

Wednesday late morning session Track A, Wednesday, Sep 24 2025, 11:30-13:00

Location: Main Hall

Session: Trust in Science

Chair: Vidar Enebakk

OR-07

Upholding scientific integrity in climate change in the R&I system

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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. The project aligns with the goals of the European Green Deal and will incorporate recommendations on an ethical, sustainable framework for researchers. To achieve this, RE4GREEN establishes social labs across various thematic areas, including health; culture and inclusive society; civil security; digital, industry and space; climate and mobility; energy; agriculture; and water. These labs serve as collaborative spaces for co-creation, fostering dialogue among diverse stakeholders to generate knowledge and ethical guidelines for green research and innovation.

One of the key outputs of the project is the development of several policy recommendations, including one on strategies to uphold the integrity of scientific research in addressing climate change issues through policy instruments. These policy recommendations are being co-created with a diverse group of stakeholders within the social labs and will explore the balance between ethical research practices and economic growth. The ENRIO Congress would offer the opportunity for a wider dissemination of the RE4Green project allowing participants to explore the interconnection of ethics and a sustainable framework as well as its direct impact on policy development. The policy recommendations currently being developed will also consider issues related to equality, equity and diversity. Early findings from RE4Green highlight growing disparities between low-income and high-income countries in terms of accessibility to sustainable technologies and resources, exacerbating challenges such as climate-induced droughts, water scarcity, food insecurity, and socio-economic instability. Vulnerable groups including women, marginalized communities, and people with disabilities are disproportionately affected. The report launched at COP28 by UN Women warns that by 2050, climate change could push up to 158 million more women and girls into poverty, reinforcing the urgent need for inclusive climate policies (Berninger, 2024).

Sharing these insights at the Congress will enhance the visibility and impact of the RE4Green Project, fostering meaningful discussions that can inform future research practices and policymaking. This submission aligns with ENRIO's mission to advance research integrity by engaging a broad community of experts in a dialogue that bridges ethical considerations and sustainable development. A dedicated Q&A session will encourage further exchange of ideas, ensuring an interactive and collaborative discussion beneficial to both the project and the wider research community.