



EU's Efforts in Supporting Adaptation to Climate Change within and outside the EU

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*EU4Climate
Warsaw, 4 April 2023*

My take-aways from the Eastern Partnership region

Georgia

- Disaster risk reduction
- Climate week
- Land slides in Tusheti
- Water scarcity in Vashlovani
- Melting of glaciers in Svaneti

Armenia, Azerbaijan, Georgia

- Regional Environmental Centre Caucasus



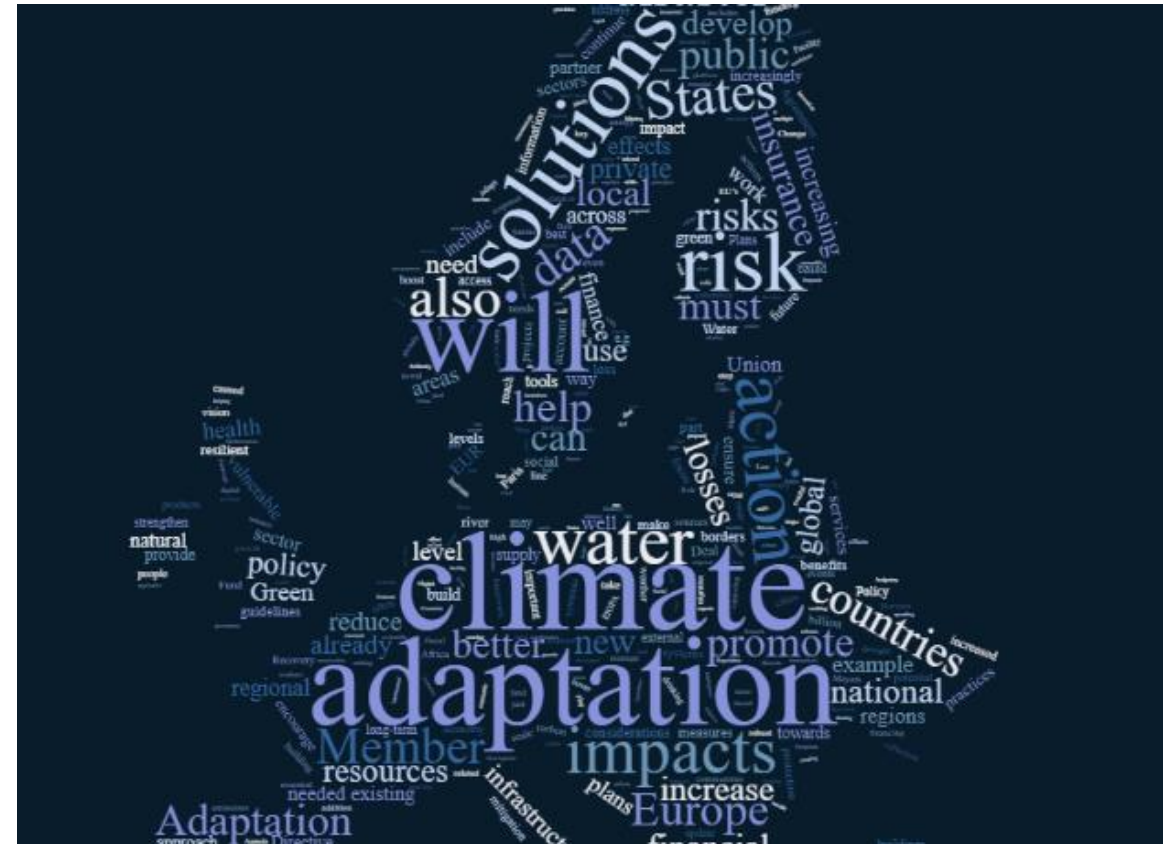
Part I.

EU's efforts in supporting adaptation to climate change within the EU

2021 EU Adaptation Strategy

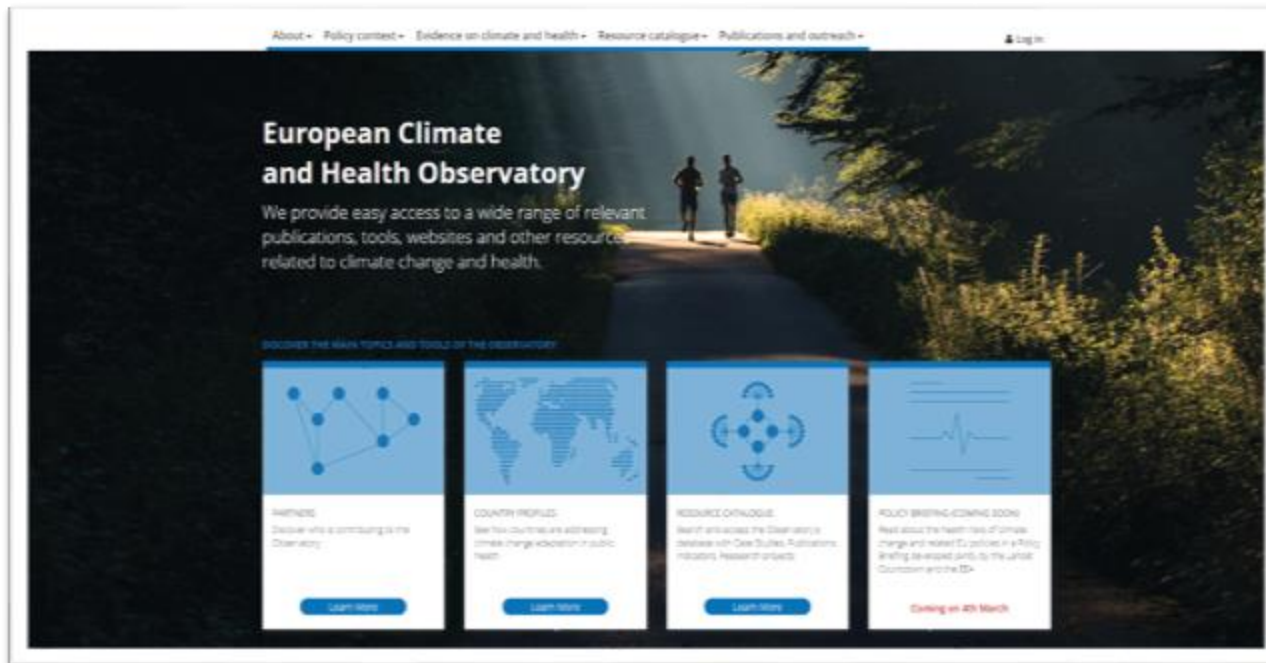
Sets out a **vision of a climate resilient Europe by 2050**:

- ✓ **Smarter adaptation**
improving knowledge and managing uncertainty
- ✓ **More systemic adaptation**
support policy development at all levels and sectors
- ✓ **Faster adaptation**
speeding up adaptation across the board
- ✓ **Stepping up international action** for climate resilience



Smarter

The European Climate and Health Observatory



- Launched in 2021
- Objective: to enable public authorities **anticipate** and **prevent climate-related** short- and long-term **threats to health** in a timely manner.
- **Public surveillance, forecasting, early warning systems**

Smarter

Example: Foresight & Early-warning systems



Destination earth - digital twins



Systemic

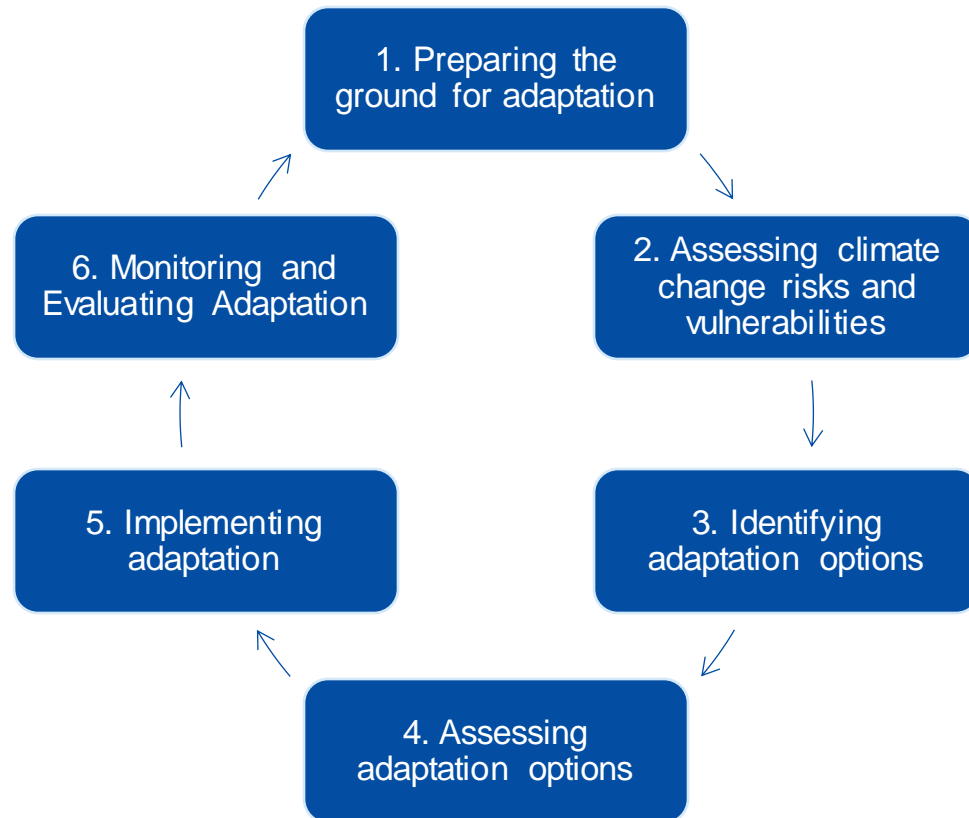
Policy Support Facility (PSF), 2021-2023

- The objective: to support municipalities and regions to increase **local resilience**
- 9 projects focusing on **disaster risk reduction**
- Under the EU Covenant of Mayors
- Financed from Horizon Europe



Systemic

Guidelines on adaptation strategies and plans



Estimated adoption by the European Commission : early June 2023

Systemic

Example: Nature-based solutions



'Le Mur' protecting Lemvig, Denmark from coastal flooding
©Mads Krabbe



A smart blue-green roof in Amsterdam
©Dakdokters



Ecosystem-based decentralized water drainage system, Ober-Grafendorf, Austria. ©Gerhard Gruber and Foto Durl



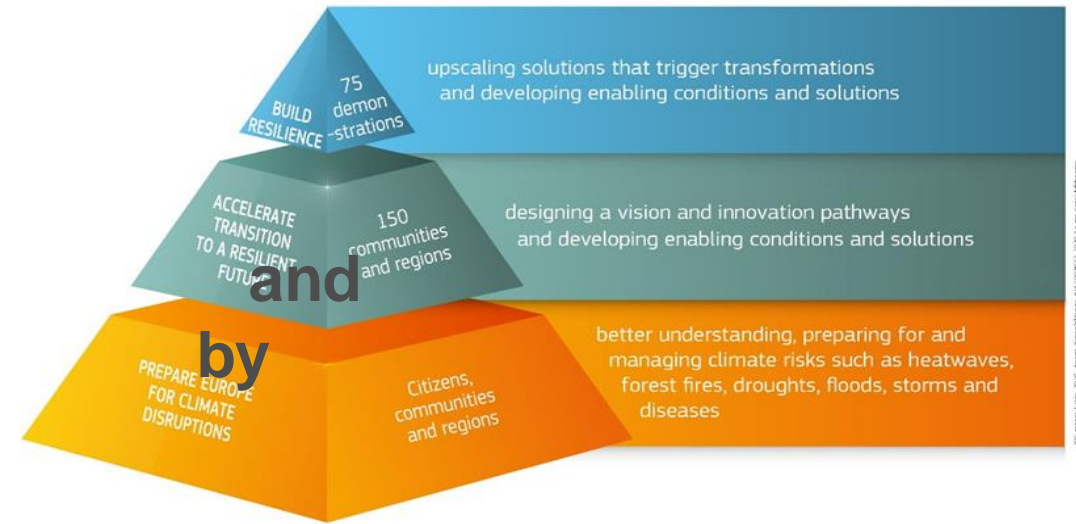
Restoration of a small surface stream on Gasteiz Avenue. Source: Vitoria-Gasteiz City Council

Faster

EU Mission on Adaptation

Objective

To help at least **150 European regions**
communities towards climate resilience
2030

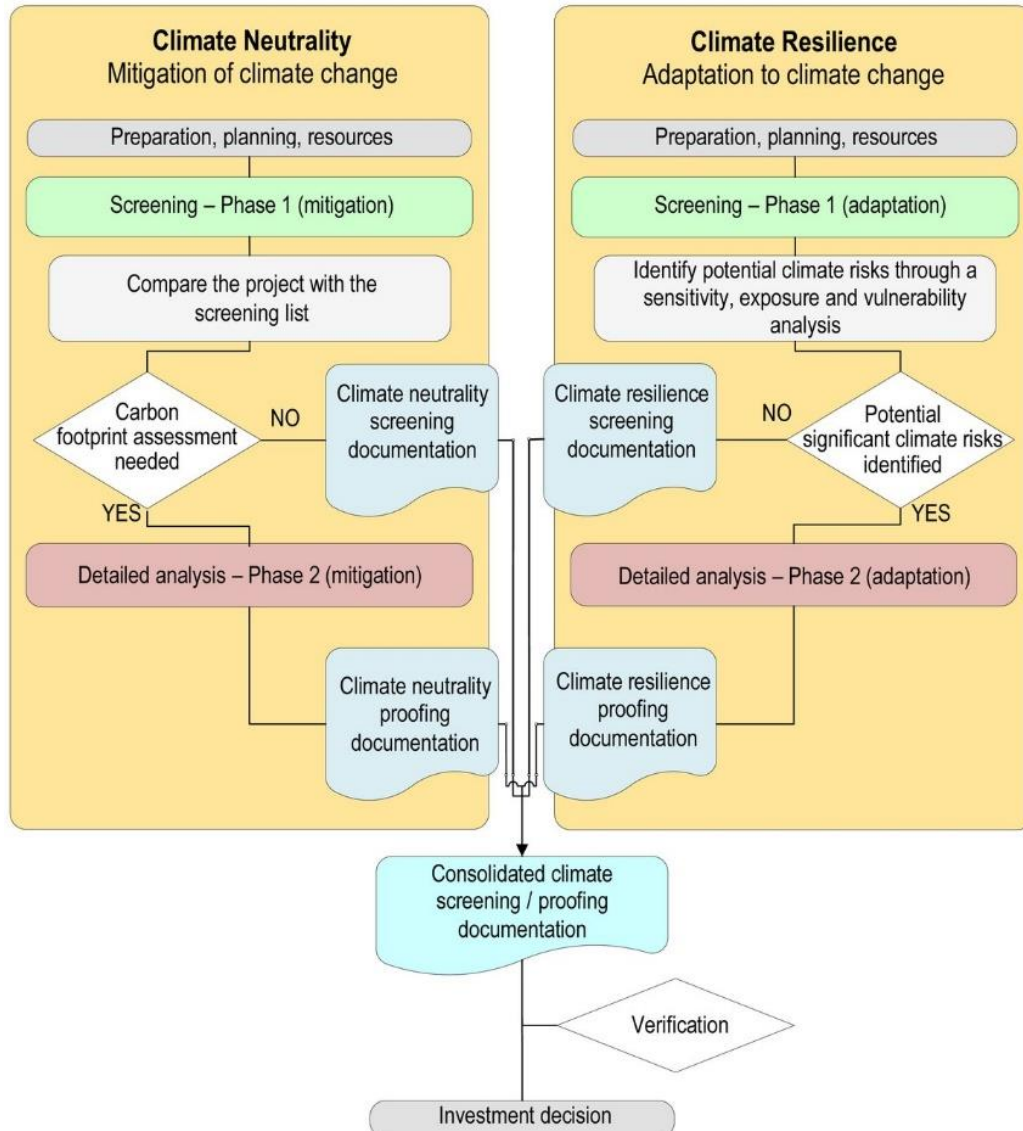


How?

1. **Horizon Europe project grants** – yearly calls
2. Services by **Mission Implementation Platform (MIP)**
3. Scientific guidance and support by **Joint Research Centre**
4. Access to **climate adaptation knowledge** from Climate-ADAPT by EEA

Faster

Climate Proofing guidance



- Climate proofing: *‘a process integrating climate change mitigation and adaptation into the development of infrastructure projects’*.
- Two pillars: mitigation and adaptation
- Close links to (strategic) environmental assessments

Faster

EU Climate Risk Assessment



Purpose

1. Identify **adaptation-related policy priorities**
2. Identify **adaptation-related investment priorities**
3. Support **EU policy development** in climate-sensitive sectors
4. Support conducting and updating **national and sub-national climate risk assessments**

Time Frame

- Fast-track assessment by summer 2024
- Follow-up assessment to be published every 5 years

Best practices

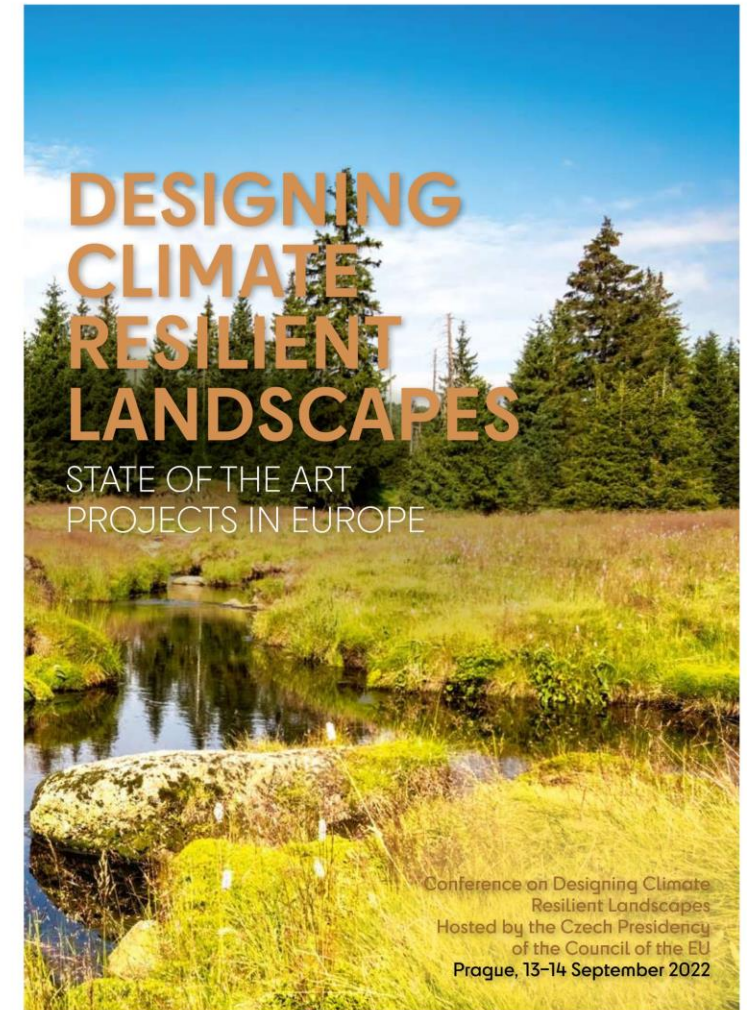
Climate resilient landscape approach:

- ✓ Water retention on the whole surface
- ✓ Soil regeneration
- ✓ Forest resilience

- ✓ Landscape planning

[The Prague Appeal](#)

[Brochure - innovative adaptation projects](#)



Part II.

EU's efforts in supporting adaptation to climate change outside the EU

Multilateral

- **UNFCCC**
 - Doubling of adaptation finance
 - Global Goal on Adaptation
 - Adaptation Fund
 - Sharm El-Sheikh Adaptation Agenda
- **G7**
- **G20**
- **OECD**



Bilateral

- Climate diplomacy
- NDC Facility
- National Adaptation Plans
- Disaster Risk Reduction Strategies
- Climate Risks and Early Warning Systems
- EU Climate Dialogues
- Adaptation initiatives in individual countries (together with FPI)
- Sharing best practices



Funding – examples

- EU and MS (2021): ca EUR 12bn on adaptation
- NDICI – Global Europe – 35% to climate change
- Team Europe Initiative
- INTPA, NEAR, ECHO, FPI... + CLIMA
- Adaptation without Borders
- Global Covenant of Mayors - one pillar is on adaptation
- InsuResilience Global Partnership
- Global Shield Against Climate Risks
- Global Gateway



Thank you for your
kind attention!

