Horizon Europe Konzorciumépités Partnerkeresés

Németh Edina

Nemzeti Kutatási, Fejlesztési és Innovációs Hivatal



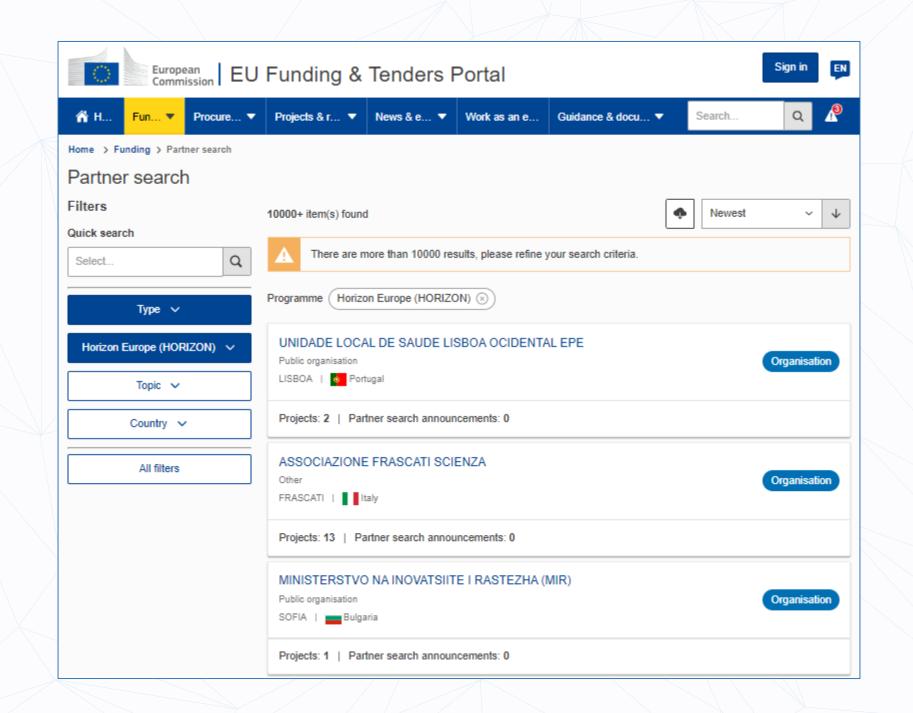


Partnerkeresés Horizon Europe



F&T Portál

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search



ONLINE Partnerkereső

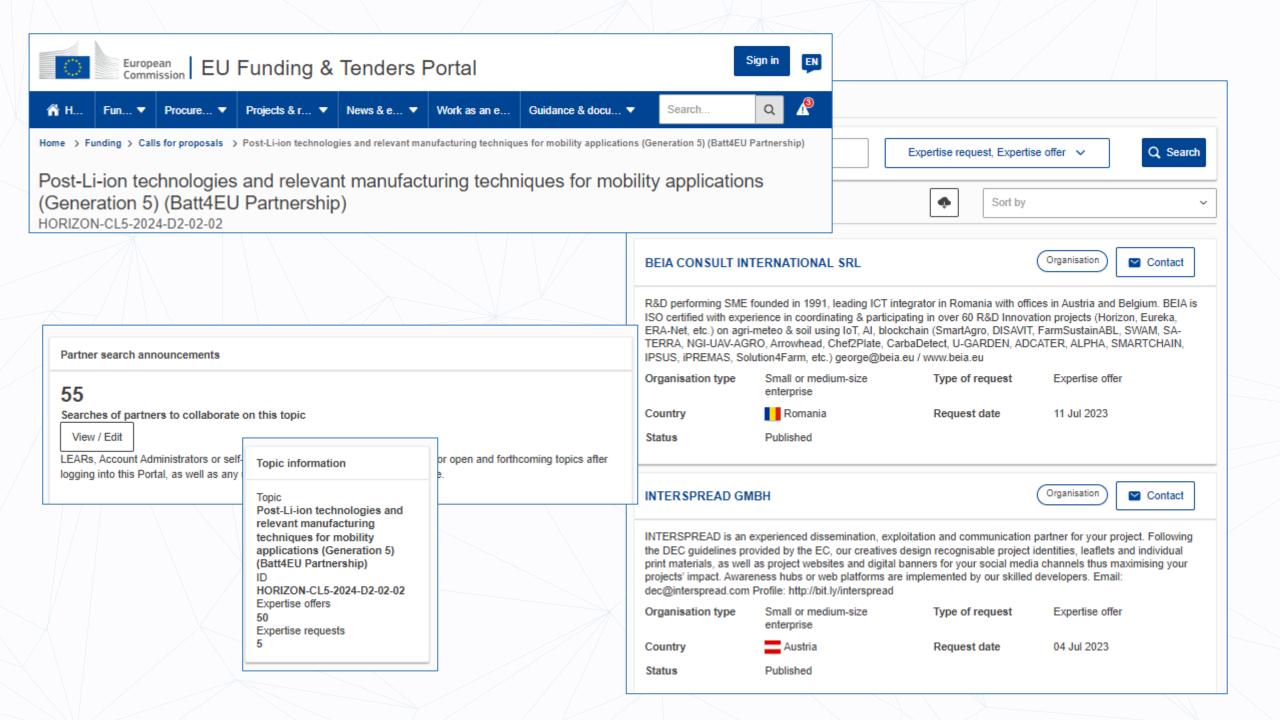
Partner search announcements

245

Searches of partners to collaborate on this topic

View / Edit

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal, as well as any user having an active public Person profile.



Felhívás elemzése

https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/european-partnerships-horizon-europe_en

Topic description

ExpectedOutcome:

Proposal results are expected to contribute to at least one of the following expected outcomes:

- · Truly mixed human-AI initiatives for human empowerment
- · Trustworthy hybrid decision-support systems

Scope:

Build the next level of **perception, visualisation, interaction and collaboration** between humans and AI systems working together as partners to achieve common goals, sharing mutual understanding and learning of each other's abilities and respective roles.

Innovative and promising approaches are encouraged, including human-in the loop approaches for truly mixed human-AI initiatives combining the best of human and machine knowledge and capabilities, tacit knowledge extraction (to design the next generation AI-driven co-creation and collaboration tools embodied e.g. in industrial/working spaces environments).

Each proposal will exclusively focus on one of the two following research objectives, and must clearly identify its focus in the proposal:

- Reach truly mixed human-AI initiatives for human empowerment. The approaches should combine the best of human and machine
 knowledge and capabilities including shared and sliding autonomy in interaction, addressing reactivity, and fluidity of interaction and making
 systems transparent, fair and intuitive to use, which will play a key role in acceptance. The systems should adapt to the user rather than the
 opposite, based on analysis, understanding and anticipation about human behaviour and expectations.
- Trustworthy hybrid decision-support, including approaches for mixed and sliding decision-making, for context interpretation, for dealing with uncertainty, transparent anticipation, reliability, human-centric planning and decision-making, interdependencies, and augmented decisionmaking. Transparency, fairness, technical accuracy and robustness will be the key, together with validation strategies assessing also the quality of the decision of the AI supported socio-technical system.

All proposals should adopt a human-centred development of trustworthy AI and investigate and optimise ways of human-AI interaction, key for acceptance and democratisation of AI, to allow any user to take full advantage of the huge benefits such technology can offer, regardless of their age, race, gender or capabilities. This includes development of methods to improve transparency, in particular for human users, in terms of



Call

Disaster-Resilient Society 2023 (HORIZON-CL3-2023-DRS-01)

Type of action HORIZON-RIA HORIZON Research and Innovation Actions	Type of MGA HORIZON Action
Deadline model single-stage	Opening date 29 June 2023

Topic description

ExpectedOutcome:

Projects' results are expected to contribute to some or all of the following outco

- Identification of different factors in inequality and ways to communicate wife order to elaborate an interconnectedness of resilience and vulnerability;
- Improvement of populations health literacy and basic understanding of how vaccines work and how they are developed and produced;
- Improved crisis communication through increased awareness and risk per bio security, identification of challenges for and limits of communication str interventions regarding different vulnerable groups and approaches to add interculturality, intersemiotics:
- Putting the citizen at the centre of the crisis management process (involvir citizen volunteers in demonstrations related to research developments), in gender expertise capacity to access, read and interpret scientifically sourced information, at citizen volunteer behaviours regarding unpopular measures (e.g., quarantine) and vaccinat expected outcon identification and relieving of barriers for vaccination readiness: Trust, risk appraisar, parriers for registration for vaccination, information, collective responsibility;
- Incorporation of information technology and bias-free data into crisis management through improved information processing in transformative governance, illustrating possibilities, challenges, and limits of digitalisation and enabling usage of data for political decision makin
- Incorporation of machine learning and artificial intelligence in governance and political decision making based on interdisciplinary discussions on definitions on problems in compliance with EU law: areas of application; and definition of responsibilities and competences in data governance;
- Validation of novel, smartphone sized or wearable technologies with laboratory-level diagnostics capability (e.g., wearables with integrated digital dosimeters, handheld PCR test devices):

Scope:

The COVID-19 pandemic illustrated the specific challenges of health emergencies and the necessity to be prepared not only on a material and physical level but also from a so and societal perspective. Challenges during the pandemic included difficulties of working with protective gear such as insecurities and usage mistakes; additional disadvantages vulnerable groups among others due to communication issues; and lack of local cooperation and prevention regarding equipment, stocks, and coordination. These challenges we largely due to deficiencies in the inclusion of social sciences in disaster research. The COVID-19 pandemic poses an opportunity to analyse successes and difficulties during a global health crisis and thereby preparing for future health crises.

Currently, different groups are not reached equally by public communication efforts. Risk communication especially fails to contact vulnerable groups. Social inequalities are pre in different forms and on different levels. For communication strategies and interventions, it should be considered how they are affected by different groups, localities, and cultur factors. In different crises, different vulnerability factors can be more pronounced and different groups can be more vulnerable. On the other hand, resilience can protect against negative effects of crises. Resilience can be supported on an individual, organisational, or systemic level. All should be considered in preparation for crisis as well as in acute situations

Information technology and digital data processing are becoming increasingly important in public health issues. Processing large datasets and automated analyses can open ne possibilities in understanding health and illness on a population level and for deriving prevention strategies. However, the implementation of information technology poses sever groups, of individual, organisational, and systemic resilience factors and p challenges and research on how to effectively use the results in political decision-making. Data security is another challenge when large amounts of personalized (health) data these, and of ways to address vulnerabilities in acute crisis as well as duri processed automatically. Concerns about data security and general scepticism about digital information processing in the population need to be taken seriously and addressed. the solutions need to comply with EU law, including on data protection and cybersecurity.

Health encompasses several aspects and levels. Human health incorporates both physical and psychological health which are interconnected and mutually dependent. At the s time, humans are embedded in their environment so human and environmental health cannot be approached in isolation from each other. According to the One Health approach health of humans, animals, and environment are intertwined. This is illustrated by the current health crisis of COVID-19 which is attributed to SARS-CoV-2 jumping over from will animals to humans. Another illustration of the interconnectedness are health impacts of climate change. These interdependencies make an interdisciplinary approach to health elaborating of ways for resolving barriers for crisis communication: interling necessary that incorporates all aspects of health and their interconnectedness.

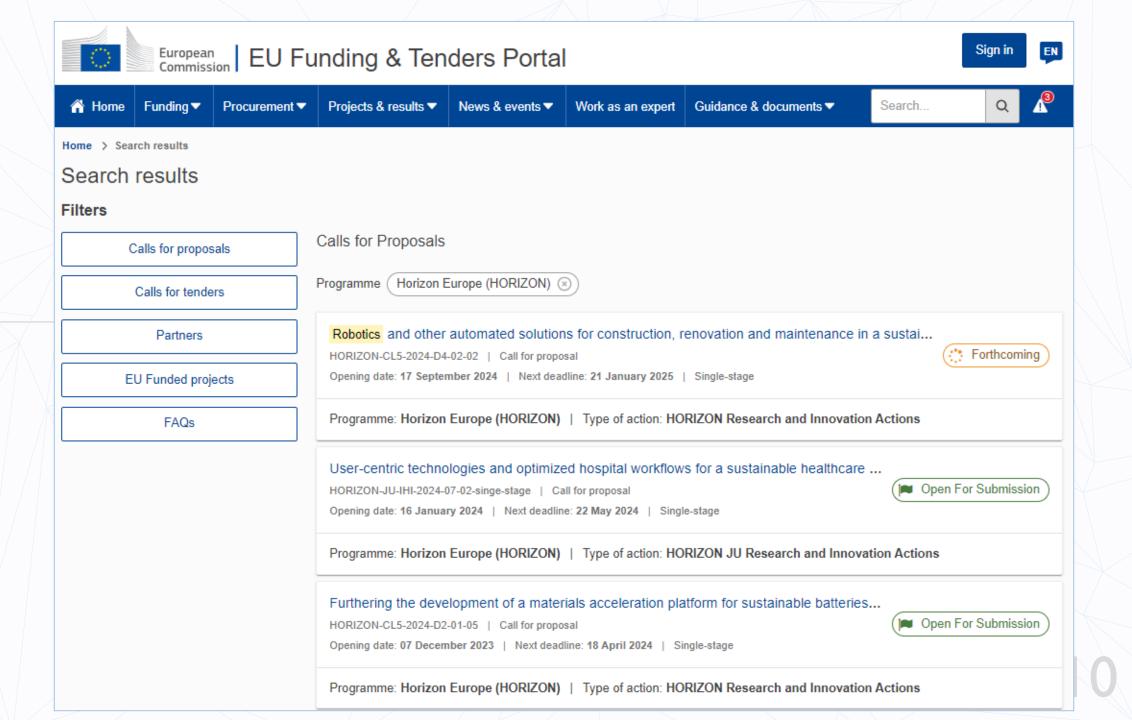
This topic requires the effective contribution of SSH disciplines and the involvement of SSH as well as gender experts, institutions as well as the inclusion of relevant SSH and

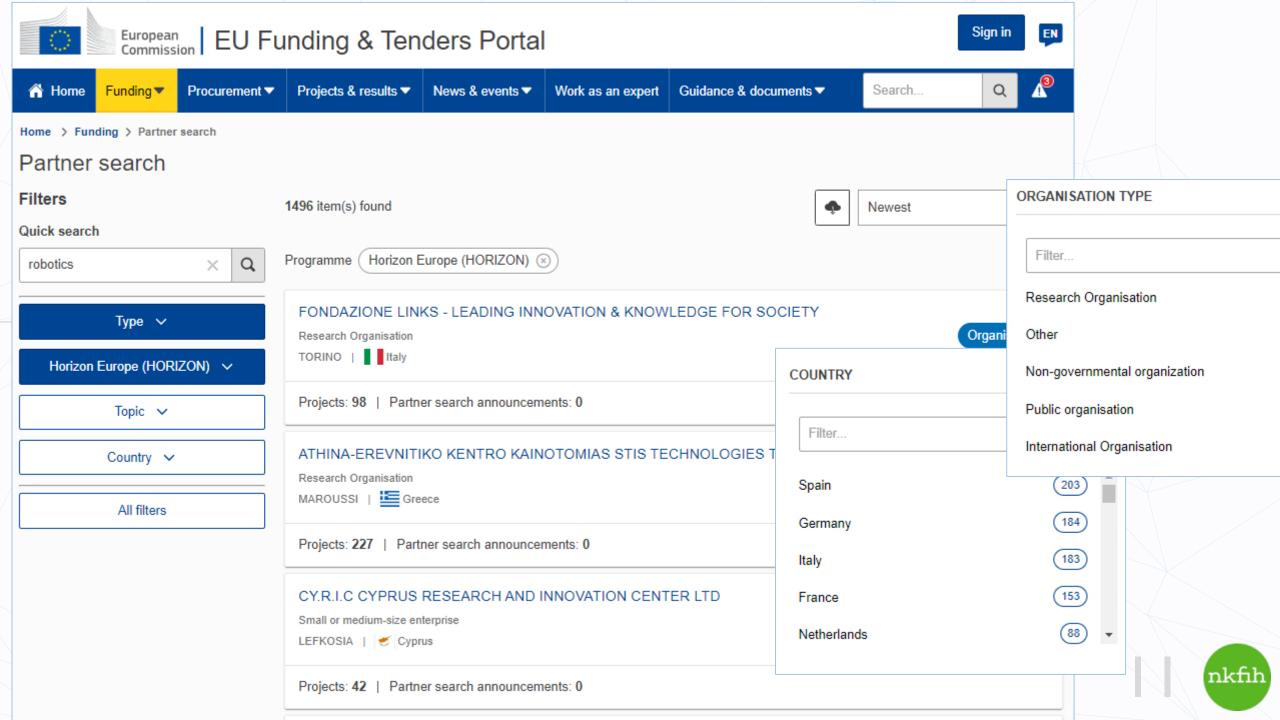
3. Other eligibility conditions: described in Annex B [2] of the Work Programme General Annexes

The following additional eligibility criteria apply:

This topic requires the active involvement, as beneficiaries, of at least 3 organisations from at least 3 different EU Member States or Associated Countries as follows organisation representing citizens or local communities; (ii) at least one organisation representing practitioners (first and/or second responders); and (iii) at least one representing local or regional authorities. For participants with practitioner status, applicants must fill in the table "Information about security practitioners" in the app with all the requested information, following the template provided in the submission IT tool.

If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or ((other data and services may additionally be used).

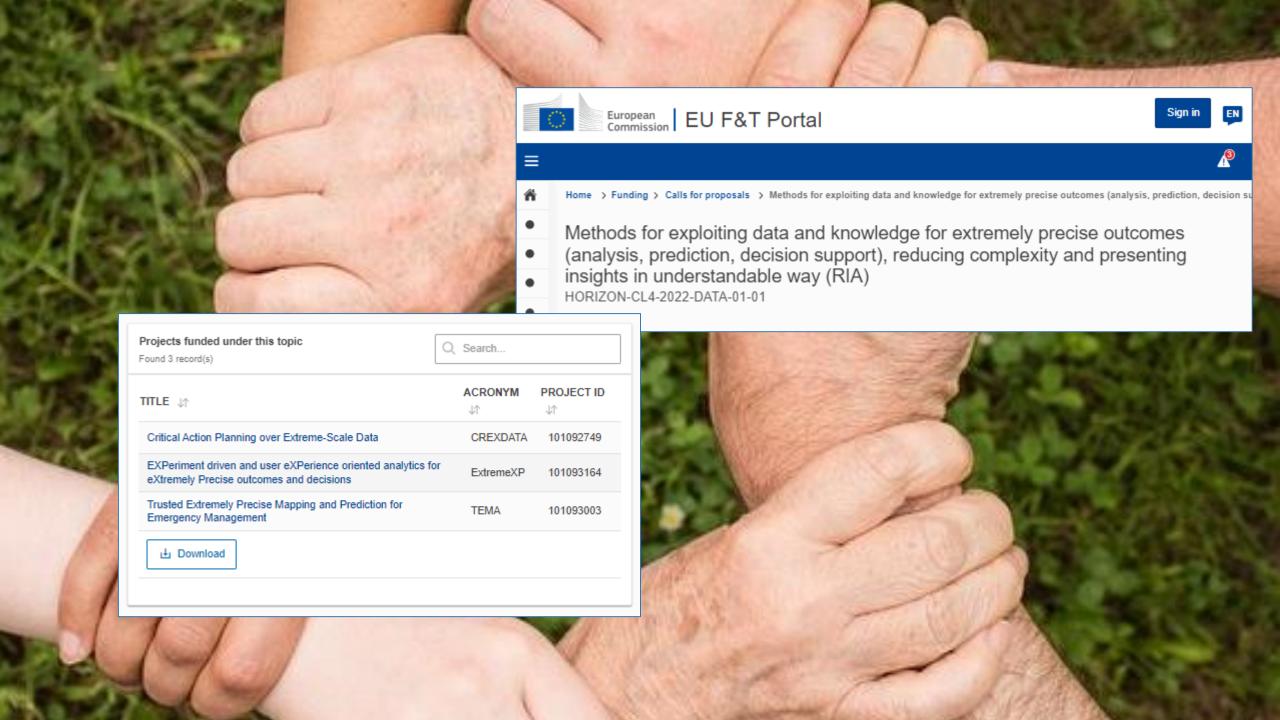




4. klaszter

Digitális technológiák

Korábbi felhívások projektek



HORIZONTEUROPA



Marie Skłodowska-Curiecselekvések

Kutatási infrastruktúrák



Európai Innovációs Tanács

3. pillér

Innovatív Európa

Európai innovációs ökoszisztémák

Európai Innovációs és Technológiai Intézet

A részvétel bővítése és az Európai Kutatási Térség megerősítése

A részvétel bővítése és a kiválóság terjesztése

Az európai K+I-rendszer megreformálása és megerősítése

Nyitott felhívások

ICT

ICT

ICT

Infokommunikációs technológia-orientált kutatások

Infokommunikációs technológiák alkalmazása

Tematikus és nyitott felhívások

ICT

Hol találunk Horizon Europe ANTIFICAL TINY NICHT CÉLZÓ felhívásokat? Mindenhol! REVERSE MEMBRANES ORGANS



HORIZONT EURÓPA | 4. KLASZTER | DESZTINÁCIÓK

Klímasemleges, körforgásos és digitális termelés Digitális, erőforrás-hatékony és ellenálló ipar Adat- és nagy teljesítményű számítástechnika a világ élvonalában Digitális és áttörést jelentő technológiák a versenyképesség és az **D4** európai zöld megállapodás szolgálatában Stratégiai autonómia globális űrinfrastruktúrák fejlesztésében, D5 bevezetésében és alkalmazásában A digitalis és ipari technológiák emberközpontú és etikus **D6** feilesztése

Partnerség

vezérelt program

https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/european-partnerships-horizon-europe_en

Horizon Europe

Partnerships in other clusters / cross-cluster

European Open Science Cloud

Innovative Health

Personalised Medicine

Large-scale innovation & transformation of health systems

Clean Aviation

Safe & Automated Road transport

Zero-emission Road Transport

EIT Urban Mobility

Sustainable, smart & inclusive cities & communities

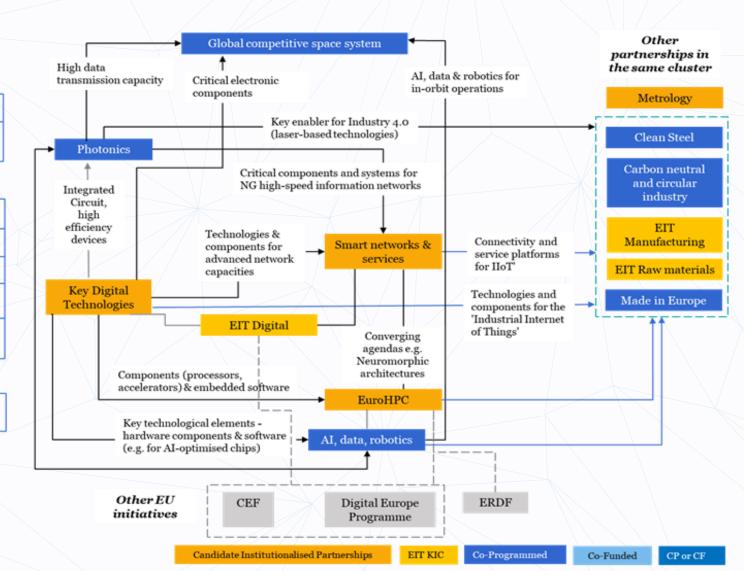
Clean Energy Transition

Accelerating farming systems transition

Safe & sustainable food system

Innovative SMEs

Technopolis Group





Partnerships in Horizon Europe

- Co-programmed European Partnerships
 These are partnerships between the Commission and private and/or public partners.
 They are based on memoranda of understanding and/or contractual arrangements.
- Co-funded European Partnerships using a programme co-fund action
 Partnerships involving EU countries, with research funders and other public authorities at the core of the consortium.
- Institutionalised European Partnerships
 These are partnerships where the EU participates in research and innovation funding programmes that are undertaken by EU countries.

Digital Centric Partnerships

- **Key Digital Technologies** (proposed as institutionalised) addressing the technological challenges and emerging opportunities for Europe on key digital technologies. This include microelectronics, embedded software and smart microsystems enlarged with elements of photonics, higher-layers of software and complex system integration
- **High Performance Computing** (proposed as institutionalised) to develop and deploy highly competitive and innovative HPC ecosystems in Europe. It will build on the experience gained in EuroHPC for achieving world-class exascal eand post-exascale (HPC) technologies in Europe, including their integration with Quantum computing
- Smart Networks and Services (proposed as institutionalised) to strengthen the position of the European industry in the global race on digital connectivity infrastructures including "5G and beyond" and later "6G" network systems and associated services
- Artificial Intelligence, data and robotics (proposed as co-programmed) with a strong socio-economic transformational potential with impact in sectors like health, manufacturing, ship-building, construction, service industries and farming, etc.
- **Photonics** (proposed as co-programmed) with a strong and growing impact on a broad variety of end user industries, developing next-generation photonics components and systems fostering synergies and coordination amongst research and industrial actors.

Digital Transformation Partnerships

- Innovative Health Initiative: collaborative platform bringing the pharmaceuticals, diagnostics, medical devices, imaging and digital sectors together for precompetitive R&I in areas of unmet public health need, to accelerate the development and uptake of people-centred health care innovations.
- Large-scale innovation and transformation of health systems in a digital and ageing society: improving health and care models in an ageing, data-driven and digital society, shifting to holistic health promotion and person-centred care approaches through health policy and health systems research.
- **Made in Europe**: Towards a competitive discrete manufacturing industry with a world-leading reduction of the environmental footprint whilst guaranteeing the highest level of well-being for workers, consumers and society.
- Mobility and Safety for Automated Road Transport: long-term framework to the strategic planning of research and pre-deployment programmes for connected and automated driving on roads at EU and national levels in a systemic approach (vehicle, interactions, infrastructure, technical and non-technical enablers and societal impact)
- **Batteries**: Towards a competitive European industrial battery value chain: development of a world-class European R&I system on batteries, with a view towards European industrial leadership. Develop a coherent strategic programme, in cooperation with industry and research community, substantially contributing to fulfilling the Paris Agreement, and enhance the competitiveness of current and emerging European industries along the battery value chain.
- **Clean Energy Transition**: respond to the call for decarbonisation in medium-and long-term in a holistic way, synthesizing all fragmented actions to allow for greater integration of relevant research & innovation areas and provide greater impact.

Other Cluster 4 related partnerships

- European Partnership for Globally competitive Space Systems: The vision is to support the competitiveness of the sector and reinforce EU capacity to access and use space. The main objectives for 2030 are to contribute to capturing 50% of the global accessible telecom satellite market, becoming the worldwide leader for Earth observation systems, reducing the cost/price of launch services by 50% by 2030, reaching a maturity of technology readiness level 6 in the fields of ecosystem for on-orbit operation, doubling the accessible new services in the space transportation market available to European industry
- Processes4Planet Transforming the European Process Industry for a sustainable society: The partnership aims at circularity and an extensive decarbonisation of European process industries, with a strong focus on competitiveness. Within a cross-sectorial approach, it will develop and deploy the innovations needed for a profound transformation of process industries, e.g., cement, chemical, steel, to achieve the EU Green Deal targets by 2050.
- **European Partnership on Metrology:** The partnership will accelerate the global lead of Europe in metrology research. By 2030, it will create sustainable European metrology networks in highly competitive and emerging metrology areas able to compete with China and the US. Europe will have a world-class metrology system, offering fit-for-purpose solutions supporting and stimulating new innovative products, responding to society's challenges and enabling effective design and implementation of regulation and standards underpinning public policies.
- European Partnership for Clean Steel Low Carbon Steelmaking: Aligned with the <u>European Green Deal</u> targets, the partnership supports EU leadership in transforming the steel industry into a carbon-neutral one, serving as a catalyser for other strategic sectors. By 2027 it will implement at least 2 demonstration projects leading to a 50% reduction in CO2 emissions and achieve <u>technology readiness level 8</u> by 2030 in at least 12 areas funded by the partnership. The final ambition is to reduce CO2 emissions by 80-95% by 2050, ultimately achieving carbon neutrality.

GGSNS



Working Groups originating from the SNS JU Projects are referred to as the SNS JU WGs and include:

- 6G Architecture WG
- Reliable Software Network WG
- Test, Measurement and KPIs Validation WG

6G IA WGs

This list may be updated from time to time as some groups fulfil their mandates and close, while other, new topics, may arise prompting a new group to be established. The titles of the groups will become active links as soon as the details of each group are ready for publication.

- + Vision
- + Open SNS
- + Trials
- + Pre-Standardization
- + 5G/6G for Connected and Automated Mobility
- + Spectrum
- + Security
- + WiTaR





Vision

Vision

Apply to join the

Vision

WG

- + Vision
- + Open SNS
- + Trials
- + Pre-Standardization
- + 5G/6G for Connected and Automated Mobility
- + Spectrum
- + Security
- + WiTaR

Artur Hecker Håkon Lønsethagen The 6G-IA VSC WG develops a comprehensive scientific, technological and socio-economic vision for the Smart Network and Services Joint Undertaking in general and for the upcoming next generation mobile system in particular. VSC WG maintains a high-level technology roadmap, formulating a holistic view of the future networks, systems and their typical environments. It engages the expert

-communities within the 6C IA in the running

Through its work VSC WG directly contributes to the SNS JU work programmes for the different phases. To be aware of and to be able to handle potential overlaps with national research initiatives within the EU member states, we involve a network of rapporteurs and produce a yearly report on the relevant research activities in each member state (research, validation, platforms, trials).



Brokerage Rendezvények

Online & Onsite

https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/european-partnerships-horizon-europe_en





Create a profile

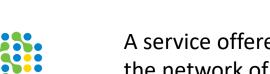


Share cooperation offers

- Project ideas
- Expertise
- Requests



Find & contact partners



A service offered by: the network of ICT National Contact Points



17 April 2024 Brussels, Belgium

AI, data and robotics 2024

me How it works Past events Contacts

ADRA, the AI, Data and Robotics Association, the European Commission, Ideal-ist, the network of National Contact Points for ICT research and the Digital Europe National Contact Points invite you to participate at an information day and a brokerage event with pre-arranged Face2Face meetings.

This event aims to inform potential applicants about the upcoming funding opportunities of the amended 2024 Horizon Europe Cluster 4 'Digital, Industry and Space' Work Programme (coming soon), the recently opened Digital Europe programme and the EIC accelerator. These events give the participants the opportunity to **network with others** in order to identify possible collaborations and business cases, to facilitate the setup of Horizon Proper and DEP project consortia and for companies to learn about the accelerations.

The rage plant in offers a unique networking opportunity for actors in the id collaborations in the artificial intelligence, data and robotics urope and Digital Europe activities. Follow us via #F2F2024

LONG TERM
NETWORKING

rer



Register now

LOCATION Brussels, Belgium

ORGANISED BY

Open until 30 September 2024



om the Euronean Commission

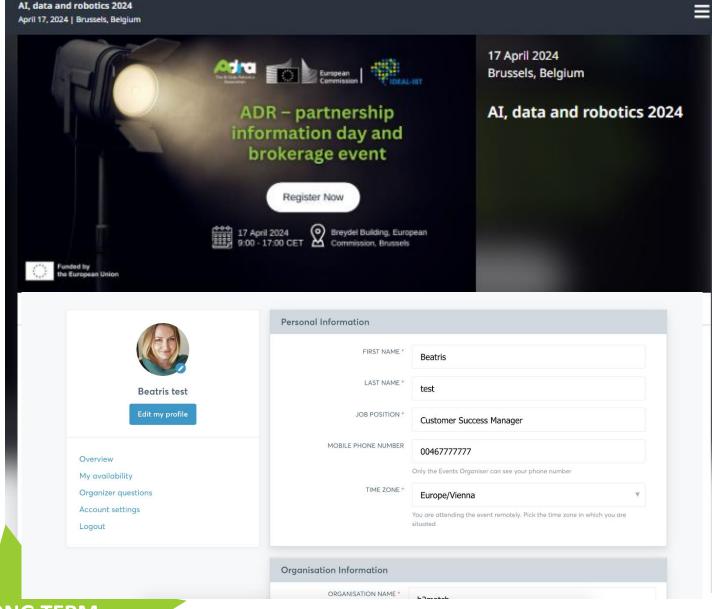
ai-data-robotics-2024.b2match.io









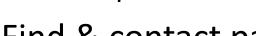




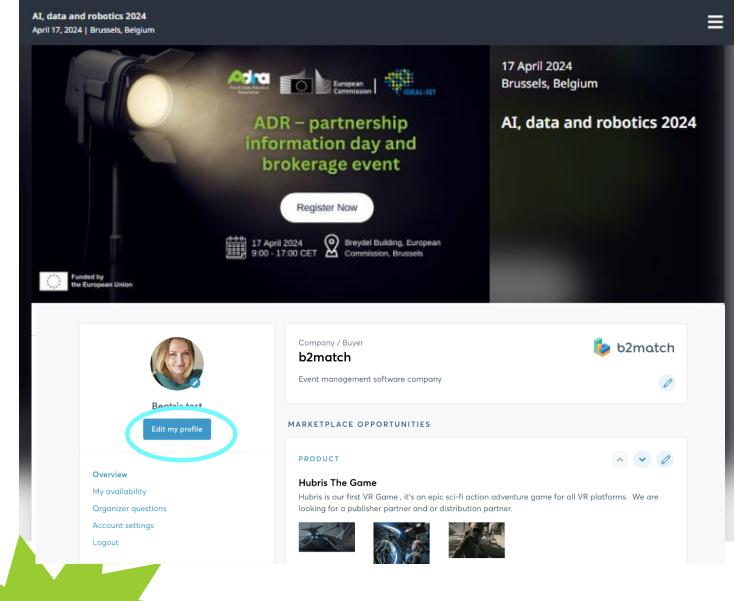
LONG TERM NETWORKING

ai-data-robotics-2024.b2match.io

- Register
- Create a profile
- Share cooperation offers
 - Project ideas
 - Expertise
 - Requests









A service offered by: the network of ICT National Contact Points LONG TERM
NETWORKING

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Create a profile



Share cooperation offers

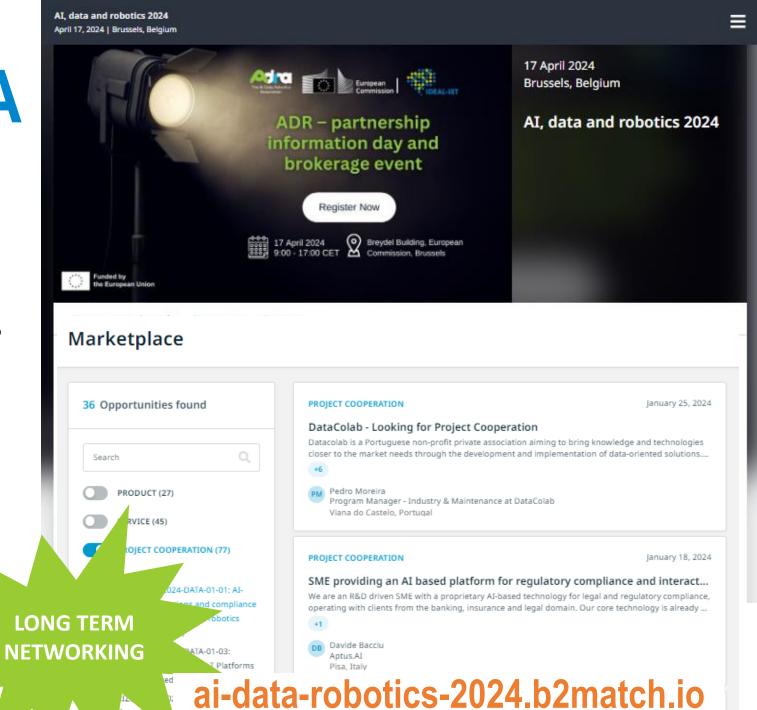
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Find & contact partners



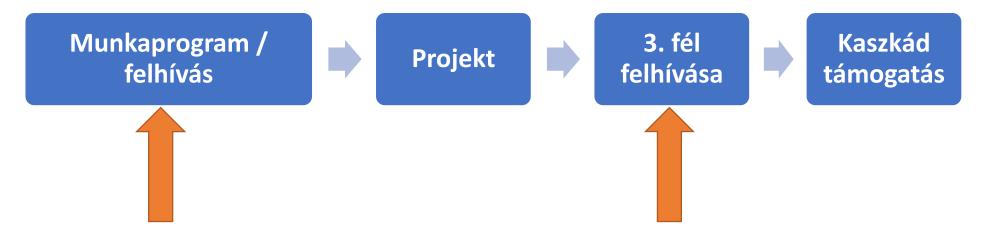
A service offered by: the network of ICT National Contact Points



Kaszkád finanszírozás



Horizon Europe finanszírozás Harmadik felek felhívásai (más néven Kaszkád támogatások)



SNS cascading calls

- <u>TARGET-X</u> addresses use cases in 4 vertical areas (Manufacturing, Energy, Automotive, Construction), development of new devices/solutions, and other topics (funding up to: 60.000 €, deadline: 6 March).
- <u>6GBRICKS</u> validate the capabilities, functionalities and performance of the 6G-BRICKS experimental facility in extended domains complementing internal Use Cases (funding up to: 60.000 € per partner/ 120.000 € per project, deadline: 29 February for feasibility, 22 March for submission).
- <u>6G XR</u> for Stream B project to complement the 6G-XR experimental platforms and research infrastructures (funding up to: 60.000 € per project, deadline: 8 April for feasibility, 8 May for submission).
- <u>6G-Sandbox</u> new infrastructures and functionalities (O1), innovative experiments (O2) (funding up to: O1: 60.000 € per partner/ 180.000 € per project, O2: 20,000€ + 10,000€, deadline: 15 February for feasibility, 29 February for submission).
- <u>Imagine B5G</u> (i) novel vertical applications and (ii) platform extensions (funding up to: 100.000/140.000 € per project, opening in March 2024).



Cloud-Edge-IoT cascading grants

- <u>NebulOuS</u> supports testing components of the NebulOuS architecture, by providing additional use cases where an IoT to Edge to Cloud infrastructure is needed (funding up to: 150.000 €, deadline: 17 April).
 - <u>Fluidos</u> offers technology extension grants (TEG) for the integration of open source functionalities to the FLUIDOS platform and use case grants (USG) to test the FLUIDOS architecture and explore new sectors (funding up to: 75.000 € (TEG) /120.000 € (USG), deadline: 29 Feb).
- NEMO supports IoT developers to extend the NEMO use cases (https://meta-os.eu/index.php/pilots/) and implement innovative IoT apps and services that use heterogeneous IoT and NEMO components to offer new services (up to 90.000 €, submission start in June 2024)



Other cascading calls

- <u>DS4SSCC-DE</u> the European Data Space for Smart Communities will open a call on 11 March for pilots for local public administrations other entities working with them (companies, academia, NGOs) addressing green deal sectors and New European Bauhaus domains (funding up to: 1.5 M€, deadline: 10 May)
- <u>S+T+ARTS</u> opened its 2024 grand prize honoring Innovation in Technology, Industry and Society stimulated by the Arts (prize: 20.000 €, deadline: 1 March).
- <u>VOXReality</u> will support the development of XR applications 200. 000 € anyagi és szakmai támogatást (funding up to: 200.000 €, publication & deadline: coming soon).
- <u>Enfield</u> project open call supports an exchange scheme for researchers to develop fundamental research in the areas of Adaptive, Green, Human-Centric, and Trustworthy AI systems (funding: 2.400 €/month mobility allowance, deadline: 31 March).
- <u>HIGHFIVE</u> supports sensors, data management and analysis in companies in the food value chain Cases (funding up to: 60.000 € per partner/ 120.000 € per project, deadline: 28 March).
- <u>AI REDGIO 5.0</u> supports 3 topics: AI at the Edge applications and edge-to-cloud continuum, Industry 5.0 and human-centric, resilient and sustainable manufacturing, and Technology Regulatory Sandboxes experiments (funding up to: 60.000 €, deadline: 1 March).
- <u>X2</u> open call for Data & A.I supports the growth of deeptech startups in cutting-edge areas including, but not limited to Generative Models, Quantum Computing in AI, Explainable AI (XAI), Machine Learning, Distributed and Federated Learning, Reinforcement Learning, Edge Computing, Natural Language Processing (NLP) and Language technologies, Computer Vision and IoT Integration (funding up to: 20.000 € + additional support, deadline: 4 March).

Other cascading calls

- <u>StandICT.eu</u> supports contributions to standardization activities (funding up to: 10.000 € + additional support, deadline: 4 March).
- <u>INDUSAC</u> supports short-term research collaborations between academia (students, researchers) and industry in solving company challenges (funding up to: 1.000 € per student/ 3.000 € per team, deadline: see cut-off dates in call)
- <u>SPADE</u> projects in the agriculture, forestry and livestock that will enhance the capabilities of drone technology and innovation use (funding up to: 60.000 €, deadline: 10 April).
- <u>ICAEROS</u> supports projects aiming to deliver and exploit drone related data sets for assessing technological and non-technical hypotheses (funding up to: 60.000 €, deadline: 7 May).
- <u>ICOS</u> supports technology providers (SME/midcap) working as service providers in the sectors of the ICOS pilot use cases (https://www.icos-project.eu/use-cases) and the projects from the 1st Open Call (up to 60.000 €, submission starts in June 2024)
- <u>COMMUNICITY</u> supports tech companies and providers, organisations, cities and their residents to develop innovative technical solutions to overcome digital, urban and social challenges (upcoming third call will open on the 10th of September 2024 and close on the 31st of October 2024)
- THCS supports the implementation of personalised prevention strategies in health and care services, also to make them person-centred and better adjusted to people's needs while supporting effective and appropriate use of existing IT and digital-based technologies supporting prevention strategies in health and care services (deadline for "Intent to apply" on the 16th of April 2024)

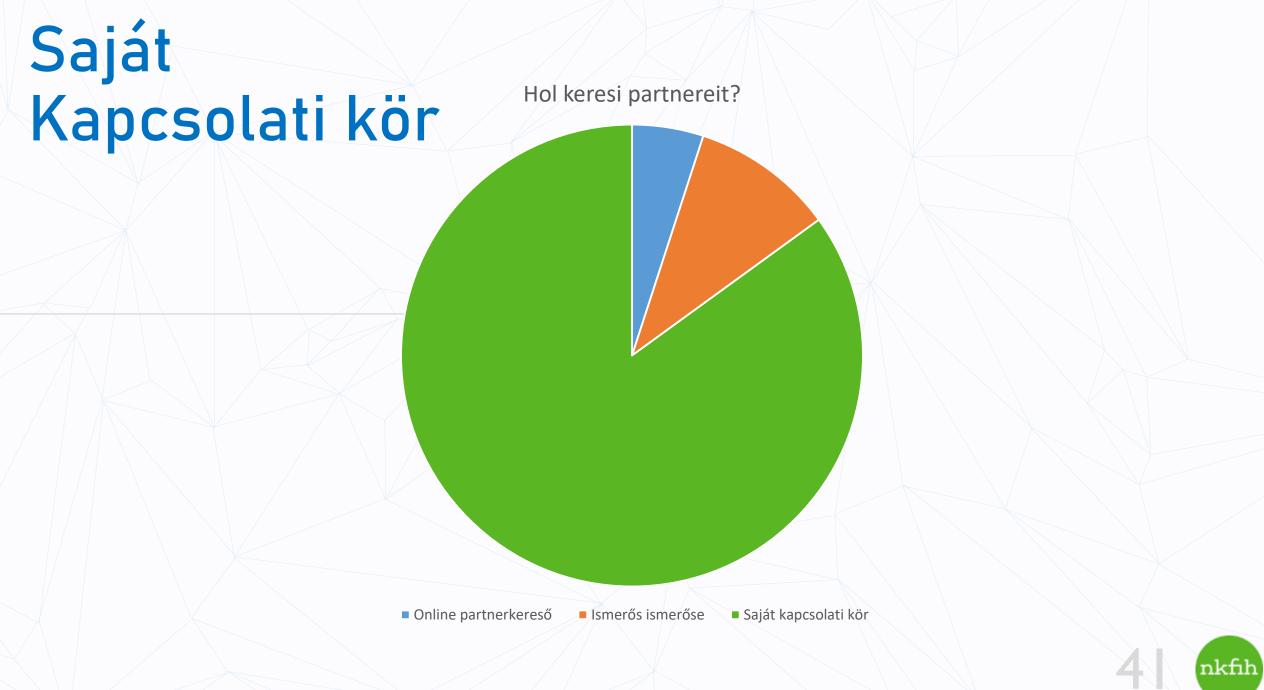
ERA-NETs

CHIST-ERA offers funding for collaborative research projects in 2 topics:

- Multidimensional Geographic Information Systems (MultiGIS) and
- Smart Contracts for Digital Transformation Ecosystems (SmartC).

Határidő: 12 April





CONNECT | DIGITIZE | TRANSFORM

Edina Nemeth

Programme Committee delegate, National Contact Point

Horizon Europe, Digital, Industry & Space (Cluster 4)
Horizon Europe, Cybersecurity (Cluster 3)
European Innovation Council – Pathfinder, Transition
(Pillar 3)

National Research, Development and Innovation Office

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Ideal-ist – the network of National Contact Points www.ideal-ist.eu

