

Company Description

CIDETEC is a Technology Centre that brings together three leading international centres in the fields of Energy Storage, Surface Engineering and Nanomedicine. For more than 25 years, we have been working with leading companies to develop technology that makes the world a better place.

Information

 Deadline: 2024-02-29
 Category: Business
 Province: Gipuzkoa

 Country: Basque Country
 City: San Sebastián

Company

CIDETEC



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a greater future today

Main functions, requisites & benefits

Main functions

Your work will focus on the following activities: Pouch/cylindrical cell opening and rigid housing in controlled atmosphere conditions (glove chamber). Physical-chemical characterisation of cell materials and components (SEM-EDX, TEM, XRD, XPS, Raman, NMR, TGA). Electrochemical characterisation of electrodes and cells (GITT, EIS, CV). Assembly of button cells in controlled atmosphere conditions (glove chamber, dry chamber). Project management. Drafting of project proposals.

Requisites

Education: PhD in the field of Advanced Materials for Energy. Languages: Fluent in spoken and written English. Knowledge: The successful candidate will demonstrate a sound knowledge in: Inorganic chemistry, electrochemistry and advanced materials. R&D in battery systems and post-mortem analysis. Characterising techniques, SEM-EDX, TEM, XRD, NMR, Raman, XPS, FTIR, TGA, gas adsorption (BET & BJH). Electrochemical characterisation of batteries (GITT, EIS, CV). Observations: A highly motivated person, with a keen interest in research and innovation, you will join a multidisciplinary team. You will be able to organise your work, meeting both the deadlines and the established objectives. Problem-solving capacity and scientific criteria. Good communication skills, both verbal and written. Having undertaken a placement abroad and more than 3 years' work experience will be considered a plus.

Benefits

At CIDETEC you will be able to develop your career alongside a team of top-level professionals, in a young yet committed environment, dedicated to innovation and seeking to provide practical solutions that result in a more sustainable world. Professional development opportunities that allow you to build a solid career, working on projects that transform both industry and society. Work with teams at the very highest level in local, national and European settings. Work-life balance initiatives. Continuous training. Privileged setting in a safe and friendly environment. Variable remuneration package for all employees.