

BASES OF THE CALLS FOR THE RECRUITMENT OF RESEARCH STAFF OF THE IBERIAN CENTER FOR RESEARCH IN ENERGY STORAGE (CIIAE) MANAGED BY FUNDECYT - EXTREMADURA SCIENCE AND TECHNOLOGY PARK , IN ACCORDANCE WITH ARTICLE 20 OF LAW 14/2011, OF JUNE 1, ON SCIENCE, TECHNOLOGY AND INNOVATION, WITHIN THE FRAMEWORK OF PROJECT 101130021 OF THE CALL FOR PROJECTS HORIZON-EIC-2023-PATHFINDEROPEN-01 WITHIN THE HORIZON EUROPE WORK PROGRAM.

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1. OBJECT AND PURPOSE OF THE REGULATORY BASES

CIIAE), managed by FUNDECYT- Extremadura Science and Technology Park , are hereby published, based on the bases regulated in this document.

These bases replace those previously published on September 4, 2024, in Official Gazette No. 172, corresponding to the announcement of August 26, 2024, which publicized the call for applications and job offers in Spanish and English (4TunaTES Project).

The present bases and the successive calls have the objective of incorporating the scientific research staff contemplated in the framework of the project with reference number 101130021 of the EIC- Pathfinder project call within the HORIZON EUROPE work program.

The contracted staff will perform their duties at the Iberian Center for Research in Energy Storage (CIIAE). The main **objective of CIIAE** is to contribute to solving the scientific and technological challenges that enable the proper management of green energy, through scientific research, technological development, and innovation in energy storage to meet industrial demands and the needs of society for a sustainable energy future.

To this end, the CIIAE will focus its activity on the following three major areas to achieve its objectives: goals:

1. Research and development of energy storage technologies and their integration with green energy.
2. Close collaboration with the industrial sector and joint development of technologies.
3. Advice and training in green energy and its manageability .

and the following lines that appear in the Complementary Plan:

1. LA13.1: Development of advanced materials and nanotechnology applications for the development of new batteries and supercapacitors.
2. LA13.2: Storage of non-manageable renewable energies.
3. LA13.3: Phase change materials for thermal storage.

2. APPLICABLE REGULATIONS

The selection process regulated by these rules and the call for tenders have been prepared in accordance with the regulations listed below. Likewise, the following regulations will apply to all contracts resulting from this process:

- Royal Legislative Decree 2/2015, of October 23, approving the revised text of the Workers' Statute Law.



- Royal Legislative Decree 5/2015, of October 30, approving the Consolidated Text of the Law on the Basic Statute of Public Employees.
- Law 13/2015, of April 8, on the Civil Service of Extremadura.
- Law 50/2002, of December 26, on Foundations.
- General Budget Law of the Autonomous Community of Extremadura in force in each period.
- General State Budget Law in force for each period.
- Guidelines for the incorporation of personnel, as well as for the hiring of temporary personnel in the public sector entities of the Administration of the Autonomous Community of Extremadura in force in each period, the ones in force on the date of this document being those of the Agreement of the Governing Council of the Regional Government of Extremadura.
- of February 22, which establishes the guidelines for the
- incorporation of permanent staff and the hiring of temporary staff
- temporary by the entities of the public business and foundation sector of
- the Administration of the Autonomous Community of Extremadura in 2023.
- Instructions for the selection and hiring of staff for the centers attached to the Ministry of Economy, Science and Digital Agenda of the Regional Government of Extremadura, dated January 18, 2023
- Law 39/2015, of October 1, on the Common Administrative Procedure of Public Administrations.
- Law 40/2015, of October 1, on the Legal Regime of the Public Sector
- Law 14/2011, of June 1, on Science, Technology and Innovation.
- III Collective Labor Agreement of the company "FUNDECYT-PCTEX".

3. PRINCIPLES AND CONTRACTING REGIME.

Pathfinder project call within the HORIZON EUROPE work program.

The announcement of the position(s) is attached as **Annex II** to these Rules and details the deadline for submitting applications to participate in the selection process, the respective individual requirements for each position to be filled, the specific tasks to be performed, the corresponding category within the Collective Agreement under which the contract falls, as well as any other specific information for each position.

The selection process regulated in these bases will be carried out through a competitive examination system, in accordance with the selection criteria established in section 8 of these Bases, in accordance with the guiding principles for access to public employment contemplated in article 88.2 of Law 13/2015, of April 8, on the Civil Service of Extremadura:

- a) Publicity of the calls and their bases.
- b) Transparency.
- c) Free competition.
- d) Impartiality, professionalism and specialization of the members of the selection bodies.



e) Independence, confidentiality and technical discretion in the actions of the selection bodies.

f) Adequacy between the content of the tests that form part of the selection processes and the functions or tasks to be performed.

g) Agility, without prejudice to objectivity, in the selection processes.

h) Equal opportunities between both sexes.

Regarding the principle of publicity, these regulatory bases, together with the call for proposals in Annex II, will be published in the following media:

- FUNDECYT-PCTEX website (<http://www.fundecyt-pctex.es>),
- Website of the CIAE - Iberian Centre for Research in Energy Storage (<http://www.ciae.org>).
- Official Journal of Extremadura (DOE).

Those selected to fill the vacancies , in accordance with the following terms and conditions, will be subject to the provisions of Royal Legislative Decree 2/2015, of October 23, which approves the revised text of the *Workers' Statute Law* , and the FUNDECYT-PCTEX Collective Agreement in force at any given time.

The positions will be temporary, with a legally established trial period, governed in all that is applicable, by Law 14/2011, of June 1, on Science, Technology and Innovation, as well as by the modifications introduced by Law 17/2022, of September 5, which modifies Law 14/2011, of June 1, on Science, Technology and Innovation.

The remuneration regime for the position is that established in the FUNDECYT-PCTEX Collective Agreement for the different professional categories to which the advertised position(s) are assigned. The information on the category corresponding to each advertised position will appear in the call document attached as Annex II to these rules, as well as in other calls if necessary depending on the funding granted for personnel in the project called **"FOR TUNABLE THERMOCHEMICAL ENERGY STORAGE"**, regulated in Grant Agreement number **101130021-4TunaTES** of the **HORIZON-EIC-2023-PATHFINDEROPEN-01** call.

4. REQUIREMENTS FOR APPLICANTS.

Candidates must meet, on the day the application period closes and maintain until the time of formalization of the employment contract, the following requirements, as set out in Royal Legislative Decree 5/2015, of October 30, which approves the Consolidated Text of the Law on the Basic Statute of Public Employees, a legal norm that will apply to the president of the process by analogy in those matters indicated:

1. Nationality:

- a) Have Spanish nationality or be a national of one of the Member States of the



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- b) Persons included in the scope of international treaties signed by the European Union and ratified by Spain, which provide for the free movement of workers.
- c) Workers who are not included in the previous paragraphs are legal residents in Spain.
- d) Candidates not included in the above categories may apply. The Selection Committee will verify that they meet the legal requirements for employment in Spain.

Those included in section a) and foreigners residing in Spain included in section b) are exempt from providing documentation proving their nationality, provided they authorize verification of their personal identification data in the Identity Data Verification System in their application. All other persons must accompany their application with a document proving their stated qualifications.

2. Be at least eighteen years of age and not exceed, where applicable, the maximum mandatory retirement age.
3. Possess the functional capacity to perform the tasks.
4. Not having been separated through disciplinary proceedings from the service of any of the Public Administrations and public bodies linked to or dependent on them, or from the Constitutional or Statutory Bodies of the Autonomous Communities, nor being in absolute or special disqualification for public employment or positions by judicial resolution firm.
5. Not having been convicted in the last five years by final judgment in judicial proceedings of any kind relating to economic and/or financial claims.
6. If you are a national of another State, you must not be disqualified or in an equivalent situation, nor have you been subject to a disciplinary or equivalent sanction that prevents you from accessing public employment in your State under the same terms. You must meet the qualification requirements and the other requirements included in the profile of the candidate position.

This last requirement, together with requirements numbers 4, 5 and 6 of the list in this section, will be accredited at the time of the application to participate in the selection process, by means of the submission by the applicant of the corresponding responsible declarations duly signed and drafted according to the content of the application form attached to these Bases as Annex I.

5. APPLICATIONS AND SUBMISSION DEADLINE

Applicants wishing to participate in the selection process must submit the following documentation:

- National Identity Document, Passport or Card resident.
- *Curriculum vitae*, detailed in which the specific start and end dates of each professional experience must be specified, as well as the functions performed, written



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in Spanish and/or English and/or Portuguese.

- Application for admission to the selection process completed according to the form in **Annex I** attached to these Bases.
- A photocopy of the required official degree or a photocopy of the application form. For degrees obtained abroad, a translation into Spanish or English must be provided.
- Photocopy of the titles and diplomas of the courses mentioned in your candidacy, or certificates thereof, indicating hours lectures.
- Documents proving compliance with the specific requirements of each of the positions detailed in the annexes of each call to which the candidacy is presented.
- Professional experience. For the purposes of verifying the required work experience, the applicant must specify, in as much detail as possible, the activity carried out by the applicant, as well as the period or periods in which it was carried out. For this purpose, the applicant must provide copies of the documents deemed appropriate to prove the experience required in the call for applications (certificates of employment history, contracts, company certificates, etc.) or other documents evidencing the experience required.

However, the Selection Body may request, at any time during the selection process, accreditation of all the data that has been presented . in the application concerning to experience professional former or any other that it deems appropriate and that have been or will be assessed in the competitive examination phase.

Applicants with a disability level equal to or greater than 33% must indicate this in their application, attaching a copy of the Technical Expert Opinion issued by the Technical Assessment Body that determined the degree of handicap.

In the event that they require adaptations in time and/or means to carry out the selective tests, in addition to indicating it in the application, they must submit a letter specifying the type of adaptation they require. They request, as well as a medical certificate proving the requested adaptation. The Selection Body will adopt the necessary measures in those cases where it is necessary, so that the candidates who have requested adaptations of time and/or means in the manner provided in the previous section, enjoy similar conditions for carrying out the exercises as the rest of the candidates. participants.

The documentation provided will not be returned under any circumstances. FUNDECYT-PCTEX, in compliance with Organic Law 3/2018, of December 5, on the Protection of Personal Data and the Guarantee of Digital Rights, will safeguard and process the documentation received confidentially and solely for the purpose of evaluating the applications submitted. It will not be stored by any means, file, or medium, nor will it be transferred, in whole or in part, to third parties or entities. Once the selection process is completed, and to allow sufficient time for possible claims, the documentation will be destroyed.

Failure to submit the aforementioned documentation, as well as failure to meet the requirements set forth in the call for applications, will result in the candidate's exclusion .

Scanned documentation may be sent either by email to the following address:



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ciiae.personal@fundecyt-pctex.es , stating the reference that appears for each position advertised in the subject line , or by registered mail with acknowledgment of receipt, or by physically presenting it at the FUNDECYT-PCTEX headquarters and addressed to the Human Resources Department, Avenida de la Investigación, s/n, PCTEX Building, Campus of the University of Extremadura, 06006 Badajoz, stating the position for which you are applying on the envelope.

The application deadline will be at least **15 calendar days** from the day following the publication of these regulations, along with the call for applications document(s) in the "Official Journal of Extremadura." In any case, the application deadline for each position will be specified in each call for applications.

Applications not received within the timeframe and in the manner established in the annexes will not be admitted to the process. However, the Selection Body may extend the initial deadline by another **30 calendar days if it deems appropriate** .

FUNDECYT-PCTEX may request the presentation of original documents for verification at any time during the selection process, in cases where photocopies have been submitted or scanned documents have been sent by email. Failure to comply with this requirement within the established deadlines will result in the exclusion of the applicant.

6. SELECTION BODY

The Selection Body is the body formed for each call for positions that will be responsible for developing the selection process and applying the selection criteria according to the regulations in section 8 to evaluate and classify the applications submitted during the selection period.

It will be composed of a minimum of three people: a President, a technical member, and a secretary, who will be identified in each call for proposals in the corresponding section of the call document.

Likewise, the Selection Body may be provided with support from specialized external advisors for all or some of the selection phases. These advisors will be limited to assessing and advising according to their technical specialty and will collaborate with the Selection Body exclusively based on that specialty, acting with voice but no vote.

The Selection Body is empowered to interpret the regulations governing this call for applications and will provide a reasoned resolution to any issues that may arise during the selection process. It will take appropriate measures to ensure that candidates with disabilities enjoy similar conditions to other candidates when completing the tests.

The Selection Body's operating procedure will comply at all times with the provisions of Law 39/2015, of October 1, on the Common Administrative Procedure of Public Administrations, Law 40/2015, of October 1, on the Legal Regime of the Public Sector, and other current provisions. The members of the Body will sign a Declaration of Absence of Conflict of Interest (DACI) stating that they have no direct personal interest in any of the candidates in the call that could call into question the objectivity of the process. They also undertake not to disclose in any way



information related to the selection process and the candidates considered, information that will remain confidential.

All members of the Selection Committee have a voice and vote, and they strive to reach a consensus on the decisions and assessments they make. When this is not possible, decisions will be made by a majority of the members present, with the casting vote of the Chair of the Selection Committee resolving the tie.

Candidates may challenge members of the Selection Body when the circumstances provided for in Law 40/2015 occur, notifying the convening body.

In accordance with Article 14 of the Spanish Constitution, the Selection Body shall ensure strict compliance with the principle of equal opportunities between both sexes and shall comply with the provisions of Article 23 and Article 24 of Law 40/2015. It may not approve or declare that more candidates have passed the selection tests than the number of places offered.

7. ADMISSION OF APPLICANTS

Once the application submission period has passed, the Selection Committee will review the submitted applications to determine who is eligible and who is excluded from the selection process, based on whether they meet the minimum requirements and those established in the profile of the position they are applying for.

Once the applications have been reviewed, the Selection Body will publish a **provisional list of those admitted and excluded from participating in the selection process** based on their compliance with the requirements established in the profile of the position for which they are applying. This list will include, where applicable, the reasons for exclusion. This list will be published on the CIIAE website.

Applicants who have been expressly excluded, as well as those who may not appear on the provisional list, will have a period of **three business days** from the day following its publication to correct the defect that led to their exclusion or express non-inclusion.

Once the correction period has elapsed, the **final list of candidates admitted and excluded from the selection process will be published**.

All the aforementioned lists, as well as the dates of the tests conducted during the selection process, will be published on the CIIAE website.

8. DEVELOPMENT OF THE SELECTIVE HIRING PROCEDURE

The selection process will be conducted through a competitive examination system in accordance with the selection criteria described below, which will be incorporated into each call for applications. If multiple calls for applications are issued within the framework of these contracting rules, the selection criteria set forth in each call for applications will prevail over those described below.



Therefore, according to the above, the selection procedure will be developed in two phases in the form following:

1. Merit and curriculum evaluation phase (contest).

This phase will be preliminary and eliminatory. The Selection Committee will assess the merits and curriculum of each candidate's application, taking into account the applicants' experience and professional and academic merits, based on their suitability for the position. The maximum score will be 60 points.

Once the experience and merits claimed have been assessed, the Selection Body will proceed to publish, on the FUNDECYT-PCTEX website and on the CIIAE website, the scores obtained and the candidates who advance to the next phase. Candidates who do not achieve a minimum of 30 points will be excluded.

FUNDECYT-PCTEX may request documentation from candidates at any time during the selection process that demonstrates their merits and qualifications. In any case, successful candidates must provide certified copies of their diplomas proving they meet the requirements for each position prior to being hired, as provided in section 10 of these Terms and Conditions.

2. Interview phase (opposition) .

The interview or competitive examination phase will consist of a practical oral test where the Selection Body will verify, assess, and classify the candidate's aptitude and ability in relation to the suitability for the profile and the duties to be performed.

If applicable, candidates will be contacted by telephone or other certified means to set the date and time of the interview.

This phase will have a maximum score of 40 points, with candidates who do not achieve a minimum of 20 points being excluded .

The final resolution of the process will be determined by the sum of the scores obtained in both phases.

9. COMPLETION OF THE SELECTION PROCEDURE.

Once the selection process is complete, the Selection Body will submit to the Managing Director for approval, through a Minutes drawn up for this purpose, the proposal of the selected candidates to fill the vacant positions, along with an ordered list of the remaining candidates. **A waiting list will be established** , as regulated by **section 12** of these rules.

Along with the minutes, the Selection Body will issue a **report** signed by the person holding the presidency of the Selection Body describing the selection process, the evaluation, and the



justification of the suitability of the selected person, based on the criteria and subcriteria set forth in **section 8** of these contracting rules.

The Selection Body may also submit to the Managing Director for approval a declaration that the entire competitive examination (or any of the positions) has been void if it considers that, following the completion of any of the phases of the selection system or process, no candidate meets the ideal profile to fill the position.

The Managing Director will publish on the CIIAE website the hiring resolution with the selected candidate(s) and the list of qualified persons for the positions to be filled, which will constitute the **waiting list** in order from highest to lowest score determined by the sum of the scores of Each of the phases. People who have been excluded in any of them will not be included in this list or waiting list.

Likewise, if applicable, the selection process will be declared void if no one meets the ideal profile to fill the position.

10. SUBMISSION OF DOCUMENTS AND AWARD

Selected candidates will be notified and offered their respective positions and informed of the working conditions.

Before the contract is formalized, the person selected for each position must submit, within a maximum of **five business days** of their appointment, the following documents, if they have not submitted them with the application to participate in the selection process:

- a) A sworn declaration or promise that they have not been dismissed from the service of any of the Public Administrations through disciplinary proceedings, nor have they been subject to absolute or special disqualification from public employment or positions by court order. In the case of being a national of another State, they must submit, in addition to the declaration relating to the State Spanish, sworn statement or promise that he/she is not disqualified or in an equivalent situation, nor has he/she been subjected to disciplinary sanction or equivalent that prevents, in its State, in the same terms, access to public employment.
- b) Declaration that you are not carrying out any other public or private activity that might require prior authorization or recognition of compatibility.
- c) Responsible Declaration of not having been convicted in the last five years by virtue of a final judgment in judicial proceedings of any kind relating to claims in economic matters and/or financial.
- d) Original documents of the photocopies provided throughout the selection process for verification: Original academic qualification required for the position (if you do not have this qualification, a certificate of study may be submitted); originals of other



qualifications, diplomas, or certificates provided.

The Selection Body may exclude the selected candidate at this time if the documents submitted in accordance with this section do not adequately demonstrate the requirements for recruitment. In this case, the Selection Body will submit to the Managing Director the proposal to award the position to the next highest-scoring candidate on the **waiting list established in accordance with the previous section**, and from that moment on, the procedures established in this section will be followed. In the case of qualifications from foreign countries, a translation into Spanish or English must be provided.

In the event that the selected person does not present the documentation mentioned in this base within the maximum period established of **five working days**, **provided that this circumstance has not occurred for reasons completely beyond its control, the Selection Body will present to the Managing Director the proposal to award the position to the next candidate with the best score on the waiting list established according to the previous section**, following from that moment the procedures established in this paragraph.

In the event of express resignation by the selected person, the Selection Body will act in the same manner in relation to the **waiting list**.

In this way, a waiting list will be established, in decreasing order according to the classification obtained by the APPLICANTS in the selection process.

Finally, you will be summoned for a new entry medical examination to certify that you do not suffer from any illness or physical or mental limitation incompatible with performing your job.

11. FORMALIZATION OF THE CONTRACT

The candidate will be hired within **30 calendar days** of the formal request from FUNDECYT-PCTEX.

The legal status of the job position subject to the selection process will have the characteristics, nature and scope expressed in these bases.

12. ASSUMPTION OF VACANCY OF A POSITION ALREADY AWARDED

It is possible that, for various reasons, the awarded position may become vacant before the end of the contract, either temporarily or permanently. In these cases, the **waiting list may be used**, constituted as described in sections 9 and 10 of these bases.

In the event that a position becomes temporarily vacant without reaching the maximum contract duration, a new call will not be made. Instead, the Selection Body will submit to the



Managing Director the proposal to award the position to the next most successful candidate, following from that moment the procedures established in section 11.

Unless otherwise determined by the Selection Body, temporary coverage of positions will only be carried out: (i) if failure to do so could cause serious harm, and (ii) once **30 calendar days have passed** since the successful bidder begins the temporary situation.

The resignation of the following finalist candidates from the temporary position will not be detrimental to them in future calls if, at the time of the call, they can prove that they are providing services for another entity, public or private.

Among the assumptions that can give rise to this situation are:

- Temporary disability.
- Leave of absence with the right to reserve a job position.

In the event that the position becomes DEFINITELY vacant without the maximum contract duration having been reached, a new call will not be made. Instead, the Selection Body will submit to the Managing Director the proposal to award the position to the next most shortlisted candidate, following from that moment the procedures established in section 11.

The withdrawal of the following final candidate(s) from the final position will result in their being moved to the end of the call list, but not their exclusion from the list.

Among the assumptions that can give rise to this situation are:

- Loss of position for disciplinary reasons.
- Reasons validly stated in the contract.
- Voluntary withdrawal of the successful bidder.
- Death of the successful bidder.
- Retirement of the successful bidder.
- By decision of the successful bidder who is forced to permanently leave his or her job as a result of being a victim of gender-based violence.
- Supervening ineptitude.

The selected person will be summoned for a new entry medical examination to certify that they do not suffer from any illness or physical or mental limitation incompatible with performing the position.

Job pools will not be established in accordance with these contracting rules.

13. DATA PROTECTION

FUNDECYT-PCTEX, in compliance with the provisions of Organic Law 3/2018, of December 5, on the Protection of Personal Data and the Guarantee of Digital Rights, informs that the personal data provided to us by candidates by sending their application, as well as any data that may be



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generated as a result of their participation in the selection processes, will be stored in a computerized file owned by FUNDECYT-PCTEX for the purpose of filling the vacancies.

Participation in the selection processes of FUNDECYT-PCTEX and CIIAE is voluntary, so the communication of your personal data to FUNDECYT-PCTEX is also voluntary, with FUNDECYT-PCTEX understanding that the submission of the *curriculum vitae* implies express consent for the processing of the personal data of the applicants with the purpose indicated, without prejudice to the fact that, as said treatment is completely voluntary, you may object at any time and revoke the consent given, as well as exercise the rights of access, rectification and cancellation by writing to FUNDECYT-PCTEX, Avenida de la Investigación, s/n, Edificio PCTEX, Campus of the University of Extremadura, 06006 Badajoz, SPAIN, in the terms provided in the regulations. applicable.

In the event that you provide us with data relating to your health and/or disability for the purpose of applying for positions reserved for disabled people according to current legislation, you declare that your declaration is voluntary and implies express consent for FUNDECYT-PCTEX to store the aforementioned data in the processing for which it is responsible for the purpose of carrying out the tests and selection processes for such positions. effects.

Once the selection process is complete, all personal data will be destroyed once the statute of limitations for the corresponding actions has elapsed.

14. PUBLICITY OF THE PROCESS

All communications regarding this selection process will be published on the FUNDECYT-PCTEX website and the CIIAE website.

The Authority: José Luis Canito Lobo, Managing Director FUNDECYT-PCTEX



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ANNEX I: APPLICATION TEMPLATE FOR PARTICIPATION IN SELECTION PROCEDURE

RESPONSIBLE DECLARATION TO PARTICIPATE IN THE CALL FOR
THE HIRING OF RESEARCH STAFF FROM THE IBERIAN CENTRE FOR ENERGY STORAGE RESEARCH (CIAE), MANAGED
BY FUNDECYT-SCIENTIFIC AND TECHNOLOGICAL PARK OF EXTREMADURA.

SURNAME:
NAME:
ID NUMBER/PASSPORT:
ADDRESS:
POSTCODE:
CITY:
PROVINCE:
COUNTRY:
CONTACT PHONE:
EMAIL:

I STATE:

That I intend to apply for the selection process for the recruitment of research staff at the Iberian Centre for Research in Energy Storage (CIAE).

Reference N° of the position: Ref. IJ-TERMOQUIMICO

(Send a declaration of responsibility for each position you are applying for)

I DECLARE UNDER MY RESPONSIBILITY :

FIRST.- I possess the functional capacity for the performance of the tasks.

SECOND.- I have not been separated by disciplinary proceedings from the service of any of the Public Administrations and public bodies linked or dependent on them, or of the Constitutional or Statutory Bodies of the Autonomous Communities, nor be in absolute or special disqualification for jobs or public positions by final judicial resolution.

THIRD.- I have not been convicted in the last five years by virtue of a final judgment in judicial proceedings of any order relating to claims in economic and / or financial matters.

FOURTH.- In the case of being a national of another State (country) different to Spain, I have not be disqualified or in an equivalent situation, nor have been subjected to disciplinary sanction or equivalent that prevents in my State (country), in the same terms, access to public employment. I also meet the degree requirements and the remaining requirements specified in the job profile.

Signature of the candidate:.....

THE APPLICANT:

TO THE SELECTION BODY



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ANNEX II: CALL FOR APPLICATIONS

JUNIOR RESEARCHER

Position:		Junior researcher in on development of materials for tunable thermochemical energy storage associated with "4TunaTES" project, from the call HORIZON-EIC-2023-PATHFINDEROPEN-01	
Project:		4TunaTES - For Tunable Thermochemical Energy Storage	
Professional category:		Junior researcher	Contribution group: Thermochemical Energy Storage
Work Center:		University of Extremadura, Cáceres Campus	
Number of places:		1	Reserve percentage, if applicable:
Department:		Thermal Energy Storage	
Offer date:		DOE Publication	Deadline for submitting bids: 15 calendar days, counting from the day after publication in the DOE (Official Journal of Extremadura)
Application for participation:	Published on the CIAE website in the section for this offer		Form of presentation of the application for participation by applicants: <u>APPLICANTS MUST SEND ALL DOCUMENTATION FROM POINT 5 OF THE CALL BASES and the rest of the valuable documentation, indicating the following subject: Ref. IJ-TERMOQUIMICO</u>
Documents to be submitted with the application:	The documents listed in point 5 of the Call Bases.		
Contact information for sending requests		FUNDECYT-PCTEX (Science and Technology Park Building), Avda. de la Investigación, s/n, PCTEX Building, Campus of the University of Extremadura – 06006 Badajoz (Spain) Email: ciae.personal@fundecyt-pctex.es Telephone: +34 927 690 042 Ext.107 www.fundecyt-pctex.es www.ciae.org	
Estimated start date:		September 2025	Probation: 2 MONTHS
Waiting list		Yes, according to the regulations of points 9 and 10 of the Call Bases.	
Conditions and requirements for applicants:		Those established in point 4 of the Call Bases	
Members of the selection body:		President: Breogán Pato Doldán Secretary and member: Lucía Córdón Masero	



Member: Aleksandr Shkatulov			
Tasks to be developed:		<p>Energy storage is of paramount importance for the future transition to sustainable energy driven by the widespread use of renewable sources. Storing thermal energy is a significant milestone on this route as thermal energy accounts for about 50% of all energy end-use.</p> <p>The idea of using chemical reactions for the storage of thermal energy is akin to the idea of using chemical reactions for electricity storage. Thermochemical batteries, much like their electrical counterparts, offer high energy storage density and extended storage duration. They can be used to store and release heat in domestic environment and industry. The state of the art in this innovative and evolving field requires groundbreaking solutions combining promising materials with new storage concepts.</p> <p>This position is linked to a European project aiming at development of tunable thermochemical energy storage. By leveraging a novel type of chemical reactions, we aim to improve operational flexibility of thermal batteries for both domestic and industrial use. At the Iberian Centre for Energy Storage Research (CIIAE), we seek a bright and passionate candidate ready to tackle the challenges of material design and testing in cooperation with the leading universities and research institutions across the European Union.</p> <p>The selected candidate will perform the following tasks:</p> <ul style="list-style-type: none"> • Developing novel stable and tunable thermochemical materials • Understanding phase transitions and the effects of doping on thermochemical transformations • Experimental development of stabilization techniques for the new materials • Preparation of thermochemical materials for integration into pilot devices • Authoring and co-authoring scientific publications <p>Challenges:</p> <ul style="list-style-type: none"> • Screening and design of new type of thermochemical materials with tunable thermochemical behaviour • Ensuring the material stability on micro- and macroscopic scales 	
Academic background:		PhD or equivalent in Materials Science, Chemical engineering, Chemistry or similar.	
Other training:		<ul style="list-style-type: none"> • Fluent English, verbal and written. • Valuable: Spanish. 	
Contract duration:		Until the end of the financing line (27 months) or completion of the project (whichever comes first)	
Remuneration:	Gross Annual Salary: SB: 36.959,30 €	Financing:	European Innovation Council and SMEs Executive Agency
Details of the selection process: <ul style="list-style-type: none"> - Technical test: NO - Language : YES (will be evaluated during the interview) - Job interview : YES 			



Evaluation: evaluable criteria and subcriteria	MERIT AND CURRICULAR EVALUATION PHASE (COMPETITION).
	<p>A. Research line</p> <ul style="list-style-type: none"> A.1. Research experience in thermal energy storage A.2. Research experience in thermochemical or sorptive energy storage A.3. Experience in related characterization techniques <p>B. Preparation/writing of funding proposal to competitive national and EU calls</p> <p>C. Principal investigator (PI) in R&D&I projects</p> <p>D. Supervision of final degree projects or final master's projects</p> <p>E. Publication of articles in scientific journals</p> <p>F. Participation in research conferences</p> <p>G. Patents</p> <p>H. Awards, mentions or other achievements</p> <p>I. Motivation letter</p> <p>J. Reference letters</p>
	INTERVIEW PHASE (OPPOSITION).
	<p>A. Adequacy of knowledge, experience and other requirements</p> <p>B. Competency, aptitude, skills and abilities: managerial, organizational, analytical, team management and communication skills.</p> <p>C. The suitability of the applicant's profile to the position to be filled</p> <p>D. Candidate's interest in becoming part of the organization and in the performance of the vacancy</p>

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