




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: 2019-05-31
 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 transform Infrastructures by making them safer and economically sustainable, providing them with intelligence, optimizing their performance and extending their lifespan through innovative solutions that enable a better decision-making. We want to strengthen the Civil Infrastructures team by incorporating a Senior Researcher focused on the development of R&D projects to tackle the technological challenges in the field of structural engineering. In TECNALIA. Research interests include, but are not limited to, structural health monitoring and data analytics, asset management and inspection methods, innovative strengthening and repair solutions, and advanced computational modeling. Responsibilities:

You will join a dynamic team of researchers and engineers working on R&D projects in Transport and Infrastructures at national and international level.

You will lead/manage highly technical projects aimed at the design and development of innovative solutions and technological assets for the creation of new business opportunities.

You will take a leading role in project preparations and will have project management responsibilities; while participating in the practical research work.

You will promote collaborations with other groups at international level.

Requisites

Doctoral degree in Civil, Structural, Mechanical Engineering or similar.

Proven experience in research projects related to the above mentioned fields, creating new solutions, patents, pilot projects or other relevant research outputs.

Experience in the development, management and leadership of publicly or privately funded research projects.

Excellent research record in this field.

Fluency in English and Spanish.

Programming skills and advanced command of finite element analysis packages is a plus.

Benefits

If you are a proactive, committed team-player with the ability to work independently and motivated to work in an applied research organization, we offer great opportunities for professional development participating in challenging projects related to sustainable transformation of resilient and intelligent infrastructures through technology.