

BASES OF THE CALLS FOR THE HIRING OF RESEARCH PERSONNEL OF THE IBERIAN CENTER FOR ENERGY STORAGE RESEARCH (CIIAE) MANAGED BY FUNDECYT - SCIENCE AND TECHNOLOGY PARK OF EXTREMADURA, 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 PROGRAMME.

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1. OBJECT AND PURPOSE OF THE REGULATORY BASES

The purpose of this document is to regulate the selection procedure for hiring one (1) scientific-research staff position for the Iberian Research Center in Energy Storage (hereinafter, CIIAE) managed by the FUNDECYT Foundation - Science and Technology Park of Extremadura (hereinafter, FUNDECYT-PCTEX) , as well as the call for said contracting in accordance with the call document attached as **Annex II** to these Terms .

These rules will establish the regulations and procedures for managing the selection of personnel to fill the positions indicated in the previous paragraph, within the framework of the project with reference number **PID2023-152312OA-I00** financed by **MCIU/AEI/10.13039/501100011033/ FEDER,EU** of the **2023 KNOWLEDGE GENERATION PROJECTS** call , entitled " **Interdisciplinary approach towards decentralized and decarbonized electrochemical Green Ammonia Production (InterGAmP)**".

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

2. APPLICABLE REGULATIONS

The selection procedure governed by these terms and conditions and the call for tenders have been prepared in accordance with the regulations listed below. Likewise, the following regulations will apply to any contracts awarded through this procedure, insofar as they are relevant:

- Royal Legislative Decree 2/2015, of October 23, approving the consolidated text of the Workers' Statute Law.
- Royal Legislative Decree 5/2015, of October 30, approving the Consolidated Text of the Law of the Basic Statute of Public Employees.
- Law 13/2015, of April 8, on Public 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 staff in the public sector entities of the Administration of the Autonomous Community of Extremadura in force in each period, those in force on the date of this document being those of the Agreement of the Governing Council of the Junta de Extremadura of February 22nd, which establishes the guidelines for the hiring of permanent staff and employment 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 at 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.
- Third Collective Bargaining Agreement of the company "FUNDECYT-PCTEX".

3. PRINCIPLE AND CONTRACTING REGIME.

These regulatory bases will establish the rules to be applied in the selection procedure of scientific research personnel who will carry out their functions within the framework of the project with reference number **PID2023-152312OA-I00**, within the call of the **State Research**

Agency for Knowledge Generation Projects MCIU/AEI/10.13039/501100011033/FEDER, EU.

The call for applications for the position is attached as **Annex II** to these Rules and details the deadline for submitting applications to participate in the selection procedure, the respective individual requirements for each position to be filled, the specific tasks to be carried out, the corresponding category within the Collective Agreement in which the hiring is framed, as well as any other specific data for each position.

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

- a) Publication of the calls for proposals and their terms and conditions.
- 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) Suitability between the content of the tests that are part of the selection processes and the functions or tasks to be carried out.
- 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 applications in Annex II, will be published in the following media:

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

The people selected to fill the advertised positions , in accordance with the provisions of the following rules, will be subject to the provisions of Royal Legislative Decree 2/2015, of October 23, which approves the consolidated text of the Workers ' *Statute Law* and the Collective Agreement in force at any given time of FUNDECYT-PCTEX.

The positions will be temporary, with a legally established probationary period, governed in all applicable aspects 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 for this position is that established in the FUNDECYT-PCTEX Collective Bargaining Agreement for the different professional categories to which the advertised position belongs. Information regarding the category corresponding to each advertised position will appear in the call for applications document attached as Annex II to these terms and conditions,

as well as in other calls for applications if necessary, depending on the funding granted for personnel within the framework of project number PID2023-152312OA-I00, under the State Research Agency's call for Knowledge Generation Projects MCIU/AEI/10.13039/501100011033/FEDER, EU.

4. APPLICANT REQUIREMENTS.

Candidates must meet the following requirements on the closing date for applications and maintain them until the formalization of the employment contract, as set out in Royal Legislative Decree 5/2015, of October 30, which approves the Consolidated Text of the Basic Statute of Public Employees, a legal regulation that will be applied to the president of the process by analogy in those matters indicated:

1. Nationality:

- a) To have Spanish nationality or to be a national of one of the Member States of the European Union.
- b) Persons included within the scope of application of the International Treaties concluded by the European Union and ratified by Spain in which the free movement of workers applies.
- c) Workers who are not included in the preceding paragraphs find themselves with legal residence in Spain.
- d) Candidates not included in the above categories may submit their application. The Selection Committee will verify that they meet the legal requirements for subsequent employment in Spain.

Those included in section a), as well as foreign nationals residing in Spain included in section b), are exempt from providing documentation proving their nationality, provided they authorize the verification of their personal identification data in the Identity Data Verification System in their application. All other individuals must include with their application a document that proves the conditions they claim.

2. Be at least eighteen years old and not exceed, where applicable, the maximum age for mandatory retirement.
3. Possess the functional capacity to perform the tasks.
4. Not to have been dismissed from service by means of disciplinary proceedings from any of the Public Administrations and public bodies linked or dependent on them, or from the Constitutional or Statutory Bodies of the Autonomous Communities, nor to be in absolute or special disqualification for public employment or office by judicial resolution firm.
5. Not to have been convicted in the last five years by final judgment in any type

of legal proceedings relating to economic and/or financial claims. This requirement will be demonstrated by the applicant submitting a duly sworn statement to that effect. signed.

6. If you are a national of another State, you must not be disqualified or in an equivalent situation, nor have been subject to a disciplinary or equivalent sanction that would prevent 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 position

This last requirement, together with requirements numbers 3, 4 and 5 of the list in this section, will be accredited at the time of the application to participate in the selection procedure , by providing by the applicant the corresponding responsible declarations duly signed and written according to the content of the application model that is attached to these Bases as Annex I.

5. APPLICATIONS AND SUBMISSION DEADLINE

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

- National Identity Document, Passport or Identity Card resident.
- *curriculum vitae* specifying the exact start and end dates of each professional experience, as well as the functions performed, written in Spanish and/or English and/or Portuguese.
- Application for admission to the selection process completed according to the form in **Annex I** which is attached to these Terms and Conditions.
- A photocopy of the required official degree or a photocopy of the application document for it. In the case of degrees obtained abroad, a translation into Spanish or English must be provided.
- Photocopies of the titles and diplomas of the courses mentioned in their candidacy, or certificates thereof, indicating hours lectures.
- Documents proving compliance with the specific requirements for each of the positions detailed in the annexes of each call for applications to which the candidacy is submitted.
- Professional experience. For the purpose of verifying the required work experience, the applicant must specify, in as much detail as possible, the activity carried out, as well as the continuous period or periods in which it was developed, providing for this purpose copies of the documents that the applicant considers appropriate to accredit the experience required in the call for applications (employment history certificates, contracts, company certificates, etc.) or other documents where the experience is recorded. required.

However, the Selection Committee may request, at any time during the selection process, proof of all the information that has been provided . 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 rating of 33% or higher must indicate this in their application, attaching a copy of the Technical Assessment Report issued by the Technical Assessment Body . determined the degree of handicap.

In the event that they require adjustments to time and/or resources for the selection tests, in addition to indicating this in the application, they must submit a written statement specifying the type of adjustment that They request, as well as a medical certificate attesting to the requested adaptation. The Selection Committee will adopt the necessary measures in those cases where it is required, so that applicants who have requested adaptations of time and/or resources in the manner provided in the previous section, enjoy similar conditions for carrying out the exercises as the rest of the participants.

The submitted documentation 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 submitted applications. 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 has concluded, after allowing sufficient time for any potential claims, the documentation will be destroyed.

Failure to submit the aforementioned documentation, as well as failure to possess the requirements stipulated in the call for applications, will result in the exclusion of the applicant.

The scanned documentation may be sent either by email to the electronic address: ciiae.personal@fundecyt-pctex.es, indicating in the subject the reference that appears in each position announced , or by certified mail with acknowledgment of receipt, or by physically presenting it at the headquarters of FUNDECYT-PCTEX and, addressed to the Human Resources Department, Avenida de la Investigación, s/n, PCTEX Building, Campus of the University of Extremadura, 06006 Badajoz, indicating on the envelope the position for which you are applying.

The application period will be at least **15 calendar days** , starting the day after the publication of these regulations, along with the call for applications, in the Official Gazette of Extremadura. In any case, each call for applications will specify the application period for each individual position.

Applications not received within the timeframe and in the manner specified in the annexes will not be accepted into the process. However, the Selection Committee may extend the initial deadline by a further **30 calendar days if it deems it appropriate** .

FUNDECYT-PCTEX may request the presentation of original documents for verification at any

time during the selection process in cases where photocopies or scanned documents have been submitted via email. Failure to comply with this requirement within the established deadlines will result in the applicant's exclusion.

6. SELECTION BODY

The Selection Committee is the body formed for each call for positions that will be responsible for developing the selection procedure and applying the selection criteria according to the regulations of this section to evaluate and classify the applications of candidates 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 of the calls in the corresponding section of the call document and two members who will be identified in each of the calls that are published in accordance with these Bases.

Likewise, support may be provided to the Selection Committee by external specialist 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 Body exclusively on the basis of said specialty, acting with voice but without vote.

The Selection Committee has the capacity to interpret the rules governing this call for applications and will resolve, with justification, all incidents that may arise in the development of the selection procedure, adopting the precise measures to ensure that applicants with disabilities enjoy similar conditions to the rest of the applicants when performing the exercises.

The Selection Committee's procedures will at all times comply with the provisions of Law 39/2015, of October 1, on the Common Administrative Procedure of Public Administrations, and Law 40/2015, of October 1, on the Legal Regime of the Public Sector, and other applicable regulations. The members of the Committee 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 for applications that could compromise the objectivity of the process. They will also commit to not disclosing in any way any information related to the selection process and the evaluated candidates, which information will be treated as confidential.

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

Candidates may challenge the members of the Selection Committee 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, and may not approve or declare that a number of candidates greater than the number of places offered have passed the selection tests.

7. ADMISSION OF APPLICANTS

Once the application period has ended, the Selection Committee will analyze the applications submitted to determine the people admitted and excluded from participating in the selection process, based on compliance with the minimum requirements and those established in the profile of the position they are applying for.

Once the applications have been reviewed, the Selection Committee will publish a **provisional list of admitted and excluded candidates for the selection process**, based on their compliance with the requirements established in the job profile for which they are applying. This list will include, where applicable, the reasons for exclusion. It will be published on the CIIAE website. Applicants expressly excluded, as well as those who may not appear on the provisional list, will have a period of **three working days** from the day following its publication, to correct the defect that motivated their exclusion or express non-inclusion.

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

All the aforementioned lists, as well as the date of the tests that will be carried out during the selection process, will be published on the CIIAE website.

8. DEVELOPMENT OF THE SELECTIVE PROCEDURE FOR CONTRACTING

The selection process will be conducted through a competitive examination system, in accordance with the selection criteria described below, which will be included in each call for applications. If several calls for applications are issued under these terms and conditions, the selection criteria set out in each call for applications will take precedence over those described below.

Therefore, according to the above, the selection procedure will be carried out in two phases as follows: following:

1. Merit and curriculum assessment phase (contest).



This phase will be preliminary and eliminatory and will consist of the evaluation of the merits of the people who have requested to participate in the procedure as candidates for the offered positions.

The Selection Committee will conduct a merit-based and curriculum-based assessment of each applicant's application, taking into account their professional and academic experience and qualifications as demonstrated in relation to the job profile. The maximum score, along with the evaluation and selection criteria and sub-criteria, is shown in the following table:

Description of the selection criteria	Maximum score
Criterion 1: Academic and/or scientific-technical background of the applicant	Up to 60 points
- Sub-criterion 1.a): Scientific and technical contributions: The applicant's academic record and other curricular merits will be assessed, as well as their suitability to the tasks to be performed (see section "tasks to be developed") based on their training and professional experience.	Up to 50 points
Subcriterion 1.b): Mobility and internationalization. The relevance and impact of the applicant's research career will be assessed, as well as stays in national and international centers and/or in the industrial sector, taking into account the prestige of the receiving entity of the stay and the activity carried out in it.	Up to 10 points
Applicants who do not reach a minimum of :	30 points

Once the assessment of the experience and merits claimed has been carried out, the Selection Committee will proceed to publish, on the FUNDECYT-PCTEX website and on the CIIAE website, the score obtained and the people who pass to the next phase.

FUNDECYT-PCTEX may request documentation from applicants at any time during the selection process to verify their qualifications and experience. In any case, selected applicants must provide, before being hired, an authentic copy of the qualifications that demonstrate they meet the requirements of the call for applications for each position, as stipulated in **point 10 of these Terms and Conditions** .

2. Interview phase (opposition) .

The interview or competitive examination phase will consist of an oral practical test where the Selection Committee will verify, assess, and classify the applicant's aptitude and ability in relation to their suitability for the profile and the duties to be performed. Specifically, the maximum score to be awarded in this phase, along with the established selection criteria and sub-criteria, are set out in the following table:

Description of the selection criteria	Maximum score
Criterion 1: Suitability of the applicant to the research activities to be carried out The suitability of the individual for the program, project, or research activities will be assessed based on their prior training and experience. This assessment will consider the added value that the project will represent for their research career, as well as the value they will contribute to the institution and the host team.	Up to 40 points
Applicants who do not reach a minimum of :	20 points

In this case, applicants will be summoned, by telephone or in a verifiable manner, to set the date and time of the interview.

The final outcome 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 completed, the Selection Committee will submit to the Managing Director for approval, by means of a formal record drawn up for this purpose, the proposal of selected persons to fill the advertised positions, together with the ordered list of the remaining applicants, thus forming a **waiting list** that will be governed by **section 10** 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 procedure, the evaluation and the justification of the suitability of the selected person, based on the criteria and sub-criteria set out in **section 8** of these contracting rules.

The Selection Committee may also submit to the Managing Director, for approval, the declaration of the competitive examination (complete or of some of the positions) as unsuccessful, if it considers that, after the completion of any of the phases of the selection system or process, no applicant meets the ideal profile for its coverage.

The Managing Director will publish on the CIIAE website the hiring decision with the selected candidate(s) and the list of qualified individuals for the positions to be filled, which will constitute the **waiting list** in order of 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, where applicable, it will publish the Resolution declaring the selection process deserted, if no person meets the ideal profile for filling the position.

10. SUBMISSION OF DOCUMENTS AND AWARD

The selected candidates will be notified to be 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 period of **five working days** from their appointment, the following documents, if they have not already submitted them with the application to participate in the selection process:

- a) Sworn statement or declaration that they have not been dismissed from the service of any Public Administration through disciplinary proceedings, nor are they subject to absolute or special disqualification from public employment or office by judicial ruling. In the case of being a national of another State, they must submit, in addition to the declaration relating to the State, the following : Spanish, sworn statement or promise that he/she is not disqualified or in an equivalent situation nor has been subject to disciplinary sanction or equivalent that prevents, in their State, access to public employment on the same terms.
- b) Declaration that you are not currently engaged in any other public or private activity that may require prior authorization or recognition of compatibility.
- c) Declaration of Responsibility stating that you have not been convicted in the last five years by final judgment in judicial proceedings of any kind relating to claims in economic matters and/or financial.
- d) A declaration of responsibility regarding compliance with the requirements established in Article 21(a) of Law 14/2011, of June 1, to be eligible to enter into a predoctoral contract or, failing that, to be in a position to meet the requirements at the time of formalizing the contract. This declaration must include an express statement declaring that the applicant does not hold a doctoral degree from any Spanish or foreign university.
- e) Original documents for verification purposes, including photocopies submitted throughout the selection process: Original academic degree required for the position (if the degree is not available, a certificate of studies may be submitted); originals of other degrees, diplomas, or certificates submitted. In the case of degrees from foreign countries, a translation into Spanish or English must be provided.

The Selection Committee may exclude the selected candidate at this time if the documents submitted under this section do not adequately demonstrate that the candidate meets the necessary requirements for employment. In this case, the Selection Committee will submit to the Managing Director a proposal to award the position to the next highest-scoring candidate on the **waiting list established under the previous section** , and the procedures established herein will then be followed. paragraph.

In the event that the selected person does not submit the documentation mentioned in this rule

within the maximum period of **five working days** , provided that this circumstance has not occurred due to causes completely beyond their control, the **Selection Committee** will submit to the **Managing Director** the proposal to award the position to the next highest-scoring applicant on the **waiting list** established according to the previous section , and from that moment the procedures established in this rule will be followed. paragraph.

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

In this way, a waiting list will be created, in descending order according to the ranking obtained by the APPLICANTS in the selection procedure.

Finally, you will be summoned for a new hire medical examination to verify that you do not suffer from any illness or physical or mental limitation incompatible with the performance of the job.

11. FORMALIZATION OF THE CONTRACT

The incorporation into the job will take place within **30 calendar days** following the formal request by FUNDECYT-PCTEX.

The legal framework for the job position subject to the selection process will have the characteristics, nature and scope expressed in these rules.

12. SUPPOSED VACANCY FOR A POSITION ALREADY ASSIGNED

It is possible that, for various reasons, the assigned position may become vacant before the contract ends, either TEMPORARILY or PERMANENTLY. In these cases, candidates may be referred to the **waiting list**. constituted as described in sections 9 and 10 of these terms.

In the event that the position becomes TEMPORARILY vacant without the maximum contract duration having been reached, a new call for applications will not be made, but the Selection Committee will present to the Managing Director the proposal to award the position to the next finalist candidate, and from that moment on the procedures established in section 11 will be followed.

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

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

Among the scenarios that can lead to this situation are:

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

In the event that the position becomes permanently vacant without the maximum contract duration having been reached, a new call for applications will not be made, but the Selection Committee will present to the Managing Director the proposal to award the position to the next finalist candidate, and from that moment on the procedures established in section 11 will be followed.

The resignation of the following finalist candidate(s) from the definitive filling of the position will result in their being moved to the end of the call list, but not their exclusion from the list. Among the scenarios that can lead to this situation are:

- Loss of position due to disciplinary reasons.
- Causes 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 abandon his job as a result of being a victim of gender violence.
- Supervening ineptitude.

The selected person will be summoned for a new hire medical examination to verify that they do not suffer from any illness or physical or mental limitation incompatible with the performance of the job.

No job pools will be created in accordance with these hiring guidelines.

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 by candidates through the submission of their application, as well as any data that may be 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 advertised positions.

Participation in the selection processes of FUNDECYT-PCTEX and CIIAE is voluntary, therefore the communication of your personal data to FUNDECYT-PCTEX is also voluntary, 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 for the stated purpose, without prejudice to the fact that, since said processing is entirely voluntary, they may object to it 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 de la Universidad de Extremadura, 06006 Badajoz, SPAIN, in accordance with the regulations applicable.

If you provide us with information regarding your health and/or disability in order to apply for positions reserved for people with disabilities under current legislation, you declare that your declaration is voluntary and implies your express consent for FUNDECYT-PCTEX to store said 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 expired.

14. PUBLICITY OF THE PROCESS

All communications related to 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

Signature: Badajoz, on the date of the electronic signature

ANNEX I: APPLICATION FORM FOR PARTICIPATION IN THE SELECTION PROCEDURE

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:
DATE OF BIRTH:
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: **IJ-INTERGAMP (HIDRÓGENO Y POWER-TO-X)**

(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

ANNEX II : CALL FOR APPLICATIONS

Junior Researcher

Position:		Junior Researcher associated with the projects: i) National Knowledge Generation PID2023-152312OA-I00 (InterGAMP) project)	
Projects:		INTERGAMP	
Professional category:		Junior Doctor	Contribution group:
Work Center:		University of Extremadura. Cáceres Campus	
Number of places:		1	Reservation percentage, if applicable:
Department:		HYDROGEN AND POWER-TO-X	
Offer date:		DOE Publication	Deadline for submitting offers: 15 calendar days , starting from the day following publication in the DOE (Official Gazette of Extremadura)
Application for participation:	Annex I of the call for proposals.		APPLICANTS MUST SEND ALL DOCUMENTATION FROM POINT 5 OF THE RULES, indicating <u>Ref. IJ-INTERGAMP (HYDROGEN AND POWER-TO-X)</u> In addition to the mandatory documentation above, the following will be assessed: -Motivation letter (maximum 2 pages)
Documents to accompany the application:	The documents related to the point 5 of the Bases of the call		
Contact information for submitting applications		FUNDECYT-PCTEX (Science and Technology Park Building), Avda. de la Investigación, s/n, PCTEX Building, University of Extremadura Campus – 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:		First quarter 2026	Probation: 2 MONTHS
Waiting list		Yes, according to the regulations of points 9 and 10 of the Bases of the call	
Conditions and requirements for applicants:		Those established in point 4 of the Call Bases	

Members of the selection body:	Presidency: David Parra Mendoza
	Secretary and member: Lucía Cordón Masero
	Member: Catarina Rodrigues Matos
	Member: Blanca Arias Serrano
Tasks to be developed:	InterGAmP project focuses on developing distributed and decarbonized electrocatalytic ammonia synthesis, compared to centralized, carbon-intensive Haber-Bosch (HB) synthesis, using an interdisciplinary methodology. Two different technologies will be developed: low- and high-temperature electrocatalytic ammonia synthesis (eNH₃) at laboratory scale. Importantly, the bench-scale results will inform energy system modeling for ammonia production by providing relevant input data such as materials, reaction conditions, faradaic and energy efficiencies, throughput rate, and balance of plant, which will then be used to determine life-cycle cost (LCC) and life-cycle emissions (LCE). Specifically, energy system models will be developed for two electrocatalytic routes, namely low- and high-temperature, as well as for the Haber-Bosch plants, to understand the different ammonia pathways based on technology, geography, and regulations. Additionally, we will perform a sensitivity analysis to determine break-even points for electrocatalytic ammonia synthesis to inform bench-scale performance targets—i.e., a feedback loop. The InterGAmP project will contribute in a timely manner to a strategic action of the State Plan for Scientific, Technical and Innovation Research 2021-2023, specifically "Climate, Energy and Mobility," by developing sound techno-economic and regulatory technologies for the electrocatalytic synthesis of ammonia. The successful candidate is expected to perform the following tasks in collaboration with experimental and theoretical scientists, with the latter performing simulations: – Creation of LCA and techno-economic models on technologies for the decarbonization of ammonia production – Providing recommendations to decision makers based on modeling results – Collaborations with experimental researchers from CIIAE and beyond – Successful collaboration with universities, research institutes and companies at national and international level – Writing the publication as first author and co-author – Management and administration of the INTERGAMP project – Becoming gradually more independent, in order to conduct, manage and lead an independent project Challenges: There are a large number of available technologies and actors (e.g., households and industry), as well as intrinsic uncertainty that makes energy system models complex. A large amount of data is also generated, making it challenging to evaluate important results to provide policy recommendations.
Academic training:	PhD in engineering, mathematics, physics, computer science, economics, or related numerical disciplines. If you are still completing your thesis, the document must be submitted in order to sign the contract.
Other formation:	n/a
Contract duration:	12 months or end of financing (whichever comes first)

Remuneration:	Gross Annual Salary: 37.218,30 €	Financing:	State Research Agency/ MCIU
Details of the selection process: - Technical test: NO - Language : YES (will be assessed during the interview) - Job interview : YES			
Evaluation: evaluable criteria and subcriteria		MERIT AND CURRICULAR EVALUATION PHASE (COMPETITION): up to 60 points	
		• Specific techniques (analytical, software, calculations, prototyping, etc.) – Excellent analytical skills and experience in theoretical and applied modeling – Life Cycle Analysis and Techno-Economic Analysis (experience and skills using Ecoivent , OpenLCA , Brithway , PREMISE, etc.) – Experience in modeling and optimization of energy systems – Programming experience (any language, but work can be primarily in Python and Matlab). – Knowledge in ASPEN type chemical process modeling – Knowledge of energy technologies, including renewable energy, hydrogen, flexibility technologies and Power - to -X – Knowledge of thermodynamics • Participation and/or collaboration in R&D&I/business projects – Demonstrated participation in at least 1 R&D project • Languages – Excellent oral and written skills in English • Transversal skills – Commitment to open science in terms of research methods, data and publications – Ability to work in a diverse and flexible academic environment as part of a team, but also independently – Experience in collaborating with other colleagues from the same department, center and other institutions • Willingness to travel and remain away from the workplace – The candidate may travel, both nationally and internationally, in the context of the project and conferences. • Publications: scientific articles (in journals indexed in Web of Science and/or Scopus), theses (PhD and/or Master's), conference presentations, reports, technical reports, technical guides, etc. – A solid track record of publications as first and co-author is expected, as the candidate must publish in leading journals in the field. At least three publications in Scopus-indexed journals are required. Alternatively, a monograph thesis and conference publications may also be considered.	

	• To be valued – Motivation letter (maximum 2 pages) included in the application. – Demonstrated experience with agent-based modeling ("ABM") – Knowledge of power flow analysis – Experience with "statistical learning models and machine learning" – "GIS" Modeling – Experience with industry collaborations and/or previous experience working in industry
	INTERVIEW PHASE (OPPOSITION): up to 40 points – Evaluation provided by two references in a 10-15 minute telephone conversation. To this end, the candidate must provide the email and phone number of two people when submitting the CV application. The selection committee will contact them to request these references. – Candidate's interest in integrating into the organization and the project. – Adequacy of knowledge, experience and other requirements to the candidate's profile. – Competencies, aptitudes, skills and abilities: managerial, organizational, analytical, human team management, communication. – Communication skills in English, Spanish and/or Portuguese.

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