

JUNIOR RESEARCHER

Position: Junior researcher in regulation

Offer date: CIIAE web

Project: CIIAE - REF. IJ- REGULACIÓN (HIDRÓGENO Y POWER-TO-X)

Department: Hydrogen and Power-to-X

Estimated starting date: 2023

Workplace:	University of Extremadura. Cáceres campus	
Tasks to be developed:	<p>Description of the research</p> <p>So-called green hydrogen is considered as a key element for the decarbonisation of the Global, European, Spanish and Portuguese economies, with a special role to be played in different sectors, including energy storage over long periods of time. Yet, many legal barriers remain to facilitate the use of green hydrogen to decarbonise industry, transport and serve as long-term energy storage. The post-doctoral research will consist in an analysis of the Spanish and Portuguese legal framework for the seasonal storage of green hydrogen (from low-carbon sources). Although the research will focus on the Iberian peninsula, it will also include other countries for the sake of comparison and identification of best practices. The post doc will have to work with researchers from other disciplines (such as engineering or economy) in order to tackle some of the research questions, for instance on the economic model to remunerate seasonal storage.</p> <p>The selected candidate is expected to perform the following tasks:</p> <ul style="list-style-type: none"> – Provide recommendations to decision makers based on regulatory analysis – Close interdisciplinary collaboration with colleagues from CIIAE, e.g., technology developers and energy system modellers – Successful collaboration with universities, research institutes and companies at national and international level – Writing publications as first author and co-author (e.g., 2 papers p.a. in a high-ranked journal) – Writing research proposals and contributing to the acquisition of competitive funding, from both private and public sources – Project management and project administration (internal and external), also towards the department and CIIAE – Become gradually more independent, in order to conduct, manage and lead an independent project – Support in the supervision of PhD candidates <p>Challenges: proposing solutions for a sound legal and regulatory framework for energy storage to be adopted at national or EU level. Bridging the gap between the technological requirements, the economic possibilities and the social drivers for the development of storage appliances.</p>	
Duration of the contract and salary (per annum):	Temporary Contract Initial duration: September 2025, with the possibility of extension	Gross Salary + S.S. Fees Gross Salary Range: 35 000 € - 38 000 €
Academic background required:	Doctoral degree in energy law or similar (administrative law, environmental law, EU law, competition law, etc.)	

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Other education:		
Professional experience:		
Job requirements (have to be fulfilled):	Specific techniques (analytical, software, calculations, prototyping, etc.)	Legal research
	Participation and/or collaboration in R&D&I/business projects	Proven participation in 1 R&D project
	Languages	Excellent oral and written skills in English
	Cross-cutting competences	<ul style="list-style-type: none"> – Commitment to open science in terms of research methods, data and publications – Ability to work in a diverse and flexible academic environment in a team-oriented, but independent way – Experience on collaborating with other colleagues from the same department and beyond
	Willingness to travel and stay abroad	The candidate is expected to travel, both nationally and internationally, in the context of projects and conferences
	Publications: scientific articles (in journals indexed in Web of Science and/or Scopus), theses (PhD and/or Master's), presentations at conferences, reports, technical reports, technical guides, etc.	A relevant track-record of academic publications as first author and co-author in Scopus indexed journals and/or book chapters (in books from reputable publishers in the field, such as Edward Elgar, Routledge or OUP). At least 2 such publications.
To be evaluated (adds points to the final evaluation) <ul style="list-style-type: none"> – Knowledge of Spanish and/or Portuguese. – Experience with industrial collaborations and/or previous experience working on industry. – Quality of the submitted research proposal (maximum of 3 pages) which is included in the application. – Motivation letter (maximum 2 pages) included in the application. – Evaluation provided by 2 references via telephone conversation. The contact details of the references (e-mail and telephone) are provided by the candidates in their application. 		
Selection process details: <p>Technical test: Oral knowledge test: No</p> <p>Job Interview: Yes (only if the candidate meets all job requirements). A final evaluation (considering points above) will be made to the candidate after the interview</p>		

Interested candidates

Please, send all the documents requested by the terms and conditions of the call for the proposal, with the deadline being 15 calendar days from the day following the publication in the CIIAE web indicating the following reference: **REF. IJ- REGULACIÓN (HIDRÓGENO Y POWER-TO-X)**

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FUNDECYT-PCTEX (Edificio Parque Científico Tecnológico), Avda. de la Investigación, s/n, Edificio PCTEX, Campus de la Universidad de Extremadura – 06006 Badajoz (España)

Email: ciae.personal@fundecyt-pctex.es Phone number: +34 924 014 594

www.fundecyt-pctex.es

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