

JOB OFFER

Level 2 Technician - BioPorEN

Position:		Level 2 Technician associated with the BioPorEn project		
Project:		CIIAE-Ref° T2-BIOPorEn (HYDROGEN AND POWER-TO-X)		
Professional category:		Level 2 Technician	Quotation 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 bids:	15 calendar days, starting from the day after publication in the DOE (Official Gazette of Extremadura)
Application for participation:	Annex I of the terms of the call.		Application submission method for candidates :	Applicants must send all the documentation from point 5 of the terms and conditions, indicating <u>Ref. T2- BIOPorEn (HYDROGEN AND POWER-TO-X)</u> In addition to the mandatory documentation listed above, the following will be considered: -Letter of motivation (maximum 2 pages)
Documents to accompany the application:	The documents listed in point 5 of the Call for Proposals			
Contact information for submitting applications		FUNDECYT-PCTEX (Science and Technology Park Building), Research Avenue, 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:		January 2026	Probation:	2 MONTHS
Waiting list		Yes, according to the regulations in points 9 and 10 of the Call for Proposals		
Conditions and requirements for applicants:		Those established in point 4 of the Call for Proposals. <u>Training contract for obtaining professional practice</u> . Recruitment aimed at unemployed young people under 30 years of age. At the time of hiring, they must be registered in the National		

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		Youth Guarantee System File as job seekers and registered in the Autonomous Community of Extremadura.	
Members of the selection committee:		President: David Parra Mendoza	
		Secretary and member: Lucía Cordon Masero	
		Member: Cristina Gutiérrez Muñoz	
		Member: José Antonio Villajos Collado	
Tasks to be developed:		BioPorEn project aims to process and study the suitability of biogenic raw materials for the sustainable synthesis of porous materials potentially useful for the physical adsorption of carbon dioxide and hydrogen, in order to facilitate their capture or storage, respectively.	
		The selected candidate is expected to perform the following tasks: - Research related to: - o Preparation of raw materials of biogenic origin for the synthesis of porous materials: Selection of raw materials and study of different preparation/conditioning methods. - o Synthesis of porous materials: Study of synthesis routes and novel methodologies. - o Physicochemical, porous and structural characterization of porous materials. - o Carbon dioxide and hydrogen adsorption studies of the selected materials - Internal and external collaboration, both with other CIIAE teams and with the entity that supports the project. - Participation in internal and external meetings, both virtually and in person. - Communication and dissemination of results in internal and external meetings, support for the writing of articles for specialized journals, and preparation of communications for national and international conferences. - Preparation of scientific and technical reports for the project. - Support for the technical management of the project.	
Academic background:		University degree in Chemistry, Chemical Engineering, Energy Engineering or related disciplines; knowledge of analytical chemistry is a plus.	
Another formation:		n/a	
Contract duration:		12 months	
Remuneration:	<u>Gross Salary + Social Security Contributions:</u> €35,732.36	Financing:	Junta de Extremadura, co-financed by the European Social Fund Plus (ESF+), under the European Social Fund Plus Extremadura 2021-2027 Programme, co-financed at 85%

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Details of the selection process:	
- Technical test: NO - Language : YES (will be assessed during the interview) - Job interview : YES	
Evaluation: evaluable criteria and sub-criteria	MERIT AND CURRICULAR ASSESSMENT PHASE (COMPETITION): up to 50 points
	g. Research area: Demonstrable prior experience in a chemistry laboratory, synthesis of materials (assembly and setup of experimental facilities) (10 points). Use or interpretation of results of physical-chemical characterization techniques (XRD, TGA, DSC, IR/RAMAN, NMR) and gas adsorption/desorption (10 points).
	h. Publication of articles in scientific journals (10 points) i. Participation in research conferences (5 points) j. Awards, mentions or other achievements (5 points) k. Letter of motivation (5 points) l. Reference letters (2.5 points/letter up to a maximum of 5 points)
	INTERVIEW PHASE (COMPETITIVE EXAMINATION): up to 50 points
	e. Suitability of knowledge, experience and other requirements (20 points) f. Competencies, aptitudes, skills and abilities: managerial, organizational, analytical, team management and communication skills (10 points) g. The suitability of the applicant's profile to the position to be filled (10 points) h. Candidate's interest in joining the organization and in performing the duties of the vacancy (10 points)

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