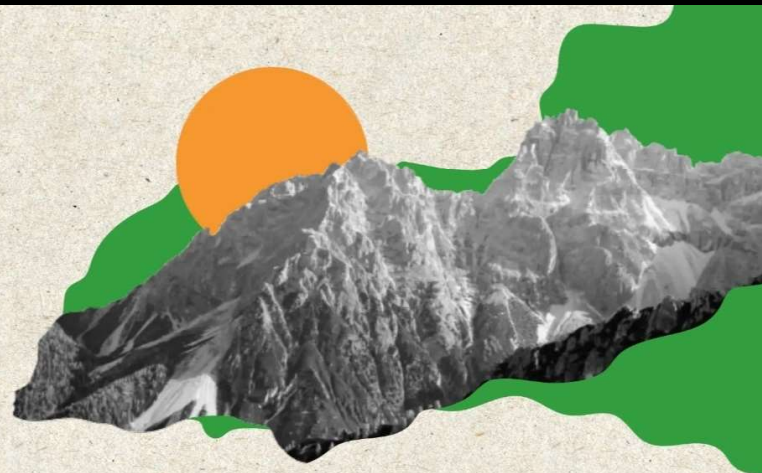


Supporting the transition to a sustainable economy and society

Developing an ethics and integrity framework for research and innovation activities that addresses environmental and climate challenges



About the Project

Research Ethics and integrity for the GREEN transition (RE4GREEN) is a three-year project funded by Horizon Europe aiming to develop an encompassing framework supporting the transition to a sustainable economy and society. This framework will address ethics and integrity concerns in two key areas: 1) research and innovation with potential environmental and climate impacts and 2) knowledge and technologies developed to tackle environmental and climate challenges.

Basic Objectives



Map & Identify

Map environmental and climate ethics in the context of research and innovation (R&I) and identify key ethics and integrity challenges for R&I in the Green Transition and gaps in operational guidelines and training.

Build a community

For bottom-up engagement, awareness raising and exchange across stakeholders of the European Research Area and beyond about environmental and climate ethics for research ethics and integrity frameworks, informing identification and analysis of issues and development of guidelines and recommendations.

Produce & Complement

Operational ethics & integrity guidelines, including the European Code of Conduct for Research Integrity, & elaborate recommendations to account for environmental & climate ethics

Develop & Implement

Traditional and online research ethics and integrity training programmes on climate and environmental aspects of R&I.

The Challenges

- Environmental ethics should fertilise reflections on research integrity, to create awareness of sustainable solutions and innovation, very upstream at the research process.
- Research ethics and integrity guidelines and recommendations are ill-suited to support R&I within the Green Transition
- Solutions to climate and environmental issues often pose ethical and integrity-related challenges

Main Output

Guidelines
Operational climate and environmental ethics and integrity guidelines

Policy Recommendations
Integrating climate and environmental ethics into ethics and integrity resources

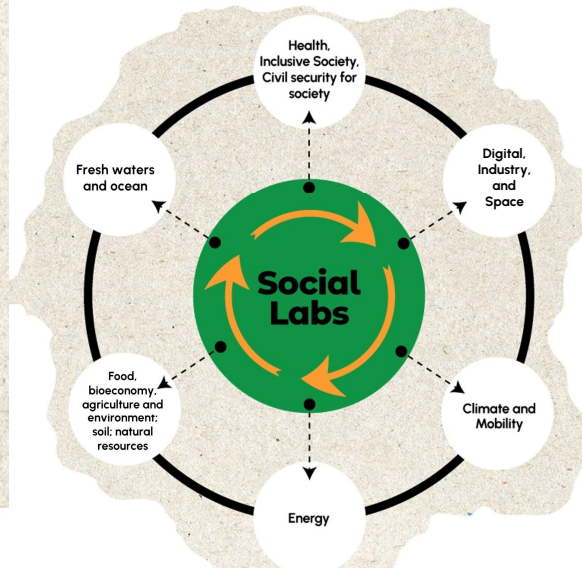
Training Materials
Programmes to ensure R&I activities holistically contribute to the Green Transition

Target groups

- Researchers & Research Performing Organizations
- Industry
- Research Ethics Committee members
- Research Integrity experts
- Research managers and administrators
- Policymakers
- General Public

Social Labs

The RE4GREEN Social Labs are participatory spaces where individuals from diverse backgrounds and experiences across various fields collaborate to discuss climate and environmental ethics and research integrity issues related to EU research and innovation in general and also research and innovation deployed specifically to support the Green Transition



Health; Culture and inclusive society; Civil security

Leader: EARMA; Utokyo

Together with relevant stakeholders from industry, the health sector, politics and civil society, health- and social-security-related technological solutions to deteriorating environmental health conditions and related challenges will be explored.

Digital, Industry, and Space

Leader: AIT

Ways to minimise the environmental impact of digital, industrial and space activities in terms of greenhouse gas emissions and resource depletion will be explored in a socially responsible and sustainable manner.

Climate and Mobility

Leader: ECSA

Trends and developments related to mobility will be explored, considering their feasibility, impact on societies and economies, as well as the fairness of risk trade-offs and cost distributions.

Food, Bioeconomy, Agriculture and Environment; Soil; Natural Resources

Leader: UBO; UCT

Instruments for maintaining sustainable food production and fair land use, such as vertical and precision farming or urban biodiversity management, that, also, support (bio-) economic goals will be explored, scrutinised, and tested.

Energy

Leader: AU

The complex and ethically challenging endeavor of transforming the energy sector will be explored with stakeholders from a broad range of fields, considering not only the climatic but also the wider environmental impact of different technologies.

Waters, Oceans

Leader: UAB

Future directions for transformation, in the context of oceans and freshwater systems, as well as their ethical implications, will be explored with relevant experts and stakeholders.

