



EUROPEAN UNION



EU MISSIONS

ADAPTATION TO CLIMATE CHANGE



July 2025

EU MISSION: ADAPTATION TO CLIMATE CHANGE

WHAT ARE THE EU MISSIONS?

EU Missions are large-scale initiatives under Horizon Europe designed to tackle major global challenges, such as climate change, cancer, soil health, ocean restoration, and the development of climate-neutral and smart cities. They set clear, time-bound goals and bring together research, policy, and stakeholders to drive innovation and deliver concrete solutions for societal benefit.

MISSION ADAPTATION TO CLIMATE CHANGE

The EU Mission on Adaptation to Climate Change, launched in 2021, accelerates the deployment of solutions to enhance climate resilience. It supports regions, cities, and local authorities in preparing for risks like heatwaves, floods, and droughts.

The Mission aims **to help at least 150 regions and communities towards climate resilience by 2030** through innovation, knowledge sharing, and pilot research projects. It fosters collaboration among local governments, researchers, businesses, and citizens to implement adaptation measures, including Nature-Based Solutions and early warning systems.

KEY ACHIEVEMENTS

- **326 regions, cities and [local authorities](#)** from 25 EU Member States and 8 Associated Countries have **signed the Mission Charter**, committing to work on climate adaptation.
- **145 regional and local authorities received or are receiving support** to fast-track their adaptation efforts. 80 regions supported by [MIP4Adapt](#)'s tailored Technical Assistance to Mission Charter Signatories and over 70 received financial support from Mission's projects such as [Pathways2Resilience](#) and [CLIMAAX](#).
- **Over 130 regions and local authorities are actively testing and implementing adaptation solutions** in demonstration projects funded by the Mission and 55+ regions and local authorities are preparing the ground for replication.
- **46 Mission Projects** working on **developing and testing innovative solutions** to adapt to climate change.
- **31 Community level events** focusing on specific sectors or underrepresented groups within society.

SUCCESS STORY

Emilia-Romagna, Italy

Emilia-Romagna is strengthening climate resilience through integrated spatial planning and water management, advancing its goal of climate neutrality by 2050. As a Mission Charter Signatory and ARCADIA project participant, the region uses Mission support to enhance adaptation planning.



Mission impact

The Mission has enabled the region to exchange knowledge with other regions, identify and adopt best practices and raise awareness of their policymakers about the importance of climate adaptation



Solutions

Emilia-Romagna has introduced a construction moratorium in flood-prone areas to allow for climate risk mapping and new spatial planning. Measures include buffer zones along rivers, improved vegetation management, and controlled flooding to reduce risks. Incentives will support the relocation of at-risk activities.



Outputs

The region's approach is expected to enhance long-term resilience despite initial challenges. Integrated planning will help manage increasing climate risks more effectively.



Lessons learned

Strong stakeholder collaboration is essential for effective planning. Best practices for post-emergency waste management have already been shared with other regions, and a scientific commission has been established to assess climate risks and inform future adaptation measures.

.....

“Public investment is better and much more efficiently spent in prevention rather than in repairing damages caused by climate change, when observing the medium-long term perspective. In our regional plans, we estimate approximately EUR 275 million is needed to protect our territory from hydrogeological risks. There is a need for a paradigm shift, and the attention on adaptation will be beneficial to address such kind of investment needs at the EU level.”

Paolo FERRECCHI

DG for Land and Environment, Emilia-Romagna

.....



ALIGNED AMBITIONS AND SYNERGIES



The Mission on Adaptation is a key initiative under the European Green Deal and the EU Adaptation Strategy. Together with climate policies and funding instruments, it strengthens Europe's preparedness and contributes to key EU priorities, including the Green Deal's resilience objectives. The Mission also supports the UN Sustainable Development Goals, particularly SDG 11 (Sustainable Cities) and SDG 13 (Climate Action).

MORE INFO AND CONTACT

Learn more: [EU Mission on Adaptation to Climate Change Portal](#)

Get in touch: EU-CLIMATE-ADAPTATION-MISSION@ec.europa.eu

Sign up to the Mission's [newsletter](#)

Luxembourg: Publications Office of the European Union, 2025

© European Union, 2025



Unless otherwise noted, the reuse of this document is authorised under the Creative Commons Attribution 4.0 International (CC BY 4.0) licence (<https://creativecommons.org/licenses/by/4.0/>). This means that reuse is allowed, provided appropriate credit is given and any changes are indicated.

The EU does not own the copyright in relation to the following elements:

Page 1: © goodluz, page 2: © ecstk22; stock.adobe.com.

PDF ISBN 978-92-68-26931-2 doi:10.2777/5725296 KI-01-25-103-EN-N



Publications Office
of the European Union