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**Code: Carboformic**

**Project: Atmospheric CO<sub>2</sub> transformation into clean and renewable energy carrier**

**Area: Advanced Materials for Energy**

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

**Group: Functional Nanomaterials Group**

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

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 CO<sub>2</sub> transformation into clean and renewable energy carrier.

### **R1 First Stage Researcher Position**

The project will develop electrocatalysts for CO<sub>2</sub> conversion to formate and for formate oxidation to CO<sub>2</sub>.

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 Bachelor and a Master 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:** March 15th 2021, 12:00 AM (Spanish local time)

**Incorporation:** May 2021

**Duration of the contract:** 8 months

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).