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# Horizon Europe EU Missions: The key elements for success

## GIW-7 Adaptation to Climate Change

*Odysseas Spyroglou, TL*

*May 2023, Online*

Photo by Christian Lue on Unsplash



REPUBLIC OF TURKEY  
MINISTRY OF INDUSTRY  
AND TECHNOLOGY



# Agenda of the day

What this webinar will cover?

- **Intro, Key points & elements for success in Mission Calls**  
*Odysseas Spyroglou, Team Leader*
- **The Intelligence behind each of the current calls of Mission:  
Adaptation to Climate Change**  
*Nikolaos Floratos, Training Coordinator*
- **Collaboration Opportunities through the Coordinated  
Support Action TRAMI and the Mission Implementation  
Platform Climate Adapt**  
*Michael Ploder, Research Group Technology, Innovation & Policy Consulting  
(Head), TRAMI Project*



SHARING ADAPTATION  
KNOWLEDGE FOR A  
CLIMATE-RESILIENT EUROPE

# EU Missions

What are EU Missions?

*a new way to bring concrete solutions to some of our greatest challenges*

## FIVE MISSIONS

**Missions have ambitious goals and will deliver concrete results by 2030.**



**cancer:** improve the lives of  
more than 3 million people



make 150 regions  
and communities  
**climate resilient**



restore our  
**ocean and waters**



achieve 100 **climate-neutral  
and smart cities**



create 100 living labs and  
lighthouses to lead the  
transition towards **healthy soils**

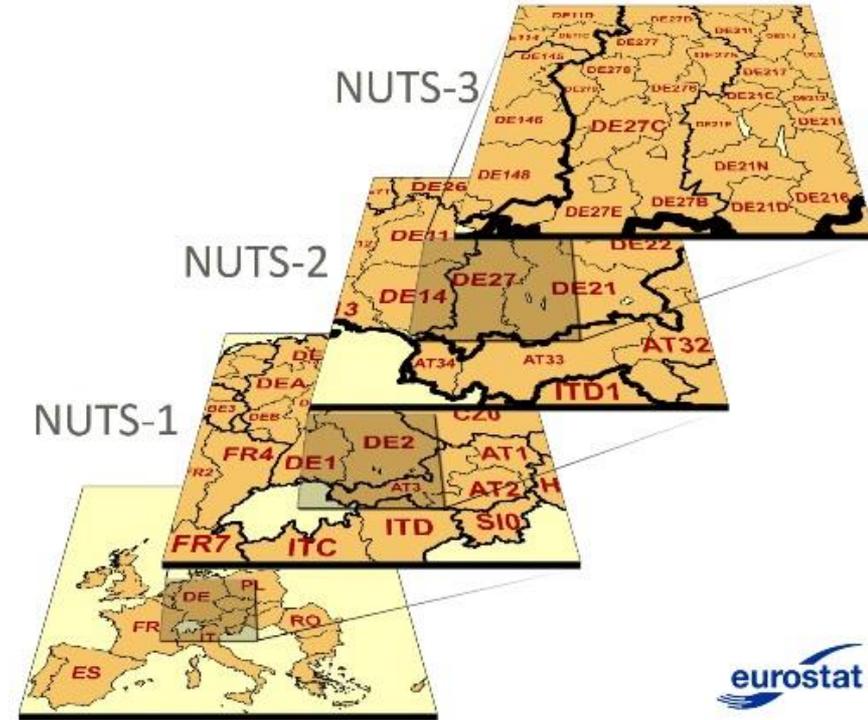


- Assisting EU regions, cities, local authorities to **build resilience against the impacts of climate change.**
- Support at least 150 European regions and communities towards climate resilience by 2030.

# How we define regions?

For the scope of the mission

- **Territories at NUTS 2 level** following definition of Regions in the Nomenclature of Territorial Units for Statistics (NUTS) classification.
- **Other regions (NUTS 1, NUTS 3 or geographical regions across countries) or local authorities within regions** can participate in the mission.
- A participating region must be represented by a legal entity.



# How we define communities?

For the scope of the mission

- Concept of ‘**communities**’ added.
- Groupings of people with social ties, shared values or interests, engaged in joint action.
- Can be of different size, not always geographically confined.
- Smaller or larger entities than regions.
- Must be represented by an authority that has the mandate to commit funds and to implement an adaptation strategy locally.

# Who is Involved?

Who are these communities and regions?

**301  
CHARTER  
SIGNATORIES**

- 284 EU regions and local authorities, from 25 EU Member States
- 17 regions and local authorities from countries associated to Horizon Europe, the EU's research and innovation programme (2021-2027)



Large regions



Cities



Provinces



Municipalities

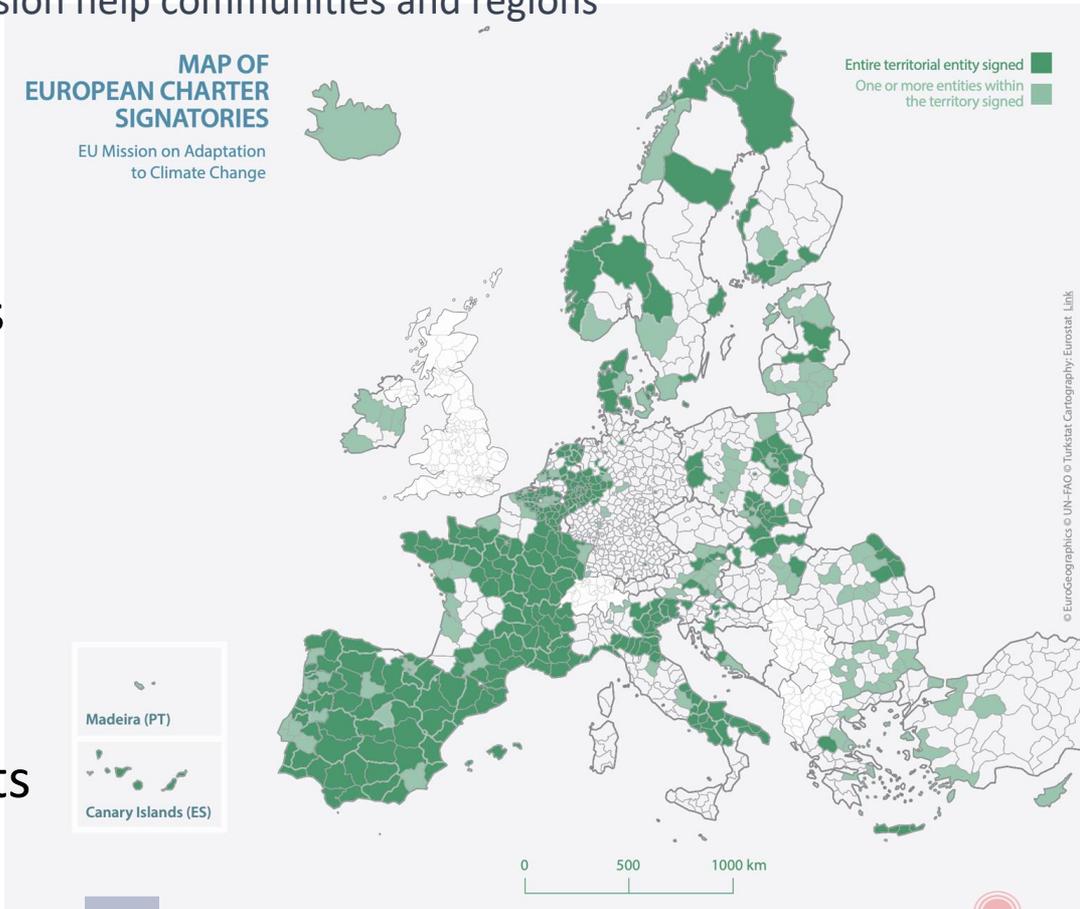


Capitals

# What regions & communities gain?

How can the EU mission help communities and regions

- Better understanding, preparedness for managing climate risks and opportunities
- Sharing experiences
- Stimulating finding tailored solutions
- Support innovative climate resilience solutions
- Sourcing additional investments

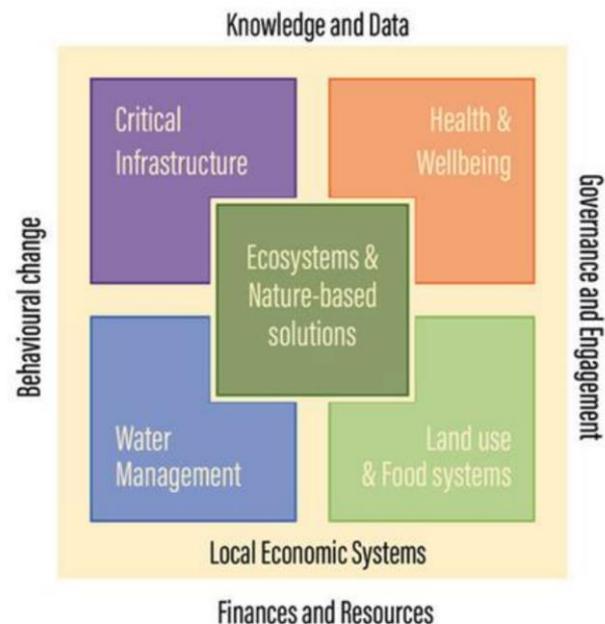


# EU Adaptation Strategy

Strengthening Europe's Resilience to Climate Change

How EU can adapt to the unavoidable impacts of climate change and become climate resilient by 2050?

- Enhancing Preparedness
- Promoting Adaptation Action
- Reducing Climate Risks



# Principles of EU Adaptation Policy

## Strengthening Europe's Resilience to Climate Change

### Adaptation Strategy objectives

### Mission contribution

#### 1. Smarter adaptation

- Contributing to **climate data** through regions and communities
- Boosting JRC Data Risk Hub and Climate-ADAPT

#### 2. More systemic adaptation

- Supporting regions in taking a **systemic approach**
- Fostering **collaboration** between regions and cross-border demonstration of solutions
- Promoting **nature-based solutions**

#### 3. Faster adaptation

- Supporting **development, testing and scale-up of innovative solutions**
- Supporting **demonstrations of systemic transformations**
- Developing a common **framework for climate risk assessment** for regions and communities

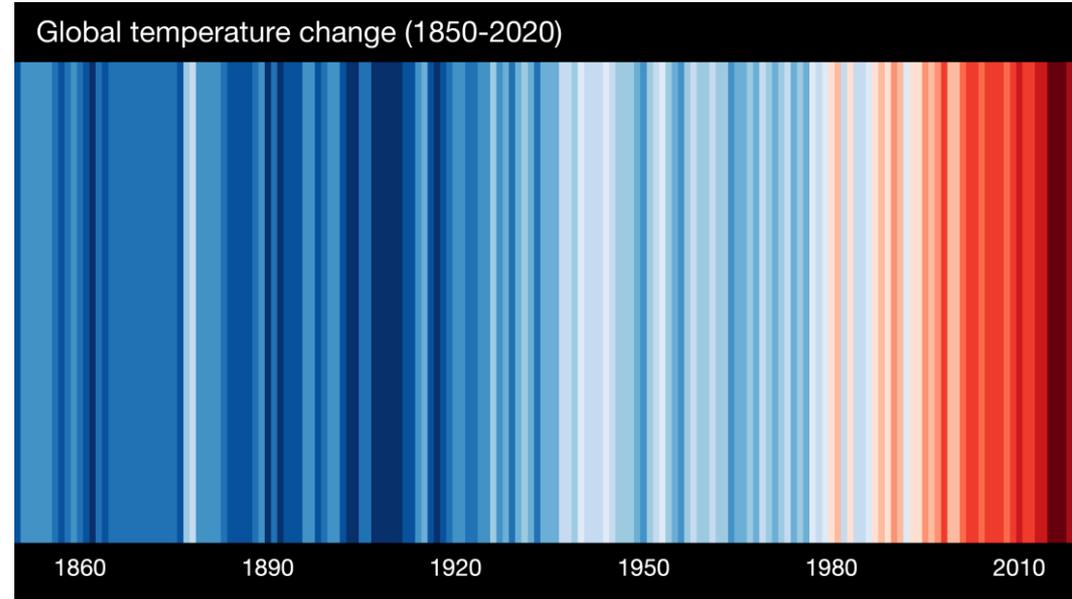
#### 4. Stepping up international action

[EU Adaptation Strategy \(europa.eu\)](https://europea.eu)

# What is resilience?

How do we define climate resilience in the context of EU mission?

- Climate resilience: ability to withstand unavoidable climate impacts.
  - Adapt to already present effects of climate change
  - Prepare to withstand future climate risks.



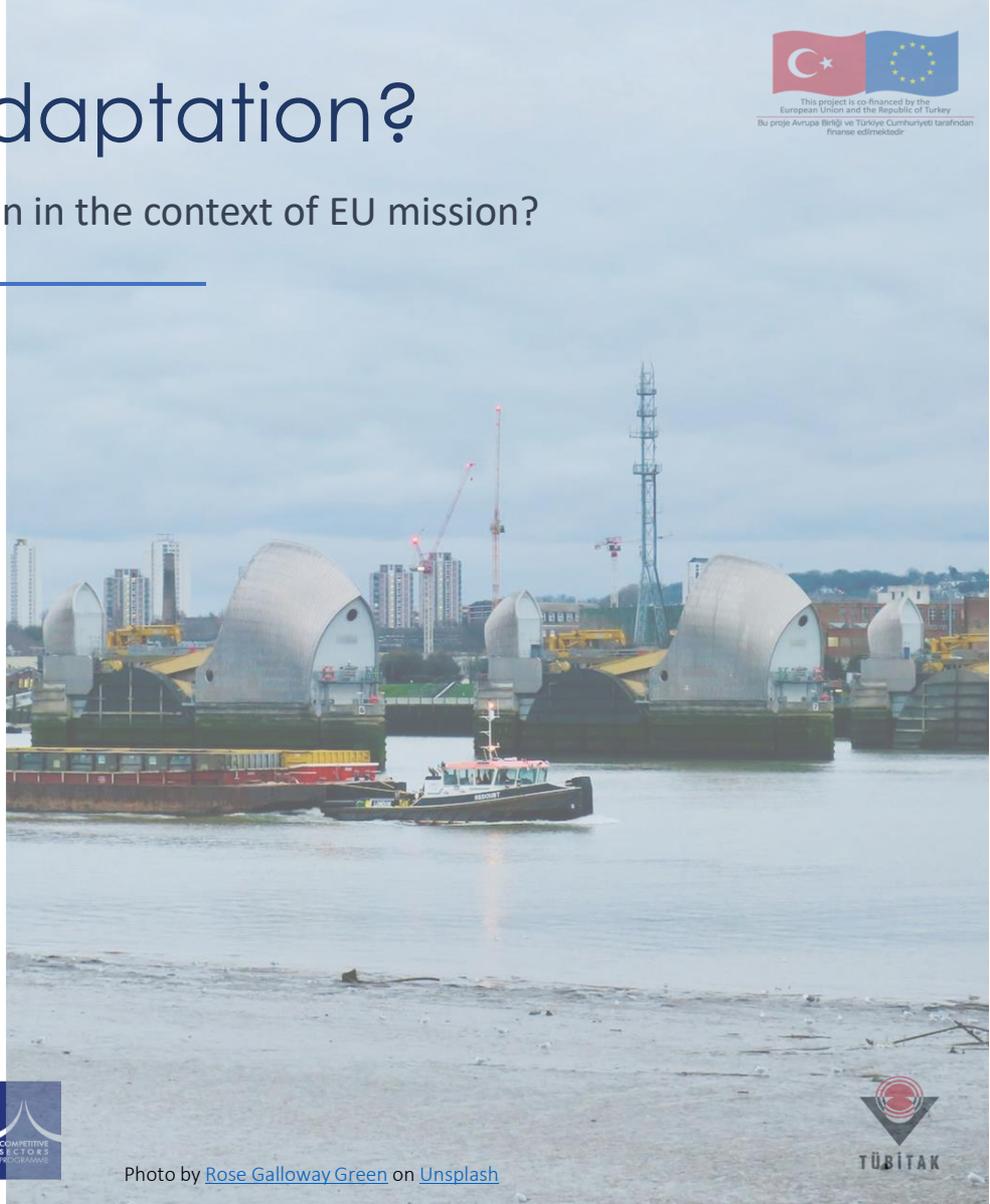
# What is adaptation?

How do we define adaptation in the context of EU mission?

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- Adjusting to climate impacts
- Protecting people and environment
- Ensuring a resilient future

*human intervention may facilitate adjustment*



# Aligning Your Proposal with EU Climate Goals

Demonstrating Clear Connection to EU Mission Objectives & Addressing Current  
and Future Climate Challenges

- **Clear Connection to the EU Missions Objectives**

- How your project contributes to the objectives?  
(e.g. climate-resilient cities, increased building renovations, ecosystem restoration, or improved climate risk management).

- How will the project advance the overall goal of enhancing the resilience and adaptive capacity?

- **Address current and future climate challenges**

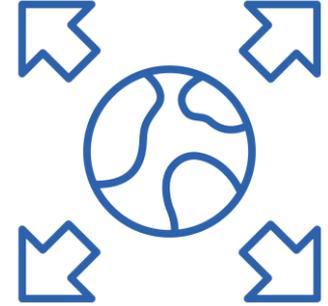
- Analysis of current state and best practices in the field of climate adaptation, knowledge gaps, emerging challenges, or opportunities for innovation



# Emphasize Novelty and Impact

Cutting edge approaches, Scalability, Replication

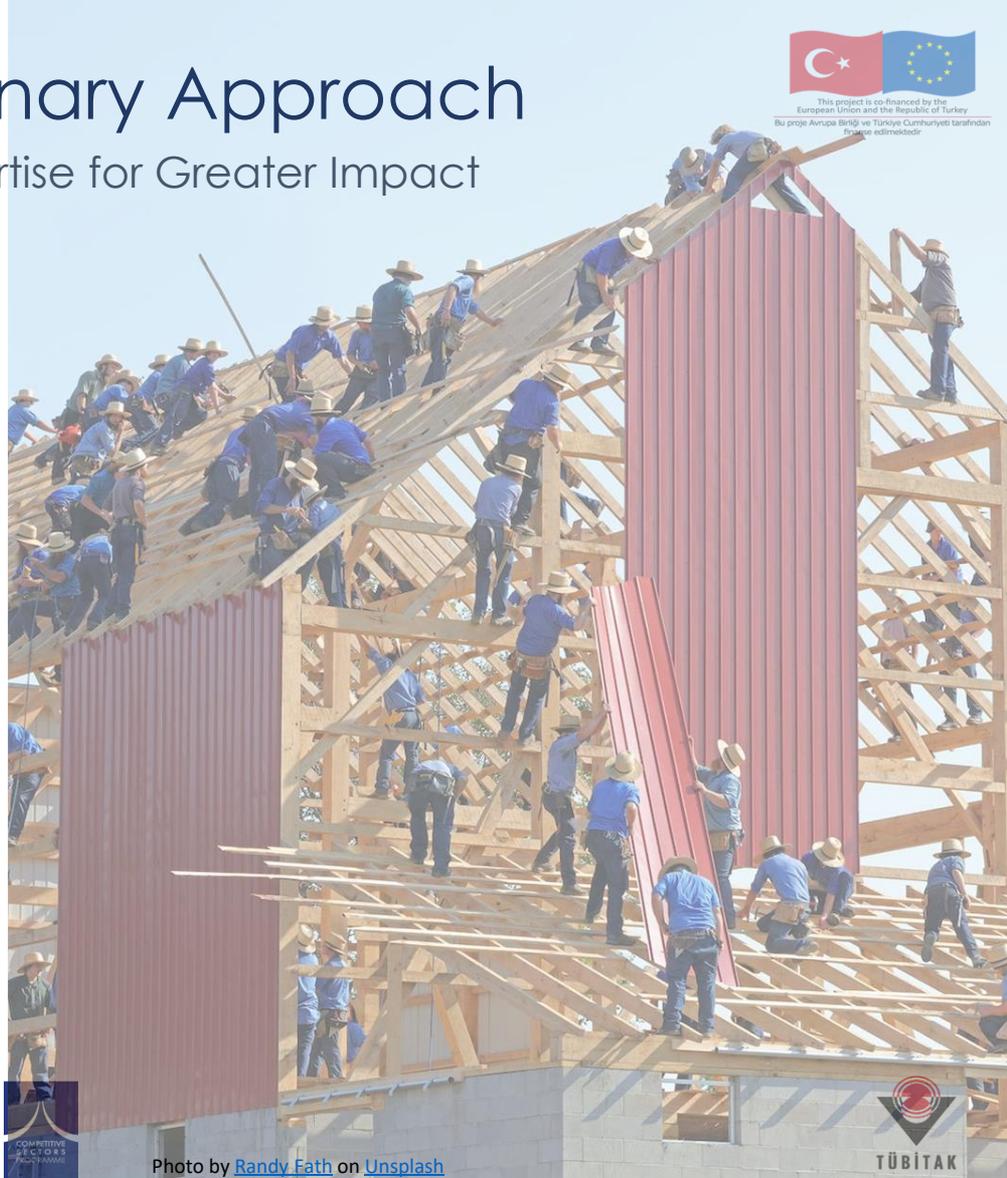
- Propose **cutting-edge approaches** to demonstrate the innovative nature of your project
- Demonstrating the potential for **scalability and replication**
- Articulate **innovative aspects and relevance to EU Mission objectives.**
- Provide **concrete examples** or case studies of similar initiatives
- Highlight **potential multiplier effects**: fostering further innovation, knowledge sharing, etc.



# Interdisciplinary Approach

Combining Expertise for Greater Impact

- **Interdisciplinary teams** essential for complex climate adaptation challenges
- **Integrate knowledge** from various fields to develop a holistic and well-rounded project proposal
- Develop a **clear and coherent project narrative** that incorporates and synthesizes diverse perspectives and insights.



# Stakeholder Involvement

Engaging Key Players for Success

- Involving stakeholders in project design:
  - Public authorities and policy-makers (local, regional, national, and European).
  - Private sector actors (businesses, investors, industry).
  - Research institutions, academia.
  - Civil society organizations.
- Overcome challenges in stakeholder involvement:
  - Identify potential conflicts of interest, power imbalances
  - Ensure inclusiveness and equal representation
  - Monitor and evaluate the effectiveness of stakeholders



# Communication and Dissemination

Importance of Effective Communication Strategies & Methods for  
Disseminating Project Outcomes

Develop and implement effective  
communication strategies:

- Raise awareness and understanding among key stakeholders and the general public.
- Facilitating knowledge sharing, learning, and capacity building in the field of climate adaptation.
- Enhancing the visibility, credibility, and reputation of the project



# Budget and Resource Planning

Ensuring Financial and Organizational Feasibility

- **Developing a realistic budget**
  - Estimate the costs of all project activities.
  - Allocate sufficient resources to each project component, ensuring a balanced distribution of funds and avoiding under- or over-budgeting.
  - Consider potential risks and uncertainties



# Monitoring and Evaluation

## Tracking Progress and Learning from Results

- **Clear indicators of success**
- **Specific, Measurable, Achievable, Relevant, and Time-bound (SMART) objectives** *and indicators for each project component, aligned with the overall goals of the EU Mission.*
- Develop a **monitoring and evaluation plan** *data collection methods, sources, and frequency, roles responsibilities of project team*
- Indicators capture not only outputs (*e.g., activities, products, or services*) but also outcomes (*e.g., changes in knowledge, behavior, or conditions*) and impacts





# Q&A

Time to ask your  
questions!

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