



**TRANSFORMAR: ACCELERATING AND UPSCALING TRANSFORMATIONAL ADAPTATION IN EUROPE: DEMONSTRATION OF WATER-RELATED INNOVATION PACKAGES ( [HTTPS://TRANSFORMAR.EU/](https://transformar.eu/) )**

Country	Contract value (€)	% carried out by Epsilon	No of staff provided	Client	Origin of funding	Date (start/end)	Consortium Members
Malta	12.730.322,50	3% 287.500	8	European Commission	EC Horizon H2020-LC-GD-2020-2	01/10/2021 01/10/2025	22 Partners

**Description of the project**

Climate risks & KCS	City of Lappeenranta	West Country region	Guadeloupe Archipelago	G Galicia region	Oristano	City of Egaleo
Flooding						
Drought						
Heat waves						
Extreme events						
Sea rising						
Health						
Agriculture						
Fisheries						
Aquaculture						
Water						
Environment (biodiversity)						
Infrastructures						
Urban planning						
Tourism sector						

The TransformAr project is designed to accelerate and scale up transformational adaptation to climate change across Europe, with a specific focus on water-related challenges. The project aims to develop and demonstrate innovative adaptation solutions that can be widely replicated across different regions. By integrating advanced technologies, stakeholder engagement, and policy frameworks, TransformAr seeks to create resilient communities and ecosystems that are better equipped to handle the impacts of climate change. The project involves a diverse consortium of partners

**Services provided**

- For WP2: Integrated biophysical/socio-economic framework for modelling multi-sector dynamics.
- provide an economic valuation and damage functions for climate hazard categories relevant to demonstrator (e.g., river and coastal floods, agriculture, droughts, infrastructure).
- For WP3: Envisioning transformative pathways for the demonstrators.
- Defined for the different demonstrators an overview of existing and upcoming policy strategies and governance arrangements to serve as basis for the adaptive pathway definition
- For WP4: Actionable adaptive solutions implementation.
- Implemented solutions for citizens and stakeholders to trigger change in their behaviour and raise awareness on the transformational process ongoing in demonstrators.
  - Provided technological solutions as well as application scenarios and pilot demonstrators.
  - Designed a method for assessing solutions' replication potential.
- For WP6: Acceptance, building and exploitation of innovation packages.
- Optimised the outputs/knowledge/resources coming from the other WPs, at the end of the demonstration.
  - Organized how open-access content of TransformAr results were shaped and transferred to the CSA-consortium for feeding their platform.

**Climate risks, impacts and KCS in TransformAr's demonstrators**

from multiple sectors, ensuring a comprehensive approach to addressing climate-related risks and vulnerabilities.

TransformAr objectives are:

- To demonstrate the potential of co-innovation processes for Transformational Adaptation (TA) at sub-national demonstrator sites and at EU scale.
- To deliver user-friendly, accessible and comprehensive multi-sector dynamics data services relevant to transformational adaptation and its water-related challenges and fit to the needs of public and private investors, including citizens in transformational adaptation in the EU Green Deal context.
- To develop sub-national transformational pathways that maximise environmental and multi-sector socio-economic benefits and minimises climate risk losses in view of co-defined quantitative targets on CCA.
- To test the potential of specific innovations to enable rapid and far-reaching change in the resilience of demonstrators.
- To accelerate investment for TA across the EU by means of demonstrating bankability and innovative financial schemes.
- To consolidate a catalogue of solutions and IPs, associated guidance documents, and an understanding of the acceptance and preference of citizens of solutions for transformational adaptation.