

Company Description

Tecnalia Corporation has been set up as a multidisciplinary Technology Corporation, of a private and independent nature, with the mission to contribute value and wealth to the society in general, and to the business base in particular, through research, technological development and innovation in an international context. The Corporation offers the people comprising it a framework for competence and professional development by generating opportunities for their professional future. Shared knowledge, making use of the potential and diversity of an eminently creative, innovative, and professional group are the principles underpinning our culture and values.

Information

📅 Deadline: 2019-05-30
🏢 Category: Business
📍 Province: Bizkaia

🌍 Country: Basque Country
🏢 City: Parque Tecnológico de Bizkaia (Derio)

Company

Tecnalia Research and Innovation



Main functions, requisites & benefits

Main functions

In the Building Technologies Division of TECNALIA we want to strengthen the Building and City team by incorporating a Senior Researcher oriented to the development of innovative products and R & D projects to respond to the technological challenges of the built environment. It will focus on improving the sustainability and energy efficiency of buildings and cities working on the conceptualization of solutions, integration of ICTs, validating proposals with simulation models and through experimental development, for which we have the KUBIKby Tecnalia full-scale infrastructure. Responsibilities:

- Lead high-level technical projects aimed at the design and development of innovative solutions and technological assets for the sustainable transformation of buildings and cities.
- You will work closely with ICT experts to create new digital solutions.
- You will collaborate in the ideation and elaboration of proposals for national and international clients.
- Participate in the technological development of the area, identifying new challenges and devising and writing R & D proposals for the scientific-technological development of the area.
- Promote collaborations with other research groups at the regional, national and international levels.

Requisites

- Higher Industrial Engineering, preferably Energy specialty. The title of doctor and postgraduate experience in energy efficiency in the building will be highly valued.
- Minimum 5 years experience in R & D and / or engineering related to the design and optimization of solutions applied to the building and the city.
- Knowledge of dynamic thermal simulation (Modelica, Energy +, etc.).
- High level of English and spoken and written Spanish.
- In addition, we value: Knowledge of methods and software for data analysis, programming (MATLAB, C ++, etc.), professional accreditations (CMVP, CEM, etc.) Participation in multidisciplinary R & D projects with capacity for technical interlocation with different professional profiles.

Benefits

If you are a proactive, responsible and decisive person with the ability to adapt and work in a team, who feel motivated by research and technology transfer to companies, we offer you:

- o Great opportunities for professional development participating in projects related to sustainable urban transformation through technology.
- o Integration in a multidisciplinary team referring to European level in energy efficiency in buildings and cities.