


## Company Description

We are 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:** 2021-04-05  
 **Category:** Academia  
 **Province:** Bizkaia

 **Country:** Basque Country  
 **City:** Leioa

## Company

BC3 Basque Centre for Climate Change



## Main functions, requisites & benefits

### Main functions

Agricultural and Forestry Modelling in the Context of Climate Transitions to Support the Global Stocktake and Subsequent NDCs. The Basque Centre for Climate Change (BC3) opens a competitive call for applications to one PhD contract to develop the doctoral thesis on issues related to land-use modelling within the Agriculture, Forestry and Other Land Use (AFOLU) sector. The applicant will develop the thesis in the context of the NDC ASPECTS project, a European Commission H2020 research project. NDC ASPECTS aims to provide cutting-edge analysis and robust scientific evidence to upgrade existing Nationally Determined Contributions (NDCs) up to 2030, prepare new NDCs, and effectively implement these NDCs. In particular, the research in BC3 will aim to systematically identify transformation opportunities and challenges within the AFOLU sector. The research will be conducted at BC3 and in collaboration with other international research institutions. Functions: To develop a doctoral thesis in parallel to the tasks associated to NDC ASPECTS project. To work with other team members using an existing land-use and food system model. To write deliverables for the European Commission. To publish peer-reviewed research in international scientific journals, progressively.

### Requisites

A Graduate Degree in Agronomy, Forestry, Biology, Engineering, Economics, Mathematics, Physics or similar with at least 300 credits or a University Master or equivalent, a solid background in quantitative methods and programming. Experience or interest in agriculture and/or forestry modelling. Interest in the agricultural and forestry sector in the context of climate change mitigation. Good interpersonal as well communication skills (both written and oral) in English. Flexibility to collaborate in existing research projects.

### Benefits

As a HR Excellence awarded institution, BC3 is committed to conciliate research-academic requirements and family duties. BC3 is particularly concerned with creating equality opportunities for people. Women with relevant qualifications are therefore strongly encouraged to apply for the position.

