



EIT HEI INITIATIVE Innovation Capacity Building for Higher Education

**CloudEARTHinnovation: Innovation
Capacity Building for the Use of Big Data
in Environmental Sciences, Sustainability
and Circular Economy in HEIs and Their
Entrepreneurial Ecosystems**

CloudEARTH*i*



Participating partners

**UiT Arctic University of Norway
(Lead partner)**

NORWAY

G-Force

SLOVAKIA

University of Alicante

SPAIN

Fachhochschule Burgenland

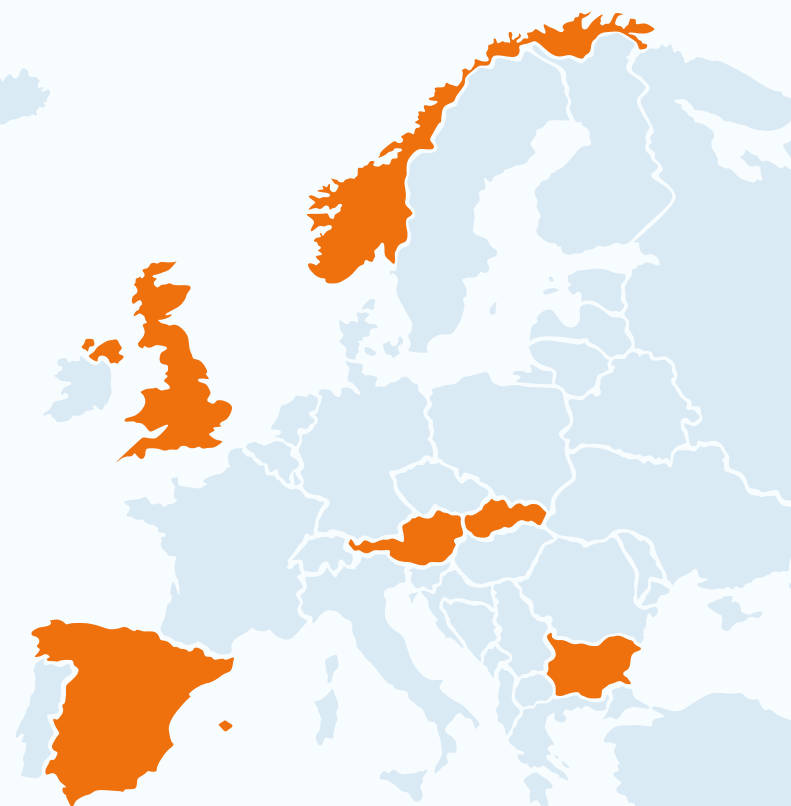
AUSTRIA

Technical University of Varna

BULGARIA

University of Edinburgh

UNITED KINGDOM



Max. funding Phase 1

€400,000

Max. funding Phase 2

€800,000

Project description

The project will bring together a consortium of five higher education institutions (HEIs) and one business partner to review, assess and improve institutional innovation and entrepreneurship practices. The consortium's vision for 2030 is to build capacity for innovation across HEIs, students, and businesses in the area of big data, environmental science, sustainability, and circular economy (referred to hereafter as the subject area). This area has been assessed as a key strength of the consortium and is essential to society in order to understand, adapt to, and mitigate against the climate crisis and wider sustainability issues, building entrepreneurial and innovation capacity across all actors in society. The project benefits from an alignment with the goals of EIT Climate-KIC, EIT Digital and EIT RawMaterials, and its outcomes will support the strategic aims of these Knowledge and Innovation Communities (KICs).

The consortium benefits from high-level institutional commitment to improving innovation activities, as well as an impressive track record in building academia–industry partnerships, nurturing student and academic entrepreneurship, and delivering world-leading education and teaching. The project uses the EIT's knowledge triangle model to build innovation capacity, supporting a knowledge-based and data-driven integration of research institutes and businesses to advance the use of big data in the subject area through a multidisciplinary approach.

The project has mapped four knowledge gaps between the components of the EIT knowledge triangle:

- a gap in improving the adoption of data and its role in the subject area across HEIs;
- a research–education gap;

- a business–education gap;
- a gap between society's needs and all other components.

Bridging these gaps will help society to adopt a more informed and data-driven approach to decision-making, leveraging the full potential of big data in relation to climate change, sustainability, and the shift to circularity.

The consortium believes that the HEIs are best placed to become catalysts of change and innovation. Partnering with businesses and nurturing their entrepreneurial capacities is key to success.

Based on HEInnovate self-assessments, the consortium has identified six actions to improve its capacity in the subject area. These actions are aligned to the objectives of the project, the strengths and needs of each consortium member, and the strategic objectives of three KICs. The actions have a set of key performance indicators to measure the progress in project implementation over time with a plan to extend the financial support to run the activities beyond the project's end.

Stakeholders who will benefit from the project include academic/non-academic staff, students and start-ups, and society in general. The project will help position HEIs as engines of impact to lead society in the net-zero transition and support innovation in sustainability.

Pilot Call Timeline



About the EIT's HEI Initiative

The EIT's HEI Initiative: Innovation Capacity Building for Higher Education was launched by the [European Institute of Innovation and Technology](#) (EIT) and is led by EIT RawMaterials – one of the EIT's Knowledge and Innovation Communities.

The initiative is part of the EIT's [2021–2027 EIT Strategy](#), and it aims to help higher education institutions to build the capacity to innovate and to teach innovation and entrepreneurship. More specifically, the initiative aims to encourage these institutions to look at their own practices and develop concrete actions to increase their impact on their ecosystems.

In March 2020, the HEI Initiative launched a Pilot Call for Proposals, inviting higher education institutions to design activities that will improve their entrepreneurial and innovation capacity. We are pleased to announce the results of this Pilot Call. To stay updated on the latest developments, visit the initiative website (<https://www.eit-hei.eu/>) and subscribe to our newsletter.