

Company Description

WHO ARE WE?

<https://cicenergigune.com/en/who-are-we> WHERE ARE WE?

<https://cicenergigune.com/en/where-are-we> OUR FACILITIES:




<https://cicenergigune.com/en/plant-facilities> EES RESEARCH GROUPS:

<https://cicenergigune.com/en/electrochemical-storage-research-groups> For more details on CIC

energigUNE's research activities please visit our website at

<http://www.cicenergigune.com>

Information

 Deadline: 2024-01-07
 Category: Business
 Province: Araba / Álava

 Country: Basque Country
 City: Vitoria-Gasteiz

Company

CIC energigUNE



Main functions, requisites & benefits

Main functions

POSITION DESCRIPTION: CIC energigUNE is looking for a postdoctoral researcher to work on the development of solid state polymer batteries. **Job functions:** Synthesis and characterization of polymer electrolytes and related materials. Polymer electrolytes formulation, processing from lab-scale to pilot-line, and characterization. Characterization of solid electrolyte-electrode interface (electrochemically and chemically) and proof of concept study of polymer-based solid batteries at the lab level. Write technical reports and procedures. **Area:** Electrochemical energy storage (EES) **Research line:** Polymer-rich electrolyte batteries

Requisites

PhD in Chemistry, Polymer Chemistry, Organic Chemistry, Materials Science, Electrochemistry or a related field is required. Wide experience in synthesis, processing, and characterization of polymeric materials. Experience in polymer electrolytes and lithium batteries. Knowledge of analytical analysis techniques such as NMR, DSC, TGA, and electrochemical workstation. Good verbal and written communication skills in English. Spanish and Basque are optional but not compulsory. A good team player who can collaborate with other researchers and with external partners. Highly motivated to transfer technology to the industry.

Benefits

36-months contract and attractive professional development opportunities with the possibility of renewal based upon satisfactory job performance, continuing availability of funds, and ongoing operational needs. Flexible working hours and hybrid distance/on-site work model. Full access to cutting-edge laboratory facilities and characterization platforms The incorporation to a top research center in Europe that makes high quality research and impactful contributions to the energy and sustainability fields. Professional and personal development: opportunity to attend seminars, international conferences, trainings, etc. Integrated, enthusiastic, international and multidisciplinary environment. A welcome program that offers help with finding accommodation and addresses other aspects to help you integrate into the local environment (such as free language courses, assistance with the administrative procedures, help with schools for children...). For more information: <https://cicenergigune.com/en/work-with-us>