

## 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 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: 2021-10-31  Country: Basque Country  
 Category: Business  City: VITORIA-GASTEIZ  
 Province: Araba / Alava

## Company

CIC energiGUNE



## Main functions, requisites & benefits

### Main functions

CIC energiGUNE is seeking for a strong candidate for a PhD project dedicated to investigation of recently discovered triboelectrification phenomenon during reversible intrusion of non-wetting liquid into nanopores. The position is open within FET Proactive project Electro-intrusion, which received funding from European commission and is dedicated to investigation of contact electrification and thermal effects during forced non-wetting liquid intrusion and its spontaneous extrusion into-from nanopores for the benefit of storage and conversion application. This exciting project implies active collaboration with theoretical, experimental and engineering teams – members of the project consortium. **JOB FUNCTIONS:** To perform high-quality research within the scope of the project. To publish the obtained results in high impact journals. To present the obtained results in international conferences. To provide guidance to Master - and visiting-students when required.

### Requisites

MSc in Physical, Chemical or Engineering sciences. Excellent academic record. Experience in research projects participation will be considered as a plus. A team player who can collaborate with other groups, technical centers, and industries. Excellent verbal and written communication skills in English. Basic knowledge in computation and programming will be considered as advantage. Demonstrated self-motivation and ability to work independently.

### Benefits

A 3-year predoctoral contract and advantageous professional development opportunities. In addition to the appeal of the entire project, the CIC energiGUNE offers a competitive basic salary augmented by important benefits such as special conditions for a private health insurance that compare favorably with the best global private and public institutions. The Fundación 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.