

Researcher Green IT – Thermal Energy and Building Performance Group

Reporting to the Head of the Thermal Energy and Building Performance Group, he/she will work as project engineer in projects related to Green IT.

Description: He /she will be work on the analysis of thermal consumption of data center (DC) and propose efficient systems of production, preparing feasibility studies for integration of renewable energy in CPD, doing research on improvements in this area, attend seminars on the subject and be aware of the innovations, stay in touch with manufacturers of equipment for the HVAC CPD to know market trends, collaboration in preparing proposals for submission to national and European R&D funding programs, search for partners such as companies, universities and research centers for project development.

Requirements: Experience in cooling systems, good knowledge of the issues related to the design of CPD rooms, metrics. Person methodical and rigorous and scientific spirit, results oriented, teamwork and good communication skills.

University degree in Mechanical Engineering, or similar required. Mastery of English on all levels essential. Knowledge of other languages desirable.

Valuable: Knowledge in simulation tools TRNSYS, CFD.

We offer: The chance to become part of an exciting project currently being set up, with national recognition and international projection, developing cross-cutting projects in science and technology, oriented toward excellence. A team comprised of highly qualified and motivated professionals.

Workplace: Barcelona.

Applicants should send a detailed CV and a letter of motivation to Mónica Aresté (mareste@irec.cat).

Please indicate “Ref: Green IT” in the subject