


## Company Description

CIC energiGUNE is a research center specialized in energy, electrochemical storage (batteries and supercapacitors), thermal energy solutions and hydrogen, a member of the Basque Research and Technology Alliance- BRTA, and, a strategic initiative of the Basque Government. CIC energiGUNE was created in 2011 to generate excellent knowledge and at the same time useful for the Basque business network, being a reference in knowledge transfer. CIC energiGUNE has a dynamic research team of more than 100 researchers and is extremely well equipped with a wide range of up-to-date facilities that are fully available for all its researchers. Also, the European Commission has recently (2019) awarded CIC energiGUNE with the 'HR Excellence in Research' which reflects its commitment to achieving fair and transparent recruitment and appraisal procedures and certifies the existence of a stimulating and favorable work environment for researchers in the institution. For more details on CIC energiGUNE's research activities please visit our website at <http://www.cicenergigune.com>

## Information

 Deadline: 2023-02-28
  Country: Basque Country  
 Category: Business
  City: Vitoria - Gasteiz  
 Province: Araba / Álava

## Company

CIC energiGUNE



## Main functions, requisites & benefits

### Main functions

CIC energiGUNE is seeking a Laboratory Technician to work in the development of new electrodes and electrolytes for advanced Li-ion batteries. Job functions: Formulation of electrodes and electrolytes combining different solvents, salts and additives. Electrodes and electrolytes processing by different dry and wet mixing methods such as extrusion, high-shear mixing... Characterization of the different components of the cell using techniques as rheology, mechanical tests and other physicochemical characterizations. Cell assembly of coin and pouch cells. Basic electrochemical evaluation of the formulated electrolytes in Li-ion coin cells.

### Requisites

Degree or occupational training in Chemical Engineering, Materials Science or related fields. Experience and knowledge in the following will be required: Experience in polymer processing. Formulation of electrodes and electrolytes. Highly valued: Characterization techniques as rheology and mechanical tests. Electrochemical characterization techniques Ability to identify and solve technical problems. Proficiency for quickly learning new skills or field of study. Good verbal skills in English. Demonstrated self-motivation and ability to work independently. A good team player who can collaborate with other team members.

### Benefits

We are offering a 12-month contract and professional development opportunities with a competitive salary within the category. Access to a complete set of existing laboratory infrastructure and equipment to ensure a fruitful stay and the fulfillment of the objectives in due time. Candidates will join an integrated, enthusiastic, and multidisciplinary institute making high quality research and impactful contributions to the energy and sustainability fields. CIC energiGUNE will also help smooth the transition for you and your family, providing a welcome program that offers help with accommodation and addresses other aspects to help you integrate into the local environment (such as free language courses, help with schools for children...). CIC energiGUNE is located close to the city of Vitoria-Gasteiz (Spain), in the heart of the Basque Country. The Basque Country is the region with the highest R&D investment in Spain, with more than 20.000 researchers. The basque research ecosystem comprises a solid and collaborating community composed of universities, technology and cooperative research centers. For more information: <https://cicenergigune.com/en/work-with-us>