

Company Description

CIC energiGUNE is an energy research centre based in the Basque Country of Spain. Its mission is to play a leading role on the international stage in the field of energy storage technologies and contribute to the industrial competitiveness of Basque Country. CIC is a world-class research facility with cutting-edge equipments. CIC is composed of young, international and dynamic research teams.

Information

Deadline: 2019-12-27
Category: Business
Province: Araba / Álava

Country: Basque Country
City: Vitoria

Company

CIC energiGUNE

CIC
energi
GUNE
MEMBER OF
BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

Integration of a high-voltage cathode material and a high-capacity anode material into a full Li-ion cell. Advanced characterization of cathode and anode materials, cell components and their interfaces using a wide range of techniques (X-ray and neutron powder diffraction, electron microscopy, XPS, solid-state NMR and Raman spectroscopies, etc. as well as electrochemical techniques). Complete understanding of the degradation mechanisms occurring at materials and cell levels. Write technical reports and publications for high-impact journals. Supervise technicians.

Requisites

PhD Solid-State Chemistry, Materials Science, Chemistry, Chemical engineering or any related field. Experience in material characterizations and batteries. Demonstrated self-motivation and ability to work independently. A good team player who can collaborate with other groups, academic and industrial partners. Good verbal and written communication skills in English (Spanish is not compulsory).

Benefits

We offer a 42-month contract and attractive professional development opportunities in the framework of a recently funded European Project. The Foundation will also help smooth the transition for you and your family, providing a welcome program that offers accommodation and addresses other aspects to help you integrate into the local environment.

