

HE Alkalmazkodás a Klímaváltozáshoz Misszió



Vision

- **ACCELERATING THE TRANSITION TO A CLIMATE PREPARED AND RESILIENT EUROPE**

- Turning the urgent challenge of adapting to climate change into an opportunity to make Europe more resilient, climate prepared and fair



Objectives



**Build
resilience**

up scaling solutions that
trigger transformations

75 demonstrators

**Accelerate transition
to a resilient future**

designing of vision and innovation pathways
and developing enabling conditions
and solutions

150 communities and regions

Prepare Europe for climate disruptions

better understanding, preparing for and managing
climate risks such as heatwaves, forest fires,
droughts, floods, storms and diseases

all citizens, communities and regions in

Target:

By 2030, all local administrative units (LAU) and regions (NUTS) will have access to climate risk profiles and enhanced early warning systems for all relevant risks, and will have adopted comprehensive climate risk management plans



- **Prepare Europe:**
- The Mission will support citizens, communities and regions to:
- **foster a better understanding** of climate risk exposure, providing access to fast track climate risk assessments and strengthening existing early warning systems;
- **facilitate the adoption of climate risk management plans** and community-based emergency plans; and
- **ensure that community infrastructure is safe and essential services operable and accessible** under critical conditions

Target:

By 2030, 150 European communities and regions will have developed their own transformative vision; co-created adaptation pathways; co-designed and tested actionable solutions; and created favourable conditions for societal transformations.

- **Accelerate the transition:**
- The Mission will support citizens, communities and regions, to:
- **design vision and objectives**, and build consensus around transformative social change enshrined in a community resilience contract;
- **co-create adaptation pathways**, and define possible courses of policy and innovation actions to deliver on the vision, resulting in a portfolio brief for action;
- **co-design and test actionable solutions**, and share learning within and across the communities and regions; and
- **create favourable conditions for societal transformations**



Target:

By 2030, 75 deep demonstrations have scaled-up actionable solutions that have triggered societal transformation, building deeper resilience

- **Build deep resilience:**
- Scaling up actionable solutions triggering societal transformations through 75 deep demonstrations of resilience, the Mission will
- **create impact at scale**, building of resilience in single regions and communities focusing on key community systems;
- **create cross-border value**, building of resilience and shared value creation across cross-border systems and services;
- **foster systemic and citizen-centred co-evaluation**, measuring progress made, assessing what has been accomplished and communicating the processes and outcomes



Enabling environment



access to data,
knowledge, digital
services

local economies,
economic resources

inclusive and fair
transition

shared learning and
policy coherence

Key Community Systems



Community and Social Infrastructure

Health and Wellbeing

Nature, Biodiversity and Ecosystem Services

Water

Rural Landscapes and Food Systems

Survey & Charter

- Regions and communities to sign the [Mission Charter](#) are requested to fill in the [EU Survey](#).
- An assessment of the commitment of the regions and communities will lead to be invited to sign the Charter.
- Representatives from regional and local authorities will be the sole signatories of the Mission Charter. While the charter is **non-binding**, signatories declare their willingness to cooperate and align intents with other signatories, to mobilise resources and develop activities in their respective region and communities to reach the adaptation goals. Other entities, such as research institutions or businesses may endorse the Charter to declare their **support** to the Mission.



EUROPEAN UNION

The Mission Charter

How?

- Fill in the dedicated [EU Survey](#)
- Evaluation of your commitments to climate adaptation by the Mission Secretariat
- Get invited to sign the Mission Charter

When?

No deadline to apply. Open and inclusive process.
HURRY UP !!! First signatories will be announced at the First Mission Forum

Who?

Representatives from regional and local authorities will sign the Mission Charter on behalf of their respective authorities.



Mission Charter

What?

Gain access to the services of the **Mission Implementation Platform** (early 2023):

- Help with accessing knowledge and methods on **climate risk assessments**
- Access to **best practice examples** from other regions and information on the latest research results
- Support with linking these examples and research results with **local adaptation plans, roadmaps or adaptation pathways**
- Access to tools, examples and best practices for **interacting and engaging with citizens**
- Advice on possible **public and private funding sources** for adaptation.

3

Calls – where to find them

The screenshot shows the European Commission's 'Funding & tender opportunities' portal. The browser address bar shows the URL: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;callCode=nu>. The page title is 'Funding & tender opportunities' and it is part of the 'Single Electronic Data Interchange Area (SEDIA)'. The navigation menu includes 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. The main content area is titled 'Horizon Europe (HORIZON)'. A notification banner states: 'The document repository system will be under maintenance and all operations on documents will not be possible on Monday, 16.05.2022, between 07:30 and 08:10 CET. Please refrain from launching any document-related process, since these will not work and moreover, will have to be restored by the Service Desk.' The search filters on the left include: 'Type your Keywords...', 'Match whole words only' (checked), 'GRANTS' (checked), and 'TENDERS' (checked). The 'Submission status' section shows 'Open for submission (6)' selected. The 'Programming period' is set to '2021 - 2027 (6)'. The 'Horizon Europe (HORIZON)' filter is active. The 'Programme part' is set to 'Select a Programme part...'. The 'Mission' is set to 'Mission: Adaptation to climate change (6)'. The 'Destination' is set to 'Select a Destination...'. The main content area displays 'Funding and tenders (6)' with a 'Need help?' button and a 'Sort by: Submission status' dropdown. The list of funding calls includes: 1. 'User driven applications and tools for regional and local authorities, and other end users focusing on climate impacts, data and knowledge.' (HORIZON-MISS-2022-CLIMA-01-01) with 'Call for proposal' and 'Grant' buttons. 2. 'Unlocking of financial resources for investments into climate resilience' (HORIZON-MISS-2022-CLIMA-01-02) with 'Call for proposal' and 'Grant' buttons. 3. 'Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation' (HORIZON-MISS-2022-CLIMA-01-06) with 'Call for proposal' and 'Grant' buttons. 4. 'Best practices on and piloting insurance solutions for climate adaptation in EU regions and communities' (HORIZON-MISS-2022-CLIMA-01-03) with 'Call for proposal' and 'Grant' buttons. Each call entry shows details: Programme (Horizon Europe (HORIZON)), Type of action (HORIZON Research and Innovation Actions), Opening date (12 May 2022), Status (Open for submission), Deadline model (single-stage), and Deadline date (27 September 2022 17:00:00 Brussels time).

[LINK to Climate adaptation mission open calls](#)



Calls with deadline: 27 September, 2022

Research and Innovation actions (RIA & IA) in support of the implementation of the Adaptation to Climate Change Mission

TOPIC	TITLE	INSTRUMENT	BUDGET M €	BUDG x N° of PROJECTS
CLIMA-01-01	<u>User driven applications and tools for regional and local authorities, and other end users focusing on climate impacts, data and knowledge</u>	RIA	6	2-3 M € x 2
CLIMA-01-02	<u>Unlocking of financial resources for investments into climate resilience</u>	RIA	6	5-6 M € x 1
CLIMA-01-03	<u>Best practices on and piloting insurance solutions for climate adaptation in EU regions and communities</u>	RIA	6	2-3 M € x 2
CLIMA-01-04	<u>Transformation of regional economic systems for climate resilience and sustainability</u>	RIA	6	5-6 M € x 1
CLIMA-01-05	<u>Boost the sponge function of landscape as a way to improve climate-resilience to water management challenges</u>	RIA	3	2-3 M € x 1
CLIMA-01-06	<u>Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation</u>	IA TRL 6 to 7	88,32	12-20 M € x 5



Call	<u>User driven applications and tools for regional and local authorities, and other end users focusing on climate impacts, data and knowledge.</u>
Code	HORIZON-MISS-2022-CLIMA-01-01
Scope	<p>The successful proposal will develop new technologies addressing access to key climate data and information services; such technologies will use improved user-defined and user-friendly tools tailored to regional and community level applications for adaptation to climate change able to build climate resilience in all sectors/services involved; the focus will be on case-specific climatological and physical conditions critical for the areas mentioned in the Mission Implementation Plan</p> <p>Demonstrated application in at least 5 EU regions or communities</p>

Call	<u>Unlocking of financial resources for investments into climate resilience</u>
Code	HORIZON-MISS-2022-CLIMA-01-02
Scope	the Mission's aim to help facilitate the translation of adaptation strategies into investments on the ground, the proposal should cover a broad range of financing approaches, mechanisms and initiatives, from different governmental levels and private sources, covering as much as possible all innovation areas of the Mission

Call	<u>Best practices on and piloting insurance solutions for climate adaptation in EU regions and communities</u>
Code	HORIZON-MISS-2022-CLIMA-01-03
Scope	<ol style="list-style-type: none"> 1. Best practices and filling the gaps on insurance coverage for climate adaptation 2. Trialing and experimentation of insurance solutions in EU regions and communities

Call	<u>Transformation of regional economic systems for climate resilience and sustainability</u>
Code	HORIZON-MISS-2022-CLIMA-01-04
Scope	Sharing relevant state-of-the-art knowledge , best practices and emerging innovations and solutions relevant to the transformation of all regional economic systems that are affected by climate change in the regional economic systems to become climate resilient. Research and test innovative solutions , not only technically but also socially feasible, using the activities ongoing in the regions and communities as case studies to better understand their success factors and experiment with new innovative ways of preparing regional economic systems and their industries to become climate resilient and sustainable, and to feed this information back to all regions and communities .

Call	<u>Boost the sponge function of landscape as a way to improve climate-resilience to water management challenges</u>
Code	HORIZON-MISS-2022-CLIMA-01-05
Scope	Effectively increasing or restoring the natural water retention function of the landscape, both through improving the way soil, ground water, surface water and ecosystems are managed, will generate many ecosystem services for a relative low price, bringing benefits to a whole array of different functions.

Call	<u>Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation</u>
Code	HORIZON-MISS-2022-CLIMA-01-06
Type of action	IA Innovation Actions (TRL 6 to 7 by the end of the project)
Scope	Develop and test innovative solutions, combining technological and social innovation , leading to an increase of the resilience and adaptation capacity to climate change in the involved regions and communities, assuring that nature based solutions are explored as priority include at least 5 regions /communities located in at least 3 different EU Member States & 3 „replicating” regions

Useful links to the Mission on Adaptation to Climate Change



- Climate Mission official website: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-12-missions_horizon-2021-2022_en.pdf
- Work Programme 2022: https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/eu-missions-horizon-europe/adaptation-climate-change-including-societal-transformation_en
- Implementation Plan: https://ec.europa.eu/info/sites/default/files/research_and_innovation/funding/documents/climat_mission_implementation_plan_final_for_publication.pdf
- Bizottsági info nap (felvétel és prezentáció): https://ec.europa.eu/info/research-and-innovation/events/upcoming-events/horizon-europe-info-days/eu-missions_en
- Nemzeti Kapcsolattartói Hálózat (NCP): <https://www.horizonteuropa.nkfi.gov.hu/horizont-europa-program/nemzeti-kapcsolattartok>

Köszönjük a figyelmüket!

Tóth Orsolya
Cluster 5 NCP

orsolya.toth2@nkfih.gov.hu

06 1 896 3744

Szántó Szilvia
Szakértő

szilvia.szanto@nkfih.gov.hu

Nemzeti Kutatási, Fejlesztési és Innovációs Hivatal

www.nkfih.gov.hu

<http://www.horizonteuropa.nkfih.gov.hu/>