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**Code:**

**Project: 2BoSS**

**Area: Advanced Materials for Energy**

**Area leader: Prof. Joan Ramon Morante**

**Group: Functional Nanomaterials Group**

**Group leader: Prof. ICREA Andreu Cabot**

## **Part-Time Senior Research Position**

The Functional Nanomaterials Group in the Advanced Materials for Energy Area of IREC announces a part-time senior research position available for a highly motivated candidate to work on the project 2BoSS: Toward sustainable batteries based on silicon, sulfur, and biomass-derived carbon

The 2BoSS project will develop an innovative, durable, and circular battery technology based on Li-S chemistry, the processing of part of the required raw materials, and the associated recycling strategies to minimize the use of critical raw materials. 2BoSS will turn commercial batteries compatible with a more circular economy, enhancing their performance, extending their service life, and assuring a more sustainable production and the entire lifecycle.

The candidate will focus on the assembly and testing of prototype Li-S batteries.

The candidate must have a PhD degree in Chemistry, Physics, Material Science or equivalent and previous experience in the fabrication and test of batteries.

### **Additional information:**

- CV, personal references and a motivation letter have to be sent to Dr. Andreu Cabot ([acabot@irec.cat](mailto:acabot@irec.cat)).
- Deadline for applications: August 30<sup>th</sup> 2023
- Incorporation: September 2023

The recruitment process will follow the guidelines of the European Charter of Researchers. Further information can be directly obtained from Andreu Cabot ([acabot@irec.cat](mailto:acabot@irec.cat)).