

# Innovative projects building resilience across Europe, in the face of climate change

## CLIMATE RESILIENCE

### Abstract

**ARSINOE, IMPETUS, REGILIENCE, TransformAr are four innovative sister projects who pool their resources to equip European regions with groundbreaking solutions and systemic strategies for climate resilience.**

Their collective mission? To empower EU regions and communities towards a sustainable future.

These EU-funded projects are committed to fostering the adoption and dissemination of regional climate resilience pathways while reducing the impacts of climate change on people, the economy, and the planet.

Each project brings a unique approach to address the complexities of modern societies and economies, enhancing the resilience of more than 25 regions against the impacts of climate change. At the heart of their efforts lies a commitment to support regions in building climate-resilient pathways, understanding local needs, providing capacity-building and engaging citizens. Climate-resilient pathways combine strategies, plans and actions to reduce climate change and its impacts, ensuring effective risk management and adaptation.

**The projects offer relevant exploitable results, such as:**

### Key Results



Methodological framework for the combination of systemic solutions to advance climate change adaptation in regions.



Maladaptation self-assessment tool



Innovation Ecosystems activity report



Playbook on Transformational Adaptation



Resilience Knowledge Boosters



Climate adaptation funding overview tool



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### Societal

The projects are collectively responding to the pressing needs of our societies. They are tackling issues related to food security, water management, sustainable agriculture, forestry, and marine resources, as well as promoting clean and efficient energy solutions. Moreover, these projects are actively engaged in fostering science-based policymaking, promoting inclusion, facilitating climate investment, and encouraging stakeholder engagement and co-creation processes. By addressing these multifaceted and cross-sectoral challenges, these projects are paving the way for a more resilient and sustainable future for all.

### Industrial and Technological

These initiatives are actively addressing industrial and technological challenges through transformational adaptation, which involves fundamental alterations beyond incremental adjustments to combat anthropogenic climate change. Employing a systems innovation approach, interventions target various levers of change such as financing models, policy frameworks, technology adoption, and citizen participation to achieve transformational adaptation. By conducting deliberate and connected innovation experiments, the aim is to develop replicable processes and actionable solutions that surpass current standards. Meanwhile, efforts focus on advancing understanding of human interactions with policy implementation through novel AI applications, translating new knowledge into practical policy advice, and mobilising innovative technologies for the European Green Deal. These endeavours foster collaboration among stakeholders, promote mutual learning, and drive innovative solutions across diverse hazard domains and disciplines.

### Who benefits?



Policy makers and experts



Research and Academia



Civil Society

### Project Group



[regilience.eu](https://regilience.eu)

GA 101036560



[climate-impetus.eu](https://climate-impetus.eu)

GA 101037084



[arsinoe-project.eu](https://arsinoe-project.eu)

GA 101037424



[transformar.eu](https://transformar.eu)

GA 101036683



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