



RESEARCH & INNOVATION DRIVING THE CLIMATE PACT

December 2020

The **European Climate Pact** will underpin a **European climate movement**. The Pact's mission is to raise awareness on climate change threats and opportunities, to provide space for discussion and debate, and to facilitate participation and action. The Pact is about shared leadership: policy will not succeed without people's support and engagement. The Pact sends a clear message to Europeans: no action is too small and together, we can turn the tide. The Climate Pact is a cornerstone of the **European Green Deal**. Active public participation and trust in the green transition process is paramount to its success.

THE ROLE OF RESEARCH AND INNOVATION

Research and Innovation (R&I) makes key contributions to the European Climate Pact and does not only involve the research and academic world that provide vital knowledge and tools to inform policy-making, but also citizens, businesses, civil society and local organisations. R&I provides arenas to engage Europeans through education initiatives, town-hall dialogues, citizen science projects and more.

HORIZON 2020 (2014 – 2020)

The just-launched, **€1 billion European Green Deal Call** – the last and biggest call under Horizon 2020 – contributes to the Climate Pact in 3 core areas: **Area 1 – Increasing climate ambition: cross-sectoral challenges**, **Area 9 – Strengthening knowledge**, and **Area 10 – Empowering citizens**. Already over the past years (2014-2020), Horizon 2020 has been contributing to the objectives of the Climate Pact in several ways, such as under Science with and for society (SWAFS), Challenge 2 (Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the Bioeconomy), Challenge 5 (Climate action, environment, resource efficiency and raw materials) and ERC-supported citizen science projects.



“ *The Climate Pact is all about empowering Europeans to lead a green movement and bring about positive change for a climate-neutral, sustainable, inclusive and fair future. Research & innovation have been tapping into the collective brainpower of Europeans by educating all ages and creating avenues for citizen science.* ”

Mariya Gabriel, EU Commissioner for Innovation, Research, Culture, Education and Youth

Research and
Innovation

HORIZON EUROPE (2021 – 2027)

Horizon Europe will make key contributions to achieving the objectives of the Climate Pact. Horizon Europe places great emphasis on **citizen engagement**. The **Missions** and **European Partnerships** under Horizon Europe provide prime arenas to engage with citizens and stakeholders on the goals of the European Green Deal and particularly the European Climate Pact.

Under the programme area **Widening participation and strengthening the European Research Area**, The Ethics of Environmental Research will identify ethics and integrity challenges related to the production of knowledge. Under **Cluster 5 – Climate, Energy and Mobility**, Horizon Europe aims to strengthen social sciences and humanities research communities. It will accelerate the climate transition thanks to flagship demonstrators, the Transition Super Labs.

SELECTION OF HORIZON 2020 PROJECTS CONTRIBUTING TO THE CLIMATE PACT



SCIENCE WITH AND FOR SOCIETY

TeRRifica

TeRRifica is engaging citizens and other stakeholders in six pilot regions across Europe to co-develop climate change adaptation and mitigation strategies.



SOCIETAL CHALLENGE 5 (Climate action, environment, resource efficiency and raw materials)

CLAIR-CITY

ClairCity engaged citizens across Europe to better understand their environmental behaviours. The project looked at how they travelled or heated their homes and at their future aspirations. Were citizens interested in adopting greener lifestyles? And if so, how would this affect carbon emissions and air pollution? Importantly, would their involvement in decision-making processes accelerate the transition to a zero carbon future?



SOCIETAL CHALLENGE 2

(Food security, sustainable agriculture and forestry,

marine, maritime and inland water research, and the bioeconomy)

FOODSHIFT2030

The project will launch an ambitious citizen-driven transition of the European food system towards a low carbon circular future, including a shift to less meat and more plant based diets.



EUROPEAN RESEARCH COUNCIL CITIZEN SCIENCE

LICCI

ERC-funded LICCI aims to bring indigenous and local knowledge to climate change research. Through cutting-edge science, it strives to deepen our understandings of perceived climate change impacts, and endeavours to bring indigenous and local knowledge into policy-making processes and influence international climate change negotiations.

More information on the projects funded by Horizon 2020 is available at cordis.europa.eu

