

Climate Resilience in EU Overview

EU context

European communities face an urgent need to catalyse societal transformation towards increased social, economic and ecological resilience to both realised and foreseen impacts of climate change. Unsustainable practices and use of resources, combined with greater frequency of extreme weather events, have culminated in increased risks to the livelihoods of individuals and communities in the EU. The EU's Mission on Adaptation to Climate Change was initiated in September 2021 to accelerate European adaptation to the changing global climate and the transition to a more climate resilient European society. The mission aims at supporting at least 150 regions and communities in Europe towards climate resilience by 2030.

Partnership and collaboration are essential in overcoming the current political, economic, and social barriers for appropriate climate change adaptation. Peer-to-peer learning, social innovation, and cross-border knowledge sharing are the key to breaking down these barriers, as well as the technological and environmental obstacles that must be overcome.

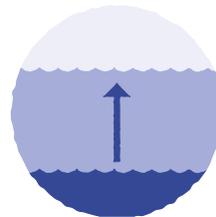


Regions 4Climate

Facts



More than **15 million people** live on more than **2 000 islands** across the EU



Sea level rise and increased storm surges will significantly increase flooding in Denmark's Køge Bay region



At least **13.8 million inhabitants** of the 12 Regions4Climate partner regions are expected to directly **benefit from the project's outcomes**



Each year about **100,000 EU citizens** are impacted by **coastal flooding**

Resources

- [Adaptation to climate change \(europa.eu\)](#)
- [The Paris Agreement | United Nations](#)
- [European Climate Law \(europa.eu\)](#)
- [EU Green Deal](#)
- [The JUST Transition Mechanism](#)
- [EU Energy Poverty Advisory Hub](#)
- [Climate change impacts in Europe \(arcgis.com\)](#)

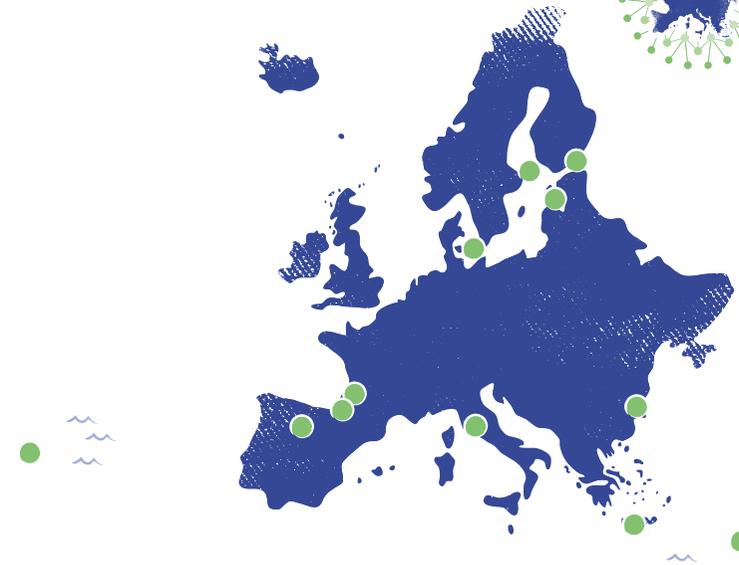
Project Overview



About

The Regions4Climate project brings together 44 partners from 13 different European countries to demonstrate innovations that enhance societal resilience to the impacts of climate change, in line with the Paris Agreement and the EU Green Deal. Based on cross-sectoral strategies created by and for people, the project partners will collaboratively develop and implement novel social, technological, digital, business, governance, and environmental solutions to reinforce adaptive capacity and minimise vulnerability to climate impacts.

The European Commission awarded the Regions4Climate project 24,522,103€ to undertake innovative climate resilience actions for a period of 5 years beginning in January 2023. Regions4Climate is funded under the call topic "Large scale demonstrators of climate resilience creating cross-border value" of the Horizon Europe Mission on Climate Adaptation research and innovation programme, under grant agreement no. 101093873.



Partners

Coordinated by: Teknologian Tutkimuskeskus VTT Oy

Belgium

- REVOLVE

Bulgaria

- "Risk-Space-Transfer" Technology Transfer Office
- Burgas Municipality

Cyprus

- Cyprus Energy Agency
- Troodos Network of Thematic Centres

Denmark

- Danish Coastal Authority
- VIA University College
- Region Hovedstaden
- Region Sjælland
- University of Copenhagen

Estonia

- Stockholm Environment Institute Tallinn
- Eesti Keskkonnauuringute Keskus
- Pärnu County Development Centre
- City of Pärnu

Finland

- Teknologian Tutkimuskeskus VTT Oy
- Forum Virium Helsinki Oy
- Demos Research Institute Oy
- Helsinki-Uusimaa Regional Council
- Government of Åland
- University of Helsinki

France

- UEZ Water France – Center Rivages Pro Tech
- Communauté d'Agglomération du Pays Basque

- University of Pau and the Pays de l'Adour (UPPA)

Germany

- IICLEI European Secretariat GmbH

Greece

- National Center for Scientific Research "Demokritos"
- Municipality of Sitia

Italy

- Engineering Ingegneria Informatica
- RINA Consulting
- Sant'Anna School of Advanced Studies
- University of Florence
- IRIS Ambiente Bacci Maurizio
- NEMO srl
- Region Tuscany

Portugal

- Sociedade Portuguesa de Inovação SPI
- Empresarial e Fomento da Inovação SA
- University of the Azores
- The Regional Fund of Science and Technology (FRCT)

Spain

- Fundacion AZTI – AZTI Fundazioa
- Zabala Innovation Consulting, S.A.
- Tecnalia Research & Innovation
- CARTIF Technology Centre
- Junta de Castilla y León
- Sociedad Pública de Gestión Ambiental IHOBE SA
- Consejería De Desarrollo Económico, Sostenibilidad y Medio Ambiente. Euskadi

Sweden

- Region Stockholm

Keywords

- Climate change adaptation
- Social innovation
- Environmental sciences
- Climate resilience
- Regional collaboration
- Social equity
- Just Transition
- Green Transition

Budget

Budget:
24,522,103.00 euros
EU contribution



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