



Shaping Energy for a Sustainable Future

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Project Acronym: Carboformic

Project title: Atmospheric CO₂ transformation into clean and renewable energy carrier

Host Institution: Catalonia Institute for Energy Research - IREC

Group: Functional Nanomaterials

Group Leader: Dr. Andreu Cabot

Call for Applications: R1 First Stage Research Position

The Functional Nanomaterials Group in the Advanced Materials for Energy Area of IREC announces a short term Research Position available for a highly motivated candidate to work in the Carboformic Project: Atmospheric CO₂ transformation into clean and renewable energy carrier.

The project will develop electrocatalysts for CO₂ conversion to formate and for formate oxidation to CO₂. The candidate will carry out a multidisciplinary activity in line with the project main goal, which will include synthesis of materials, and their structural, chemical and functional characterization. Candidate must have a degree in Chemistry, Physics, Material Science or equivalent. Previous experience in nanoparticle synthesis and characterization will very valuable for the position.

Additional information:

- CV, personal references and a motivation letter have to be sent to Dr. Andreu Cabot (acabot@irec.cat).
- **Deadline for applications:** August 15th 2020, 12:00 AM (Spanish local time)
- **Incorporation:** October 2020
- **Duration of the contract:** 3 months
- **Gross salary:** 17.774,33 Euros/year

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).