

Horizont Európa pályázati lehetőségek

Küttel Orsolya & Tóth Orsolya
Energetika & Klíma NCP
NKFI Hivatal

LIFE Infó nap
Budapest, 2022. június 22.

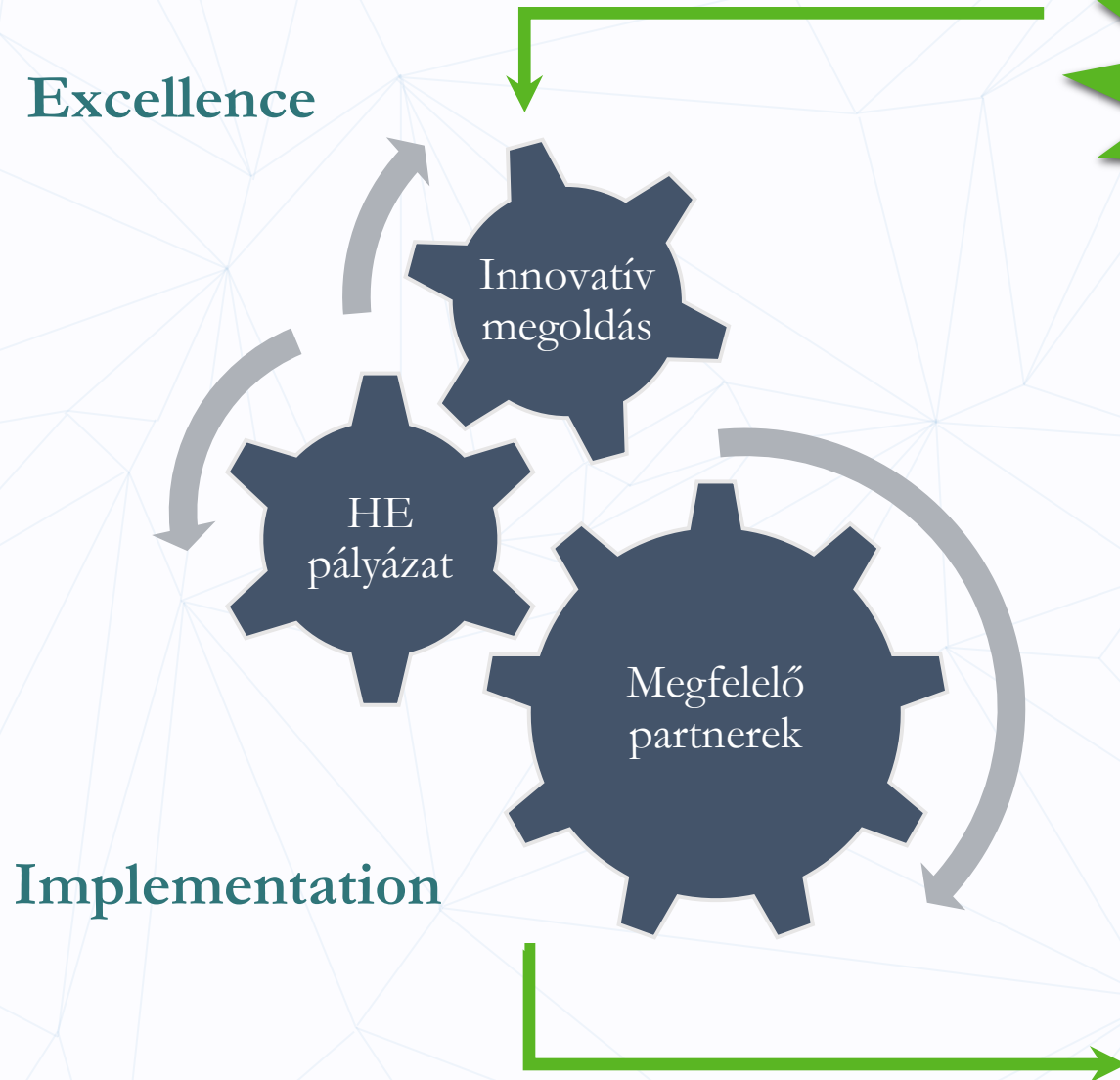


Miért és hogyan pályázzunk?

2

nkfih

Excellence



Implementation

Társadalmi
kihívás



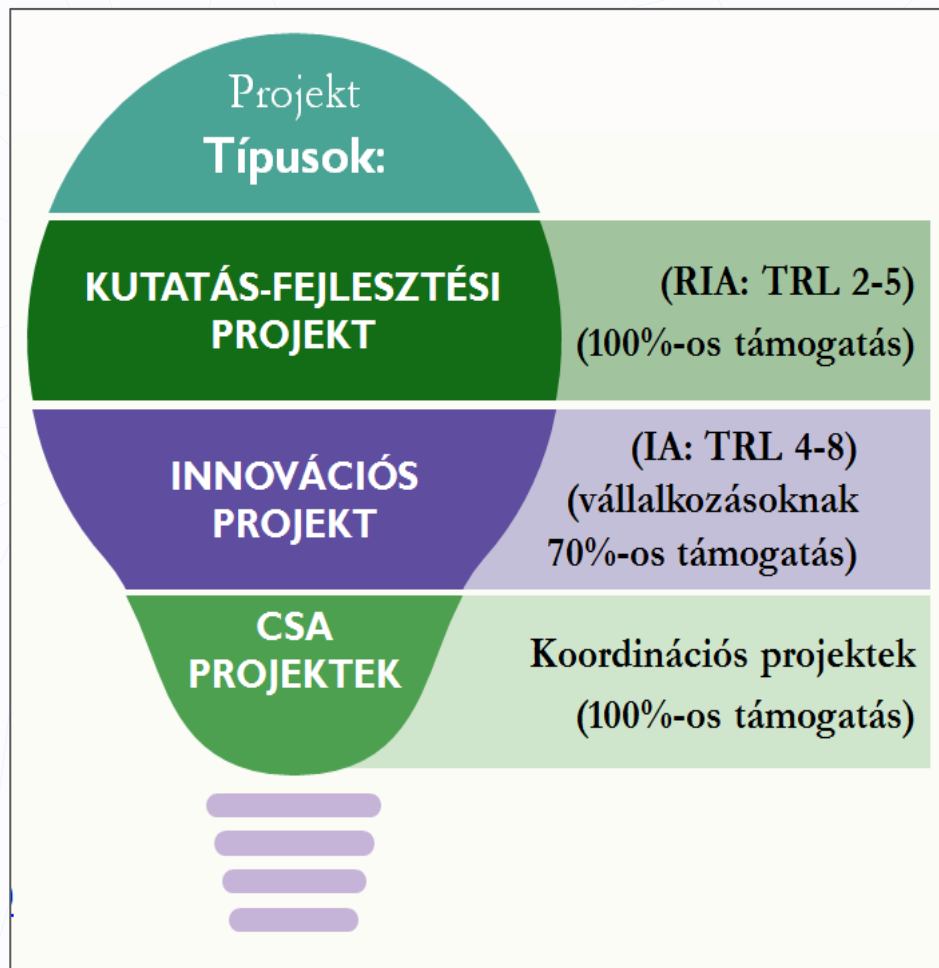
Társadalmi
hasznosulás

Impact

Főbb projekt típusok és támogatási intenzitások

3

nkfih



IA (Innovation Actions)	RIA (Research and Innovation Actions)	CSA (Coordination and support actions)
70%	100%	100%
100%	100%	100%

Általános részvételi feltétel:

- pályázás többnyire konzorciumban - három független jogi entitás
- egy partner valamely EU tagállamból, másik két partner két másik EU tagállamból/ társult államból
- kivéve, ha a Munkaprogram másképp rendelkezik

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-13-general-annexes_horizon-2021-2022_en.pdf

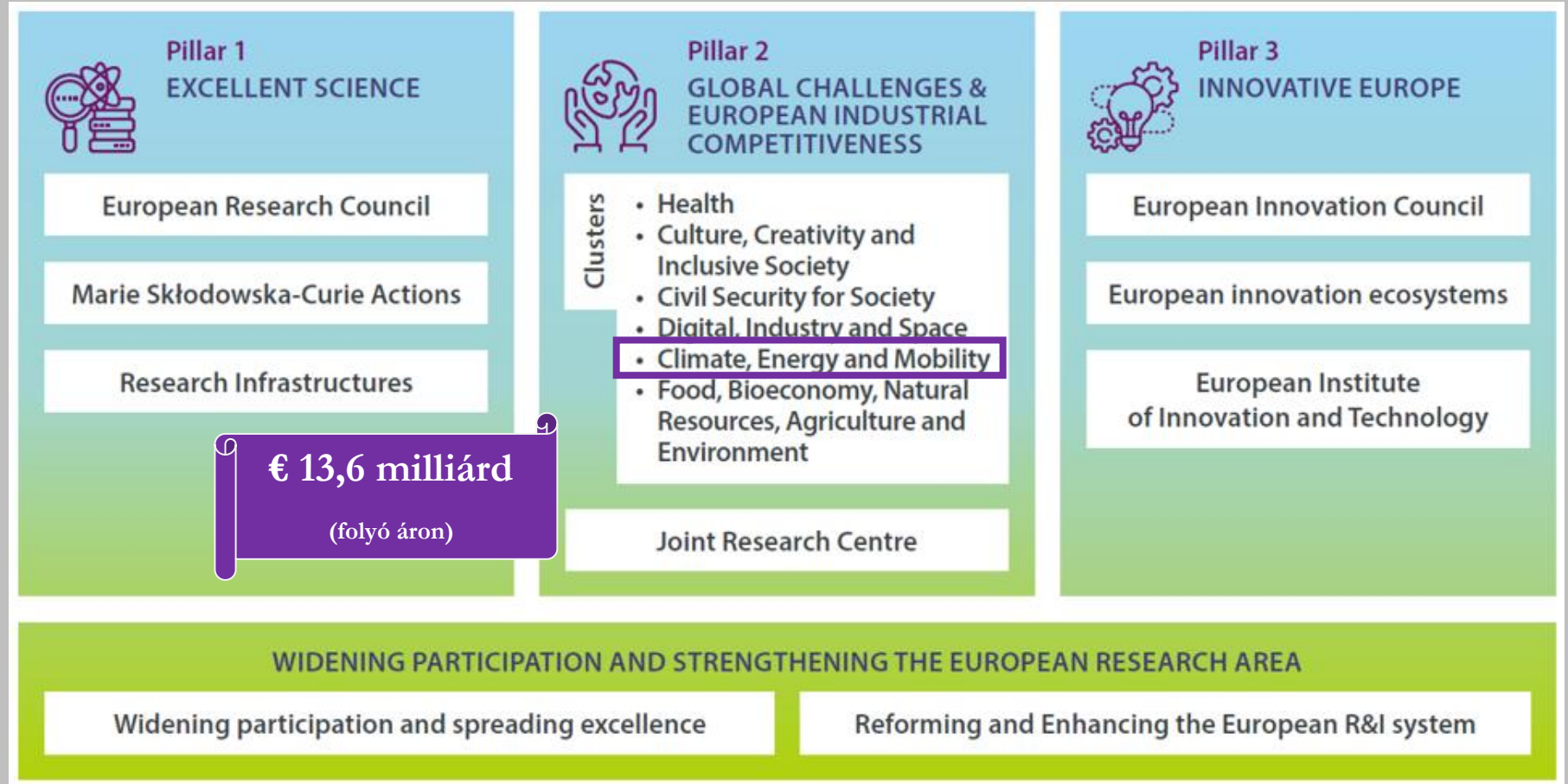


5. Klaszter munkaprogram & kapcsolódó Missziók

A Horizont Európa keretprogram szerkezete

€ 95,5 milliárd

(HE ktg.vetés folyó áron)



€ 13,6 milliárd

(folyó áron)

Jelenleg 120 Cluster 5 pályázati lehetőség áll nyitva, 2022 végéig 15 további pályázat nyílik meg!

Partnerségek

A II. pillér ktgvetésének
max. 50%-a

Missziók

A II. pillér ktgvetésének
max. 10%-a

5. Klaszter munkaprogramjának felépítése



Destinations	Thematic Area	# of 2022 calls	2022 budget (M EUR)
1 Climate sciences and responses	Climate Science	8	138
2 Cross-sectoral solutions	Batteries	10	133
2 Cross-sectoral solutions	Breakthrough technologies	0	0
2 Cross-sectoral solutions	Citizen and stakeholder engagement	0	0
2 Cross-sectoral solutions	Communities and cities	1	5
3 Sustainable, secure and competitive energy supply	Renewable energy	24	368,5
3 Sustainable, secure and competitive energy supply	Energy system, grids and storage	7	181
3 Sustainable, secure and competitive energy supply	CCUS	1	58
3 Sustainable, secure and competitive energy supply	Cross-cutting issues - energy	0	0
4 Efficient, sustainable and inclusive energy use	Buildings	8	122
4 Efficient, sustainable and inclusive energy use	Industry	2	18
5 Clean and competitive solutions for all transport modes	2ZERO	4	105
5 Clean and competitive solutions for all transport modes	Aviation	3	45
5 Clean and competitive solutions for all transport modes	Waterborne transport	6	96
5 Clean and competitive solutions for all transport modes	Health and environment	1	7
5 Clean and competitive solutions for all transport modes	Cross-cutting issues - transport	0	0
6 Safe, Resilient Transport and Smart Mobility services	CCAM	5	88
6 Safe, Resilient Transport and Smart Mobility services	Multimodal transport, infrastructure, logistics	7	91
6 Safe, Resilient Transport and Smart Mobility services	Transport safety	3	34
Other	Other	90	31
Total			1 489,5

Fenntartható, biztonságos és versenyképes energiaellátás [3]

„make the energy supply side cleaner, more secure, and competitive by boosting cost performance and reliability of a broad portfolio of renewable energy solutions, in line with societal needs and preferences”

1

Megújuló energia

→ megfizethető, biztonságos és fenntartható

2

Energiarendszerek, -hálózatok és -tárolás

→ intelligens és kiberbiztonságos, optimalizált

3

Szén-dioxid-leválasztás és -tárolás (CCUS)

→ villamosenergia-termelésben és ipari alkalmazásokban

4

Több terület



Épületek

Ipar

- az **energiakeresleti** oldalt célzó tevékenységek
- **digitális technológiák** használata
- az energiarendszer **interaktív elemei**:
 - Energiafogyasztás optimalizálása
 - Elosztott termelés és tárolás optimalizálása
 - Energiarendszerrel való kapcsolattartás



Destination 3-4
Energiaellátás & -felhasználás
Aktuális pályázati lehetőségek

Pályázati lehetőségek – energiaellátás [3]

	BEADÁSI HATÁRIDŐK	
TEMATIKA	27/10/2022	10/01/2023
Megújuló energia	8	9
Energiarendszerek, -hálózatok és - tárolás	0	0
CCUS	0	0
Összesen	8	9

BIO/RENEWABLE FUEL

CHEMICAL INDUSTRY

GEO THERMAL

CSP

AGRICULTURE

WIND ENERGY

SOLAR

FORESTRY

DIGITAL SOLUTIONS

INTERNATIONAL COOPERATION

MODELLING-PLANNING

TECHNOLOGICAL INTERFACES | 0

Pályázati lehetőségek [3] – 2022/10/27

PÁLYÁZATI FELHÍVÁS CÍME	PÁLYÁZAT TÍPUSA	TELJES KTG VETÉS	TRL
HORIZON-CL5-2022-D3-02-01 Digital solutions for defining synergies in international renewable energy value chains	RIA	€ 9 million	5
HORIZON-CL5-2022-D3-02-02 AU-EU Energy System Modelling	RIA	€ 5 million	
HORIZON-CL5-2022-D3-02-03 Innovative renewable energy carrier production for heating from renewable energies	IA	€ 10 million	7
HORIZON-CL5-2022-D3-02-04 Technological interfaces between solar fuel technologies and other renewables	RIA	€ 10 million	4
HORIZON-CL5-2022-D3-02-05 Renewable energy carriers from variable renewable electricity surplus and carbon emissions from energy consuming sectors	IA	€ 20 million	7
HORIZON-CL5-2022-D3-02-06 Direct renewable energy integration into process energy demands of the chemical industry	RIA	€ 10 million	4-5
HORIZON-CL5-2022-D3-02-07 Renewable energy incorporation in agriculture and forestry	IA	€ 15 million	6-7
HORIZON-CL5-2022-D3-02-08 Demonstration of complete value chains for advanced biofuel and non-biological renewable fuel production	IA	€ 20 million	6-7

Pályázati lehetőségek [3] – 2023/01/10

PÁLYÁZATI FELHÍVÁS CÍME	PÁLYÁZAT TÍPUSA	TELJES KTG VETÉS	TRL
HORIZON-CL5-2022-D3-03-01 Innovative components and/or sub-systems for CSP plants and/or concentrating solar thermal installations	IA	€ 16,5 million	6-7
HORIZON-CL5-2022-D3-03-02 : Best international practice for scaling up sustainable biofuels	RIA	€ 9 million	4-5
HORIZON-CL5-2022-D3-03-03 Efficient and circular artificial photosynthesis	RIA	€ 10 million	5
HORIZON-CL5-2022-D3-03-04 Integrated wind farm control	RIA	€ 18 million	5
HORIZON-CL5-2022-D3-03-05 Novel Thin Film (TF) technologies targeting high efficiencies	RIA	€ 20 million	5
HORIZON-CL5-2022-D3-03-06 Efficient and low-emission technologies for industrial use of combustion and gasification systems from low-value biogenic residues and wastes	RIA	€ 10 million	5
HORIZON-CL5-2022-D3-03-07 Development of algal and renewable fuels of non-biological origin	RIA	€ 15 million	4-5
HORIZON-CL5-2022-D3-03-08 Development of digital solutions for existing hydropower operation and maintenance	RIA	€ 9 million	5
HORIZON-CL5-2022-D3-03-09 Recycling end of life PV modules	IA	€ 20 million	7

Pályázati lehetőségek [4] – 2023/09/06 ill. 2023/01/24

Online
tájékoztató
rendezvény:
2022.06.28

[Regisztráció](#)

PÁLYÁZATI FELHÍVÁS CÍME	Call ID	TÍPUS	Tejes ktg.vetés	Projektenkénti ktg.vetés	TRL
Demand response in energy-efficient residential buildings	HORIZON-CL5-2022-D4-01-01	IA	€ 12,000,000.00	4.00 to 6.00	TRL6-7
Renewable-intensive, energy positive homes	HORIZON-CL5-2022-D4-01-02	IA	€ 12,000,000.00	4.00 to 6.00	TRL6-7
Smarter buildings for better energy performance	HORIZON-CL5-2022-D4-01-03	IA	€ 12,000,000.00	4.00 to 6.00	TRL8
Designs, materials and solutions to improve resilience, preparedness & responsiveness of the built environment for climate adaptation (Built4People)	HORIZON-CL5-2022-D4-02-01	IA	€ 15,000,000.00	5.00 to 7.50	TRL6-7
Solutions for the sustainable, resilient, inclusive and accessible regeneration of neighbourhoods enabling low carbon footprint lifestyles and businesses (Built4People)	HORIZON-CL5-2022-D4-02-02	IA	€ 15,000,000.00	5.00 to 7.50	TRL6-7
Sustainable and resource-efficient solutions for an open, accessible, inclusive, resilient and low-emission cultural heritage: prevention, monitoring, management, maintenance, and renovation (Built4People)	HORIZON-CL5-2022-D4-02-03	RIA	€ 20,000,000.00	4.00 to 5.00	TRL5
Smart-grid ready and smart-network ready buildings, acting as active utility nodes (Built4People)	HORIZON-CL5-2022-D4-02-04	IA	€ 18,000,000.00	6.00 to 9.00	TRL7
More sustainable buildings with reduced embodied energy / carbon, high life-cycle performance and reduced life-cycle costs (Built4People)	HORIZON-CL5-2022-D4-02-05	IA	€ 18,000,000.00	6.00 to 9.50	TRL6-7

Klímasemleges és Intelligens Városok Misszió



1

2030-ra **legalább 100** klímasemleges és intelligens város kialakítása Európában.

2

Gondoskodjunk arról, hogy ezek a városok kísérleti és innovációs központként működjenek, hogy **2050-re minden európai város** klímasemleges legyen.

Climate City Contracts
Budapest, Miskolc, Pécs

Mission Platform

Tailor-made help with funding and financing

A Mission label to unlock synergies with other programmes

R&I action under Horizon Europe

Innovative city governance models and citizen engagement

Common framework for monitoring, reporting and verification

Global Knowledge Exchange Centre

Links with the New European Bauhaus

Aktuális pályázati lehetőség:

HORIZON-MISS-2022-CIT-01-01: Inkluzív, biztonságos és fenntartható városi mobilitás tervezése

Beadási határidő: **2022. szeptember 6.**

Driving Urban Transitions (DUT) Partnerség

15



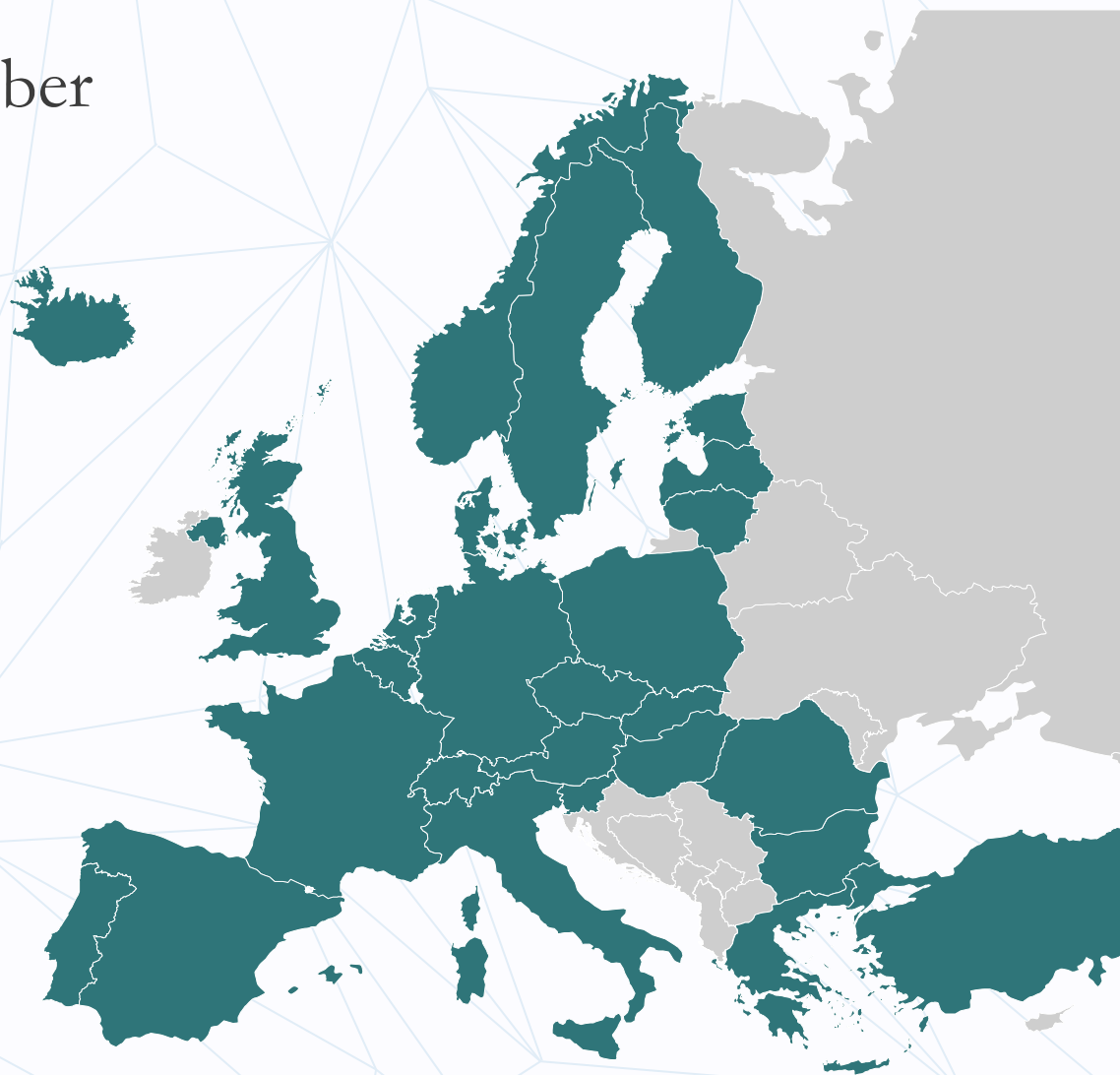
- 63 partnerintézmény 27 különböző európai országból
- Társ-finanszírozott partnerség
- Első pályázati lehetőségek: 2022. szeptember

T
é
m
á
k

PED

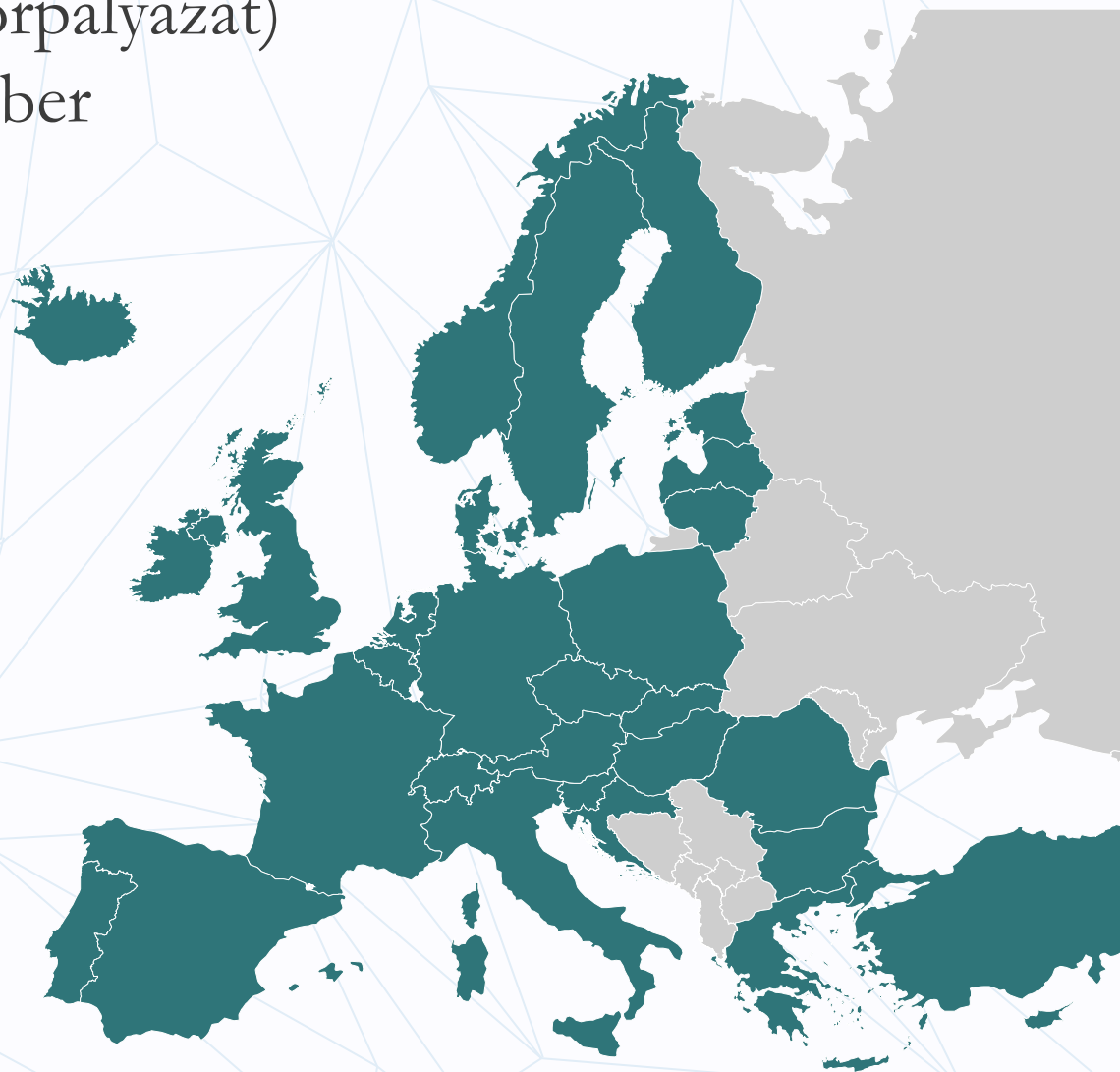
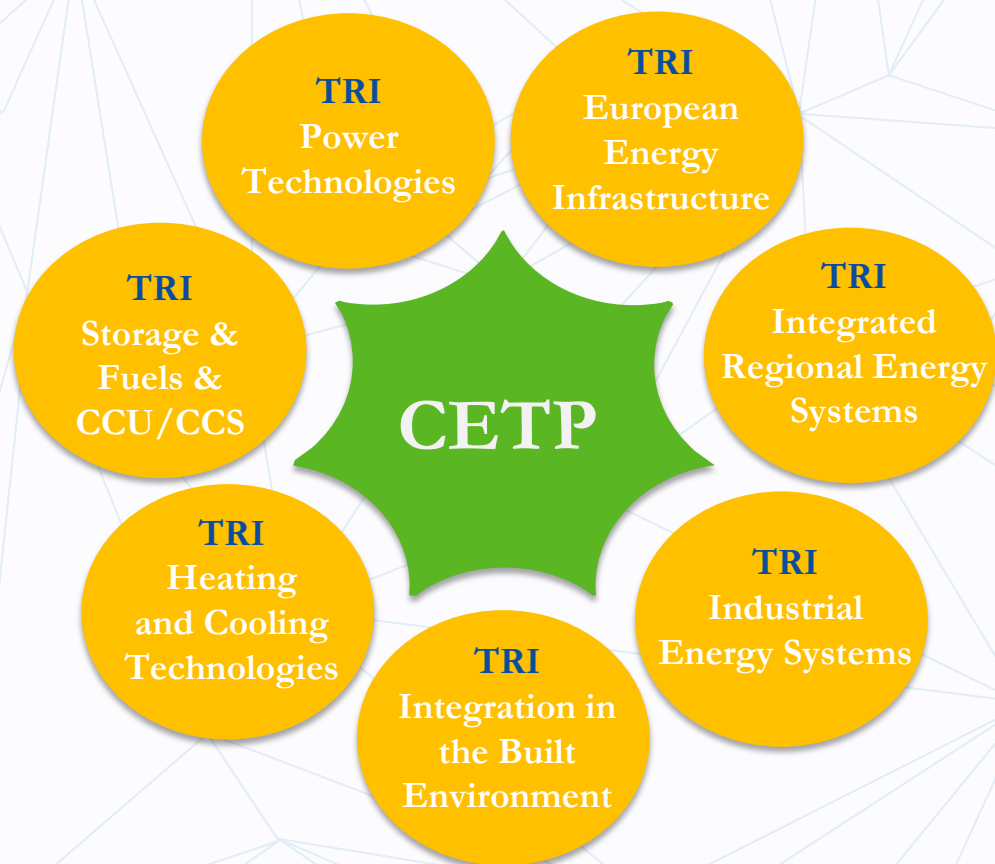
15-min city

Circular Economy



Clean Energy Transition (CET) Partnerség

- 70 partnerintézmény 32 különböző európai országból
- Társ-finanszírozott partnerség (hazai tükörpályázat)
- Első pályázati lehetőségek: 2022. szeptember



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.



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

← → ↻ https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;callCode=nu 50% ☆

Könyvjelzők importálása... Bevezetés Heti jelenlét - Google ... Nemzeti Kutatási, Fejl...

European Commission Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA) English Register Login

SEARCH FUNDING & TENDERS HOW TO PARTICIPATE PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT

Horizon Europe (HORIZON) clear filter

• 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.

Type your Keywords... 🔍

☒ Match whole words only

☒ GRANTS ☒ TENDERS

Submission status

☒ Forthcoming ☒ Open for submission (6) ☐ Closed

Programming period

2021 - 2027 (6) x v

Horizon Europe (HORIZON) x

Programme part

Select a Programme part...

Mission

Mission: Adaptation to climate change (6) x v

Destination

Select a Destination...

Funding and tenders (6) Need help? 📅 🔔 Sort by: Submission status v

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

Programme Horizon Europe (HORIZON) Status Open for submission

Type of action HORIZON Research and Innovation Actions Deadline model single-stage

Opening date 12 May 2022 Deadline date 27 September 2022 17:00:00 Brussels time

Call for proposal Grant

Unlocking of financial resources for investments into climate resilience HORIZON-MISS-2022-CLIMA-01-02

Programme Horizon Europe (HORIZON) Status Open for submission

Type of action HORIZON Research and Innovation Actions Deadline model single-stage

Opening date 12 May 2022 Deadline date 27 September 2022 17:00:00 Brussels time

Call for proposal Grant

Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation HORIZON-MISS-2022-CLIMA-01-06

Programme Horizon Europe (HORIZON) Status Open for submission

Type of action HORIZON Innovation Actions Deadline model single-stage

Opening date 12 May 2022 Deadline date 27 September 2022 17:00:00 Brussels time

Call for proposal Grant

Best practices on and piloting insurance solutions for climate adaptation in EU regions and communities HORIZON-MISS-2022-CLIMA-01-03

Programme Horizon Europe (HORIZON) Status Open for submission

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

27



Calls

- **Research and Innovation actions (RIA & IA) in support of the implementation of the Adaptation to Climate Change Mission**
- **Deadline: 27 September, 2022**
- 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
- Unlocking of financial resources for investments into climate resilience HORIZON-MISS-2022-CLIMA-01-02
- Unlocking of financial resources for investments into climate resilience HORIZON-MISS-2022-CLIMA-01-02
- Transformation of regional economic systems for climate resilience and sustainability HORIZON-MISS-2022-CLIMA-01-04
- Boost the sponge function of landscape as a way to improve climate-resilience to water management challenges HORIZON-MISS-2022-CLIMA-01-05
- Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation HORIZON-MISS-2022-CLIMA-01-06

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
Type of action	RIA Research and Innovation Actions
Project budget	2-3M €
Call Budget	6M €
Nb of projects	2
Deadline date	27 September 2022 17:00:00 Brussels time
Scope	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 Demonstrated application in at least 5 EU regions or communities

Call	<u>Unlocking of financial resources for investments into climate resilience</u>
Code	HORIZON-MISS-2022-CLIMA-01-02
Type of action	RIA Research and Innovation Actions
Project budget	5-6M €
Call Budget	6M €
Nb of projects	1
Deadline date	27 September 2022 17:00:00 Brussels time
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
Type of action	RIA Research and Innovation Actions
Project budget	2-3M €
Call Budget	6M €
Nb of projects	2
Deadline date	27 September 2022 17:00:00 Brussels time
Scope	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
Type of action	RIA Research and Innovation Actions
Project budget	5-6M €
Call Budget	6M €
Nb of projects	1
Deadline date	27 September 2022 17:00:00 Brussels time
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
Type of action	RIA Research and Innovation Actions
Project budget	2-3M €
Call Budget	3M €
Nb of projects	1
Deadline date	27 September 2022 17:00:00 Brussels time
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.



https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/eu-missions-horizon-europe/healthy-oceans-sea-coastal-and-inland-waters_en

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)
Project budget	12-20M €
Call Budget	88 315 382 €
Nb of projects	5
Deadline date	27 September 2022 17:00:00 Brussels time
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
- NKFIH HE portal: <https://www.horizonteuropa.nkfi.gov.hu/palyazas/aktualis-felhivasok>
- Nemzeti Kapcsolattartói Hálózat (NCP): <https://www.horizonteuropa.nkfi.gov.hu/horizont-europa-program/nemzeti-kapcsolattartok>

2023-24 Calls Cluster 5 Destination 1



Climate sciences and responses

- Earth system science
- Climate change mitigation, pathways to climate neutrality
- Climate change impacts and adaptation
- Social science, citizen science and behavioural science for climate action
- International cooperation
- Climate-ecosystem interactions
- **2023 calls:**
 - Opening: 02 Dec 2022
 - Deadline(s): 18 Apr 2023
- **2024 calls:**
 - Opening: 12 Sep 2023
 - Deadline(s): 06 Feb 2024

2023-24 Calls Cluster 6

Destination 3, 4



Circular economy and bioeconomy sectors

- Enabling a circular economy transition
- Innovating for sustainable bio-based systems, biotechnology and the bioeconomy
- Innovating for blue bioeconomy and biotechnology value chains

Clean environment and zero pollution

- Halting pollution of air, soil and water
- Protecting drinking water and managing urban water pollution
- Addressing pollution in seas and ocean
- Increasing environmental performances and sustainability of bio-based processes and products
- Reducing the environmental impact and pollution in food systems



6. Klaszter Munkaprogram & kapcsolódó Misszió

Nature & biodiversity a Horizont Európa programban



Klaszter 6: Élelmiszer, biomassza alapú gazdaság, természeti erőforrások, mezőgazdaság és környezet

Desztináció 1. Biodiverzitás és ökoszisztéma-szolgáltatások



Talaj misszió (A Soil Deal for Europe Mission)

Víz misszió (Restore our Ocean and Waters by 2030 Mission)

Biodiverzitás és ökoszisztéma szolgáltatások megóvása (klasszikus pályázatok)



Kapcsolattartó: dr. Hollósi Krisztina
E-mail: krisztina.hollosi@nkfih.gov.hu

KFI projektek fókuszpontjai 2023-24. évi felhívásokban:

- A biodiverzitás hanyatlásához vezető okok megértése.
- Biodiverzitás védelme és helyreállítása.
- **Ökoszisztéma szolgáltatások és természeti erőforrások gazdasági és társadalmi értéke.**
- **Biodiverzitás-barát mezőgazdasági gyakorlatok.**
- Biodiverzitás és egészség közötti kapcsolat.

Várható megjelenés: 2022. december (várható projektindulás 2024/2025-ben).

- Két évre kb. 30 felhívás, egy-egy alatt főként 1-2 projektet finanszíroznak.
- 3-6 M EUR-s projektnagyság (de előfordul 8-10 M EUR-s is).
- 10-20-30 konzorciumi tag.

Példák: fény- és zajszennyezés hatásai, begyűjtött környezeti adatok optimálisabb felhasználása a digitális technológiák segítségével, természet alapú megoldások a fenntartható vízgazdálkodásért, beporzóbarát gazdálkodási rendszerek, biodiverzitás hanyatlása és zoonózis.

Partnerség az európai biodiverzitásért: szakminisztériumokból és kutatásfinanszírozó ügynökségekből álló partnerség, amelynek egyik aspektusa a pályázati felhívások meghirdetése.

- Évente 1 felhívás, kb. 30-35 támogatott projekttel.
- Költségvetést és konzorciumot illetően kisebb projekteket finanszíroz (1,2-1,5 M EUR, 3-9 partner)
- Elszámolás a hazai szabályok szerint (nyertes projekt esetén a magyar partner az NKFIH-val köt finanszírozásra szerződést).
- A következő felhívás 2022. szeptember 8-án nyílik meg. Téma: biodiverzitás monitorozása.

További információ: <https://www.biodiversa.org/>



Partnerség a bolygó vízkészleteinek biztonságaért: szakminisztériumokból, kutatásfinanszírozó ügynökségekből, regionális és helyi hatóságokból, tematikusan releváns európai hálózatokból, vizes klaszterekből és kutatóhelyekből álló partnerség, amelynek egyik aspektusa a pályázati felhívások meghirdetése.

- Évente 1 felhívás, kb. 30 támogatott projekttel.
- Költségvetést és konzorciumot illetően kisebb projekteket finanszíroz (3-7 partner)
- Elszámolás a hazai szabályok szerint (nyertes projekt esetén a magyar partner az NKFIH-val köt finanszírozásra szerződést).
- Az első felhívás várhatóan 2022. szeptemberben nyílik meg. Téma: vízkészletekkel való gazdálkodás (szélsőséges időjárási események között).

További információ: [Horizont Európa honlap](#)

TALAJ MISSZIÓ

A missziók célja, hogy nagy társadalmi kihívások mentén érjenek el rövid időn belül mérhető hatást
(összesen 5 misszió)

Különböző típusú tevékenységek keverednek benne:

kutatás

innováció

monitoring

Költségvetés: a Horizon Europe II. pillér 10%-a
(kb. 5,3 Mrd EUR az 5 misszióra együttesen)

2021. évre 62
millió EUR

2022. évre 95
millió EUR

2023. évre 158
millió EUR (living
lab felhívások is)

TALAJ MISSZIÓ

A MISSZIÓ CÉLKITŰZÉSEI

*„100 ÉLŐ LABORATÓRIUM ÉS „VILÁGÍTÓTORONY” 2030-RA,
AMELYEK BIZTOSÍTJÁK AZ ÁTMENETET AZ EGÉSZSÉGES
TALAJOK FELÉ”*

**Kapacitásépítés a
tudásbázis
bővítésére**

A talajegészség
javítása érdekében a
helyalapú innováció
támogatása

Integrált európai
talajmonitoring
rendszer
kifejlesztése

Együttműködés
kialakítása a talajt
használókkal

üzleti, digitális és
nemzetközi
dimenziók

Aktuális pályázati felhívások

TOPIC	Title	Instrument	Budget (million EUR)
SOIL-01-01	Building the mission's knowledge repository and advancing the European Soil Observatory	IA	6 (1 project)
SOIL-01-02	Improving food systems sustainability and soil health with food processing residues	RIA	14 (2 projects)
SOIL-01-03	Soil biodiversity and its contribution to ecosystem services	RIA	16 (2 projects)
SOIL-01-04	Remediation strategies, methods and financial models for decontamination and reuse of land in urban and rural areas	RIA	21 (3 projects)

Beadási határidő: 2022. szeptember 27.

Pályázatok elérhetősége: [Search Funding & Tenders \(europa.eu\)](https://search.funding-tenders.europa.eu)

Talaj
missziós
felhívások

Aktuális pályázati felhívások

TOPIC	Title	Instrument	Budget (million EUR)
SOIL-01-05	Soil carbon and GHG Balance monitoring on land	RIA	14 (2 projects)
SOIL-01-06	(Policy) network on carbon farming for agricultural and forest soils	CSA	3 (1 projects)
SOIL-01-07	Foster soil education across society	RIA	6 (1 project)
SOIL-01-08	Framework Partnership Agreement (FPA) for a Living Lab network support structure	FPA	0
SOIL-01-09	Citizen Science for Soil Health	RIA	6 (1 project)
SOIL-01-10	Innovations for soil improvement from food waste	IA	9 (3 projects)

Beadási határidő: 2022. szeptember 27.

Pályázatok elérhetősége: [Search Funding & Tenders \(europa.eu\)](https://ec.europa.eu/funding/)

Talaj
missziós
felhívások

Köszönjük a figyelmet!

orsolya.kuttel@nkfih.gov.hu
orsolya.toth2@nkfih.gov.hu

Nemzeti Kutatási, Fejlesztési és Innovációs Hivatal

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