

Company Description

WHO ARE WE?

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


<https://cicenergigune.com/en/pla-facilities> EES RESEARCH GROUP:

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

energigUNE's research activities

please visit our website at <http://www.cicenergigune.com>.

Information

 Deadline: 2023-10-15
 Category: Business
 Province: Araba / Álava

 Country: Basque Country
 City: Vitoria-Gasteiz

Company

CIC energigUNE

CIC energigUNE
 MEMBER OF
 BASQUE RESEARCH
 & TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

The person selected will join a dynamic Research Team dedicated to the synthesis, characterization and recycling of battery materials at CIC energigUNE. His/her research activities will involve the synthesis of inorganic compounds to be used as electrode or electrolyte materials for Li-ion and Na-ion batteries, as well as their physical-chemical, structural and electrochemical characterization. Main functions: Carry out synthesis of inorganic materials using different synthesis routes (sol-gel, hydro/solvothermal, co-precipitation, solid-state, under air or under control atmosphere). Perform physical-chemical and structural characterizations, including XRD, SEM-EDX, TGA-MS, ICP, IR, Raman, etc. Assemble battery cells at lab level and perform electrochemical evaluation of the new electrode and electrolyte materials. Give support to research projects, carried out in collaboration with regional, national and international research groups and industrial partners. Management of the lab supply. Support preparing written reports and technical documentation. Área: Electrochemical energy storage (EES) Research group: Advanced Electrode Materials

Requisites

Bachelor or Master in Chemical or Materials science. Knowledge and/or interest in automation and/or computer programming will be valued (but not compulsory). A good level of spoken and written English. A team player who can collaborate with other researchers and research groups. Self-motivation and autonomy.

Benefits

12-month contract. Flexible working hours. Full access to cutting-edge infrastructures and laboratory equipment. Professional and personal development; opportunity to attend seminars, lectures, in-house trainings, etc. Integrated, enthusiastic, international and multidisciplinary environment.