Company Description

BC3 is a Research Centre on the causes and consequences of climate change. Led by one of the most recognized scientists in the Climate Change field -Prof. Maria José Sanz, we produce multidisciplinary knowledge to support decision making towards sustainable development at the international level. With a multidisciplinary team, connected to the main scientific institutions, networks and socio-economic agents, for a decade, our contribution to research of climate change and to the science-policy interface puts us in a unique position to offer knowledge, tools, new methodologies and cross-cutting proposals, that we lead towards action in a collaborative framework with stakeholders, to design and help implement policies aimed at sustainable development.

Information

- Deadline: 2025-03-07
- Category: Academia
- Province: Bizkaia
- Country: Basque Country
- City: Leioa

Company

BC3 Basque Centre for Climate Change

bc³
BASQUE CENTRE
FOR CLIMATE CHANGE
Klima Aldaketa Ikergai

Main functions, requisites & benefits

Main functions

The Basque Centre for Climate Change (BC3) offers a full-time Pre Doctoral Researcher position linked to the Low Carbon research line. About the Project: The objective of the project is to develop a PhD Thesis analysing the current ownership of clean vehicles (BEV & PHEV) in Spain and in the European Union, and to provide key insights and derive evidence-based policy recommendations aimed at increasing the penetration of clean vehicles in households where they remain underrepresented due to socio-economic characteristics. The aim is to inform on the best policy measures to: boost the uptake of road electromobility (including BEV and PHEV, upon certain technical range criteria) by identifying what elements shape the access gap to those technologies; reduce the dependence of people on combustion-privately owned vehicles through policy programs based on the principles of social leasing. Job Description: The selected candidate will work as a Pre Doctoral Researcher within the Low Carbon research group at BC3, contributing to the analysis of current adoption of Battery Electric Vehicles (BEV) and Plug-in Hybrid Electric Vehicles (PHEV) in Spain and in the European Union. The role involves conducting quantitative and qualitative research to assess the effectiveness of different policy measures designed to promote electromobility and reduce reliance on combustion engine vehicles. The candidate will apply econometric and statistical techniques to analyse large datasets, provide insights into access gaps, and evaluate the potential of social leasing programs as a policy tool. Additionally, the candidate will actively contribute to the broader work of the Low Carbon research group, engaging in interdisciplinary collaborations within BC3, and supporting research activities related to climate policy and sustainable mobility. The position offers an opportunity to work in a dynamic and impactful research environment, engaging with policymakers, stakeholders, and the wider academic community to advance the transition toward a low-carbon and sustainable transport system in Spain and in the European Union. Key Responsibilities: To contribute to achieving the project's objectives by conducting high-quality research and analysis. To support other activities and projects within the Low Carbon research group and collaborate with other research lines at BC3 to foster interdisciplinary synergies. To prepare technical reports, policy briefs, and scientific publications, ensuring the dissemination of research findings in academic journals, conferences, and stakeholder meetings. To conduct quantitative and qualitative analysis, applying econometric, statistical, and modelling techniques to assess climate policies and sustainable mobility strategies. To engage with policymakers, industry stakeholders, and the research community to translate findings into actionable insights and policy recommendations. To assist in securing research funding by contributing to project proposals and grant applications.

Requisites

Main Requirements/Skills: MSc in Economics with a strong foundation in econometrics. Expertise in quantitative methods, data analysis, and programming in R, including experience handling large datasets and applying statistical and econometric techniques to policy analysis. A deep understanding of Spanish and European climate policy and sustainable mobility is essential, as the role involves assessing and modelling policy impacts in these areas. The candidate should demonstrate strong analytical thinking