobile multisensor observation facilities.</p> <p>T2: Provision of essential infrastructure to complement existing physical observation platforms.</p> <p>H: Investment in infrastructure and integration with new tools (M18).</p>
A1.3 Development of new environmental monitoring technologies	<p>T1: Development of new innovative automation technologies to improve our marine observation capabilities to increase the quantity and quality of data collected. Development of new technologies for massive and systematic data collection and automated and continuous monitoring.</p> <p>T2: Design of new techniques for the study of ocean dynamics, habitat characterization, biodiversity, etc. Study of the context of global change and in singular ecosystems and integration with proposed solutions.</p> <p>H: Development of new methodologies for monitoring environmental variables that will promote a better understanding of the marine environment (M24).</p>
A1.4 Development of new technologies for monitoring of living resources	<p>T1: Development and application of advanced genomics technologies for the estimation of critical population and biological parameters for resource management. Development of non-invasive population sampling systems and morphometric measurements.</p> <p>T2: Use and combination of Internet of Things (IoT) and new GNSS networks such as GALILEO and Copernicus products and services for the study of vulnerable ecosystems and climate change effects.</p> <p>H: Development of new methodologies for monitoring living resources that will promote the sustainability of the exploitation of their resources (M24).</p>
A1.5 Integrated Marine Data Platform	<p>T1: Definition of interoperability mechanisms with other existing platforms at European and international level and will be developed under the principles of Open Science (FAIR principles, https://www.go-fair.org/fair-principles/).</p> <p>T2: Creation of a distributed data storage and access platform interoperable with other existing platforms. Definition of data model standards that allow the unification of information.</p> <p>H: Creation of a platform for storage and access to data related to the marine environment: in situ information from the various observation platforms. (M27).</p>

<p>A1.6 Advanced analytical techniques for complex data</p>	<p>T1: Integration of data from different sources and nature, modeling and generation of decision support tools. Development and implementation of simulation models to be integrated into the platform.</p> <p>T2: Development and implementation of digital systems that integrate the information acquired by applying big data tools, artificial intelligence, machine learning, and other approaches based on data science.</p> <p>H: Generation of new complex analytical tools applied to the use of massive marine data (M30).</p>
<p>A1.7 Developing a Marine Observation Strategy</p>	<p>T1: Incorporation of the observation platforms and surveillance networks proposed in the different lines of action.</p> <p>T2: Definition of a large-scale monitoring program that incorporates improvements in the current monitoring programs in terms of spatial and temporal coverage.</p> <p>H: Generation of a system of tools based on observations, data analysis and numerical models to improve resource management and land use planning and management of the marine environment in its broadest sense (M33).</p>
<p>A1.8 Development of products and services for decision making</p>	<p>T1: Generation of tools integrating observational data, numerical models and the application of big data and artificial intelligence techniques.</p> <p>T2: Design of early warning systems against risks and threats and assessment of the environmental impact of different human activities on the marine and coastal environment.</p> <p>H: Generation of a system of tools, based on observations, data analysis and numerical models that allow early warning mechanisms against risks and threats (M 33).</p>
<p>A1.9 Strategies to Strengthen Marine Ecosystem Resilience</p>	<p>T1: Development of protocols and action plans to reduce vulnerability and increase the resilience of ecosystems and an interregional monitoring network in marine protected areas, in unique ecosystems.</p> <p>T2: Development of restoration and bioremediation programs for impacted ecosystems and decision making for the mitigation of environmental impacts.</p> <p>H: Generation of a national marine and coastal monitoring network including the implementation of coastal surveillance networks (M36).</p>
<p>A1.10 Implementation of a coordinated in-situ coastal monitoring service.</p>	<p>T1: Design of a monitoring system based on intensive monitoring over time, extensive spatial monitoring, and identification of impacts and search for solutions on the coast.</p> <p>T2: Deployment of a network of continuous monitoring stations on the coast, in estuaries and large river basins for the monitoring of physical, chemical, biological and ecosystemic variables. Support for experimental research on key species/habitats.</p> <p>H: Generation of a national marine and coastal monitoring network including the implementation of coastal surveillance networks (M36).</p>

List of specific Tasks (T) and Milestones (H), in Line of Action 2 (L2), being developed by the University of Murcia in the Complementary Plan of Marine Sciences of the Region of Murcia.

Applicants should take into account this information to develop their project.

Línea 2 - Sustainable, intelligent and precision aquaculture	
A 2.1. Crop diversification	<p>T1: Promotion of research and production lines for species of high commercial value.</p> <p>T2: Preservation of threatened or vulnerable species, and their restoration or reinforcement of natural populations.</p> <p>H: Implementation of a group of experts, at national level, for Innovation and Transfer in Aquaculture (M6).</p>
A2.2 Physiology, pathology and reproduction studies of farmed fish	<p>T1: Investigation of the rhythmic control of physiological processes and their modulation by environmental factors in model and aquaculture species.</p> <p>T2: Improvement of knowledge on processes affecting development, growth, quality of clutches and progeny, and animal health and welfare.</p> <p>H: Strengthening the capacity for technology transfer and scientific-technical knowledge in aquaculture through the cataloguing of infrastructures and capacities, the organisation of the portfolio of technological offer and the evaluation of its potential, including the identification of needs and priorities for the future (M12).</p>
A.2.3 Improving knowledge of the biology and culture of crustaceans, molluscs, echinoderms and other taxonomic groups	<p>T1: Knowledge of the biology, pathologies and relevant physiological aspects.</p> <p>T2: Enhancement of their use as food and their potential use to generate bioproducts or for their role in IMTA (Integrated Multi-Trophic Aquaculture) systems.</p> <p>H: New tools and indicators for the evaluation and improvement of animal health and welfare, nutritional status, production efficiency based on circular economy criteria and eco-intensification of production, quality and food safety of the final product and resilience to stress factors associated with climate change (thermal stress, oxygen availability, acidification of the environment, recurrent and emerging pathologies, presence of biotic and abiotic pollutants, etc.) (M36).</p>
A.2.4 Enhancement of macroalgae cultivation	<p>T1: Integration in IMTA configurations for the evaluation of their bioremediation potential (removal of nutrients and heavy metals).</p> <p>T2: Promotion and encouragement of sustainable algae production, technical advice for the creation of algae cultivation parks on land, estuaries and sea. Participation in the network of actors to be defined in activity L3.</p> <p>H: Implementation of protocols for the study of algae species especially adapted to climate change, promoting the diversification of cultivation towards native species, of low trophic level and/or high economic value (M36).</p>
A2.5 Promotion of microalgae cultivation	<p>T1: Improving knowledge of the biology and physiology of these organisms.</p> <p>T2: Obtaining through biotechnological applications of biomass and new non-food products, as well as to solve challenges related to climate change.</p>

	<p>H: Implementation of protocols for the study of microalgae species specially adapted to climate change, promoting the diversification of cultivation towards native species of low trophic level and/or high economic value (M36).</p>
A.2.6 Incentivise research and development of non-conventional farming systems for fish, molluscs and other taxonomic groups	<p>T1: Incentivise research and development of fish and plant culture systems in aquaponics-BIOFLOC. T2: Cultivation of fish, molluscs and other taxonomic groups in IMTA (offshore and onshore) and recirculating systems (RAS). H: New opportunities for sustainable farming and diversification based on the adaptation and improvement of IMTA systems (offshore and onshore IMTA-RAS) to the production possibilities in each territory (M36).</p>
A.2.8 Promote the activity carried out in the existing marine ICTS-ICAR in the Region of Murcia	<p>T1: Enhancement of the activity carried out in the marine ICTS-ICAR in the region of Murcia (Bluefin Tuna Farming Infrastructure). T2: Optimisation of fisheries management and production processes through integrated aquaculture techniques. Collaboration with the models to be defined in the digital twin activity. H: New opportunities for sustainable farming and diversification based on the adaptation and improvement of IMTA systems (offshore and onshore IMTA-RAS) to the production possibilities in each territory (M36).</p>
A.2.9 Improvement of fish farming systems	<p>T1: Development of more efficient and sustainable feeds especially during the larval stage and in juveniles, and optimisation of environmental factors and chronobiological control. T2: Optimisation of production by integrating intelligent techniques (ML, Big Data) through genetic improvement, animal welfare and the prevention and control of pathologies with diagnostic tools, treatments and novel technologies. H: Development and validation of new technological, organisational and territorial planning solutions for the comprehensive monitoring of aquaculture activity, mitigation of the negative effects of aquaculture on natural ecosystems, appropriate selection of new sites, improvement of compatibility with other uses and adaptation of structures and culture systems to prevent escapes and the devastating effects of cyclogenic phenomena (M36).</p>
A.2.10 Improvement of bivalve culture systems at all stages of the production process, both in the wild and in hatcheries.	<p>T1: Development of new microbial management processes from an ecology and (eco) systems biology approach in IMTA-RAS systems, and the combination of new materials with novel treatments and technologies for sanitisation/disinfection of the facilities. H1: Ensuring larval self-sufficiency for the culture of bivalves and other species of commercial interest, based on improved knowledge of dispersal, connectivity and larval abundance, recruitment and improvements in catchment and culture systems, especially but not exclusively in the hatchery phase (M36). T2: Genetic improvement and implementation of population monitoring and larval recruitment systems for species of commercial interest to ensure seed supply for sustainable aquaculture and shellfish production. H2: New opportunities for sustainable cultivation and diversification based on the adaptation and improvement of IMTA systems (offshore and onshore IMTA-RAS) to the production possibilities in each territory (M36).</p>
A.2.11 Improving knowledge of crop welfare and developing systems to monitor continuously and reliably	<p>T1: New welfare indicators under normal farming conditions and during the slaughter process (where appropriate). T2: Development of strategies to improve feed intake and utilisation, growth, reproduction and health status (susceptibility to diseases) of farmed fish. H: Development and validation of new technological and organisational and territorial planning solutions for comprehensive monitoring of aquaculture activity, mitigation of negative effects of aquaculture on natural ecosystems, appropriate selection of new sites, improvement of compatibility with other uses and adaptation of structures and culture systems to prevent escapes and devastating effects of cyclogenic phenomena (M36).</p>
A.2.12 Improving fish nutrition and feeding through the use of new feed formulations	<p>T1: Use of new feed formulations based on mixtures of alternative raw materials and dietary supplements (probiotics, prebiotics, symbiotics,</p>

	<p>probiotics), validated throughout the production cycle with zootechnical and behavioural data.</p> <p>T2: New tools for molecular biology and monitoring of the microbiota as a marker of the general state of the fish.</p> <p>H: New tools and indicators for the evaluation and improvement of animal health and welfare, nutritional status, production efficiency based on circular economy criteria and eco-intensification of production, quality and food safety of the final product and resilience to stress factors associated with climate change (thermal stress, oxygen availability, acidification of the environment, recurrent and emerging pathologies, presence of biotic and abiotic pollutants, etc.) (M36).</p>
<p>A.2.13 Generation of new aquaculture feed ingredients from the valorisation of fish discards and other by-products</p>	<p>T1: Generation of animal feed from the valorisation of fishery discards and by-products (of plant or animal origin).</p> <p>T2: Obtaining compounds of interest for the health and nutrition of farmed species, through the application of biotechnological tools.</p> <p>H: Implementation of warning systems, early detection and prediction of biological risks (anthropogenic pollutants, toxins, blooms of microalgae and jellyfish, etc.), of devastating natural phenomena and of recurrent and emerging aquatic pathogens in a context of global change (M36).</p>
<p>A.2.14 Fish and mollusc population genetics studies, together with the use of assisted genetic selection techniques, development of multi-species SNP chips, functional genomics, proteomics, and metagenomics.</p>	<p>T1: Development of multispecies SNP chips, functional genomics, proteomics, and metagenomics to promote the sustainable management of natural and farmed populations (fish, crustaceans and molluscs).</p> <p>T2: Selection of lines or breeds that are resistant (to environmental stress and pathogens) or more efficient in the elimination of biotoxins. Traceability throughout the food chain and the conservation of biodiversity and genetic variability.</p> <p>H: Creation of an Aquaculture Big Data Platform for massive and integrated processing and analysis of data from the marine environment and farmed organisms with the capacity for learning and direct support for decision-making (artificial intelligence) (M36).</p>
<p>A.2.15 Establishment of biosanitary measures and design of protocols and other specific control measures (vaccines, prebiotics, probiotics, alternative treatments, etc.).</p>	<p>T1: Design of protocols and specific control measures (vaccines, prebiotics, probiotics, alternative treatments, etc.).</p> <p>T2: Mitigation of the effects of climate change and intensification of fish farming due to pathogens (recurrent and emerging).</p> <p>H: Implementation of warning systems, early detection and prediction of biological risks (anthropogenic pollutants, toxins, blooms of microalgae and jellyfish, etc.), of devastating natural phenomena and of recurrent and emerging aquatic pathogens in a context of global change (M36).</p>
<p>A.2.16 Strategies and technologies for prediction, mitigation and control of emerging and recurrent contaminants</p>	<p>T1: Research on emerging pollutants.</p> <p>H: Implementation of warning systems, early detection and prediction of biological risks (anthropogenic pollutants, toxins, blooms of microalgae and jellyfish, etc.), devastating natural phenomena and recurrent and emerging aquatic pathogens in a context of global change (M36).</p>
<p>A.2.17 Development and implementation of new technological solutions for the automation of crop infrastructure maintenance and digitisation</p>	<p>T1: Integration of the results of platforms (omics, technological and environmental) for a more detailed understanding of the effects of climate change on crops and to mitigate carbon emissions, leakage, eutrophication and pollution of the marine environment.</p> <p>T2: Proof-of-concept testing of new (regionally adapted) engineering solutions to mitigate the effects of climate change on aquaculture infrastructures and production. Integration of results in integrated platform for connection with modelling systems.</p>

	<p>H: Development and validation of new technological, organisational and territorial planning solutions for the integrated monitoring of aquaculture activity, mitigation of the negative effects of aquaculture on natural ecosystems, appropriate selection of new sites, improvement of compatibility with other uses and adaptation of structures and culture systems to prevent escapes and devastating effects of cyclogenetic phenomena (M36).</p>
A.2.18 Improving the adaptive capacity of aquaculture production to climate change and strategies to mitigate the effects of climate change on the industry	<p>T1: On the activity in terms of spatial planning and intelligent management of facilities.</p> <p>H: Creation of an Aquaculture Big Data Platform for massive and integrative processing and analysis of data from the marine environment and farmed organisms with the capacity for learning and direct support for decision-making (artificial intelligence) (M36).</p>
A.2.19 Improving traceability and diversification of supply through new product development	<p>T1: Development of new products that are more sustainable, attractive, easy to use, safe, competitive, healthy and of high quality, transformed, with active and intelligent biodegradable packaging systems, with new lines and areas of commercialisation, and new uses such as biotechnological applications of cultivated organisms.</p> <p>T2: Physico-chemical and sensory characterisation of new species and consumer acceptance, market research, forecasting and positioning of new species.</p> <p>H: Markets/Economics. Improvement of the capacity to design market strategies, through the use of market evolution simulation tools, contemplating the production value chain and trends, accessing to the realisation of projections of the economic, social and legal impact derived from the incorporation of new technologies in the aquaculture sector (M36).</p>
A.2.20 Improving environmental culture, transparency and the perception of aquaculture by all levels of society	<p>T1: Facilitate the introduction and consolidation of safe and quality aquaculture in the market. Collaboration with L3 in the integration of dissemination activities.</p> <p>T2: Design of innovation mechanisms linked to the commercialisation of blue tourism resources and products and associated Marketplace models.</p> <p>H: Use of transparency criteria in the assessment of Environmental Sustainability to show society the need for conservation of the marine environment and the contribution of aquaculture as part of the solution to mitigate the effects of climate change (M36).</p>

List of specific Tasks (T) and Milestones (H), in Line of Action 3 (L3), being developed by the University of Murcia in the Complementary Plan of Marine Sciences of the Region of Murcia.

Applicants should take into account this information to develop their project.

Línea de actuación 3 – Blue economy: innovation and opportunities	
A3.1 Development of integrated management platforms for information, marketing of blue tourism resources and products	<p>T1: Research on the identification of the different profiles associated with Blue Tourism through the use of data science. Development of tools to promote coastal destinations from different aspects.</p> <p>T2: Design of innovation mechanisms linked to the commercialisation of blue tourism resources and products and associated Marketplace models.</p> <p>H: Action plan to strengthen marine innovation ecosystems in all the territories of the programme, reflected in an increase in public-private collaboration;</p>

	<p>knowledge transfer agreements; the development of new products, services and technology-based companies and the generation of employment. (M18)</p>
<p>A3.2 Generating dynamic assessment systems for the competitiveness of the blue economy sector through the design of indicator systems and data visualisation</p>	<p>T1: Definition of indicator systems, dashboards and data visualisation linked to A3.1 activities.</p> <p>T2: Decision-making systems for companies and administrations based on the identified indicators.</p> <p>H: Identification of sustainable actions related to the blue economy through the improvement of applied marine-maritime research, knowledge transfer and the application of new technologies and processes (in maritime and coastal tourism, marine biotechnology, use and exploitation of marine resources, development of new vessels, maritime transport, sustainable fishing, digitalisation). (M24).</p>
<p>A3.3 Promotion of marine renewable energies</p>	<p>T1: Study and analysis of their impact on unique regional areas.</p> <p>T2: Development of proofs of concept and pilot experiences of innovative solutions in marine renewable energy management.</p> <p>H: Design of an integrated maritime policy and marine-maritime spatial planning, in collaboration with the Autonomous Regions, which will enable the optimisation and compatibility of uses, guaranteeing sustainability (M36).</p>
<p>A3.4 Promoting sustainable maritime transport</p>	<p>T1: Study of alternatives for the use of more sustainable and efficient vessels (fishing, etc.).</p> <p>T2: Research on fishing systems using efficient technologies for discard management.</p> <p>H: Awareness-raising activities for society in general and public-private actors on the development of sustainable activities in the marine environment and in the priority sectors of the blue economy, without forgetting the social and economic role of sustainable fishing activity (M33).</p>
<p>A3.5 Improving the Management and Sustainable Development of Coastal Aquifers</p>	<p>T1: Research and implementation of solutions to improve efficiency in the management, use and decision-making on water resources in coastal aquifers in the region.</p> <p>T2: Development of strategies to exploit these resources in a sustainable manner.</p> <p>H: Development of strategies and tools (including new governance designs, digital tools, etc.) to stimulate the adoption among users/beneficiaries of new knowledge and technologies, with the involvement of the whole society, through citizen science tools and the establishment of learning communities. (M27)</p>

<p>A3.6 Integration of socio-economic information into decision-making processes on uses of marine space and potential areas of conflict</p>	<p>T1: Carrying out studies and socio-economic assessment of the planning of the uses of the marine space in the region.</p> <p>H1: Design of an integrated maritime policy and marine-maritime spatial planning, in collaboration with the Autonomous Regions, which will enable the optimisation and compatibility of uses, guaranteeing sustainability (M36).</p> <p>T2: Definition of scenario projection mechanisms and case studies applied to socio-economic studies.</p>
<p>A3.7 Assessment of marine ecosystem services (provisioning, regulating and cultural), through different case studies</p>	<p>T1: Assessment of impacts at regional level with special attention to unique regional areas.</p> <p>T2: Carrying out studies on the identification of opportunities for intervention in marine ecosystems for their preservation and restoration.</p> <p>H: Catalogue of new products (public-private) and disruptive technological processes applied to the observation and management of the sea (M36).</p>
<p>A3.8 Establishment of a laboratory for citizen science initiatives and social participation in the development of marine research</p>	<p>T1: Integration of the laboratory's activities in UMU initiatives related to citizen, social and SDG participation.</p> <p>T2: Design of methodologies to facilitate social participation and improve governance in the medium and long term.</p> <p>H: Activities aimed at citizens to transform perception and promote collective awareness of all marine ecosystem services, social action mechanisms against poaching, and stimulation of responsible consumption (M30).</p>
<p>A3.9 Design of a new governance model for the marine research ecosystem: development of a network of research and innovation actors, creation of an intensive ecosystem of public-private collaboration.</p>	<p>T1: Definition of a training and knowledge transfer programme that connects academia with the productive sector (e.g. industrial doctorates) and guarantees the rapid and efficient transfer of research results.</p> <p>T2: Integration of UMU in a network of actors to be defined at national level and participation in activities to foster collaboration. Identification of networks at European level and identification of synergies.</p> <p>H: Identification of mechanisms for the attraction of creativity and investment and the establishment of a business culture that will allow the development and consolidation of a climate-neutral, sustainable and productive Blue Economy (M33).</p>
<p>A3.10 Idea Lab: to create an environment for demonstration and idea generation, develop roadmaps / acceleration of startups linked to the blue economy</p>	<p>T1: Development of a space for the demonstration and generation of ideas linked to the blue economy to facilitate university-business-society collaboration. Definition of a specific programme within the UMU initiatives to promote culture.</p> <p>H1: Development of strategies and tools (including new governance designs, digital tools, etc.) to stimulate the adoption among users/beneficiaries of new knowledge and technologies, with the involvement of the whole society, through citizen science tools and the establishment of learning communities. (M27)</p> <p>T2: Preparation of proofs of concept and feasibility tests that feed the design of pilot experiences and that can be demonstrated in the ideas lab space.</p> <p>H2.1: Catalogue of new products (public-private) and disruptive technological processes applied to the observation and management of the sea (M36);</p>

	<p>H2.2: Identification of mechanisms for the attraction of creativity and investment and the establishment of an entrepreneurial culture, which will enable the development and consolidation of a climate-neutral, sustainable and productive Blue Economy (M33).</p>
<p>A3.11 Developing advanced fisheries management systems</p>	<p>T1: Development of digital solutions applied to fisheries-related value chains in the region.</p> <p>H1: Activities aimed at citizens to transform perception and promote collective awareness of all marine ecosystem services, social action mechanisms against poaching, and stimulation of responsible consumption (M30).</p> <p>T2: Application and development of digital solutions to improve the management of discards and the valorisation/promotion of local marine products.</p> <p>H2: Catalogue of new products (public-private) and disruptive technological processes applied to the observation and management of the sea (M36).</p>
<p>A3.12 Dissemination of marine environmental knowledge and education</p>	<p>T1: Participation in activities at regional level to promote and disseminate information on the marine environment.</p> <p>H1: Awareness-raising activities for society in general and public-private actors on the development of sustainable activities in the marine environment and in the priority sectors of the blue economy, without forgetting the social and economic role of sustainable fishing activity (M33).</p> <p>T2: Definition of strategies linked to activity 3.8 to promote studies and knowledge of the blue economy at different educational levels.</p> <p>H2.1: Development of strategies and tools (including new governance designs, digital tools, etc.) to stimulate the adoption among users/beneficiaries of new knowledge and technologies, with the involvement of the whole of society, through citizen science tools and the establishment of learning communities (M27).</p> <p>H2.2: Citizen-driven activities to transform perceptions and promote collective awareness of all marine ecosystem services, mechanisms for action, and the development of a new knowledge base.</p>
<p>A3.13 Marine, Maritime and Coastal Environment Digital Twin</p>	<p>T1: Design of services to support decision making in the short, medium and long term through the use of the digital twin system.</p> <p>H1: Development of strategies and tools (including new governance designs, digital tools, etc.) to stimulate the adoption among users/beneficiaries of new knowledge and technologies, with the involvement of the whole society, through citizen science tools and the establishment of learning communities (M27).</p> <p>T2: Design of integrated data management systems linked to the L1 line to develop digital twins. Creation of tools for the management of temporal, seasonal forecast and climate change information.</p> <p>H2: Catalogue of new products (public-private) and disruptive technological processes applied to the observation and management of the sea (M36).</p>

ANNEX III

RESPONSIBLE DECLARATION (Protection of personal data)

Complementary call for a Postdoctoral Contract within the framework of Action Line 3 of the *ThinkInAzul* project, Complementary Plan for Marine Sciences.

Mr./Mrs. _____,

with DNI / PASSPORT / NIE _____ and nationality _____,

in accordance with the provisions of the Organic Law 3/2018, of December 5, on the Protection of Personal Data and guarantee of digital rights, I declare under my responsibility that I am informed or informed about that:

1. My personal data will be included in a personal data file, owned by the University of Murcia, which guarantees its security and confidentiality and whose purpose is the management of this call, as well as the economic management derived from this, being foreseen its transfer to the competent public sector entities and, in particular and where appropriate, to the Seneca Foundation - Science and Technology Agency of the Region of Murcia, for the process of scientific evaluation of applications; to the Ministry of Universities, for justification of the implementation of the program, and to the competent Administrations in Social Security and tax matters.
2. I can exercise before the General Secretariat of the University of Murcia the rights of access, rectification, deletion, limitation of processing, portability and opposition provided for in the Organic Law 3/2018, of December 5.

Likewise, I expressly authorize the University of Murcia to use, publish or divulge my name and image in the communications that it makes for informative or divulgative purposes related to the public service of university higher education, both in printed and audiovisual media as well as on the Internet.

I declare all of the above in order to compete as an applicant and opt for the award of a contract in the complementary call for a Postdoctoral Contract within the framework of Action Line 1 of the ThinkInAzul Project, Complementary Plan for Marine Sciences.

DATE:

Signature

(it is recommended to use electronic signature)

ANNEX IV

RESPONSIBLE DECLARATION

(Truthfulness of the documentation provided)

Complementary call for a Postdoctoral Contract within the framework of Action Line 3 of the *ThinkInAzul* project, Complementary Plan for Marine Sciences.

Mr./Mrs. _____,

with DNI / PASSPORT / NIE _____ and nationality _____,

for the purposes of my participation in the selective process corresponding to the complementary call for a Postdoctoral Contract within the framework of Action Line 1 of the ThinkInAzul Project, of the Complementary Plan for Marine Sciences.

DECLARE UNDER MY RESPONSIBILITY:

That I meet the conditions established in article 13 of the General Law of Subsidies and that I am not involved in any of the impeditive circumstances foreseen in the same precept.

1°. That I accept the terms established in the call approved by resolution of the Rector of the University of Murcia R-____/2023, of _____, 2023.

2°. That I meet the requirements established in said call to be awarded the action in the modality to which I am applying.

3°. That the documentation attached to my application for participation is a true copy of the original in my possession; that I have the documentation that proves it, and that I will make it available to the University of Murcia when required, committing myself to keep such documentation at its disposal during the entire time corresponding to the execution of the aid.

DATE:

Signature

(it is recommended to use electronic signature)

ANNEX V

ACCEPTANCE DOCUMENT

Complementary call for a Postdoctoral Contract within the framework of Action Line 3 of the *ThinkInAzul* project, Complementary Plan for Marine Sciences.

APPLICANT'S DETAILS

First and last name:		DNI/NIF/NIE:	
Phone:		E-mail address:	

DEPARTMENT AND RESEARCH GROUP DATA

Center:	UNIVERSIDAD DE MURCIA
Department:	
Research Group:	
Principal Investigator of the group:	

This document accredits the acceptance of the referenced Research Group of the University of Murcia, for the incorporation of the applicant in case of being beneficiary of the Postdoctoral Contract called within the framework of the Action Line 3 of the *ThinkInAzul* project, Complementary Plan of Marine Sciences, and in the case of being awarded with the Postdoctoral Contract called within the framework of the Action Line 3 of the *ThinkInAzul* project, Complementary Plan of Marine Sciences.

DATE:

Sign of the Principal Investigator of the group:	Approval of the Department Director:

(it is recommended to use electronic signature).

NOTE:

For the submission of the application, it will only be essential to have the signature of the person responsible for the Research Group, being able to provide the V^oB^o of the Department at a later date and always before the final resolution of the procedure.