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Project:

Area: Energy Efficiency in Systems, Buildings and Communities Area

Group: Energy Systems Analytics Group

Group leader: Dra. Cristina Corchero García

Job Title: “R1 - Project Engineer for LCA and LCC for energy technologies”

Description:

The Energy Systems Analytics Research Group is seeking for a Project Engineer in the field of Life Cycle Assessment and economic assessment for energy technologies.

Its main duties will be to participate in European project tasks focused on the LCA analysis of different energy technologies such as battery systems, renewable energies and advanced materials for energy.

This candidate must have high education qualifications and experience in life cycle assessment (LCA), economic assessment (LCC), proven knowledge in LCA software (LCA for Experts (former GaBi) and Ecoinvent database), applied to the energy sector, energy storage systems for electric vehicles, renewable energies and advanced materials for energy. Capability to work in a team, flexible, innovative, with initiative and problem solving skills. High level of analytical and synthesis skills.

The candidate is expected to provide engineering support for the energy economics aspects of IREC projects integrated as part of the Energy Efficiency in Systems and Communities Research Area.

Qualifications and experience required:

Essential:

The call is open to professionals from any nationalities that fulfil the following eligibility criteria:

- Hold a Degree in the areas of Industrial Engineering, Electrical Engineering, Energy Engineering, Civil Engineering or Environmental Sciences related with LCA or LCC techniques.
- LCA experience in the field of renewable energy systems, preferable energy storage systems.
- Knowledge in LCA software (GaBi) and databases.

Preferred:

- Master studies will be beneficial.
- Knowledge and experience in projects in the energy sector, especially in renewable energies, advance materials for energy, energy storage systems.
- Knowledge of financial aspects related to energy projects.
- Good communication skills; ability to communicate complex scientific information to individuals from other disciplines.
- LCA or LCC related scientific publications.

Language required:

Fluent in Spanish and English

Personal Skills:

- Team Worker
- Initiative in Research and Innovation
- Flexibility
- Results-oriented
- Analytical and synthesis capabilities

Technical knowledge:

- Experience in LCA and LCA software and database (GaBi, Ecoinvent, ...)

Send applications by email directly to (irecjobs@irec.cat) indicating Ref. 58/2023 in the subject of the e-mail. including CV, academic and professional records and motivation letter.