Espai de treball i intercanvi sobre projectes europeus

Oportunitats de finançament concretes 2025 dins Horizon Europe

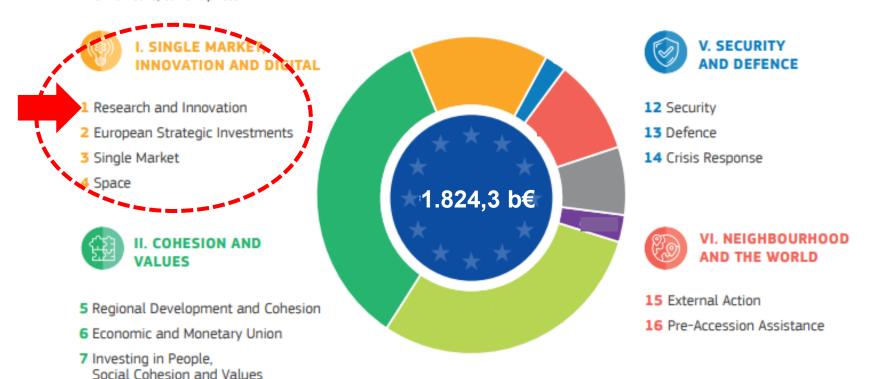




... dins el pressupost de la Unió (MFF 2021-2027)

THE NEW MULTIANNUAL FINANCIAL FRAMEWORK 2021 - 2027 A BUDGET FOR A UNION THAT PROTECTS, EMPOWERS AND DEFENDS

In billion euro, current prices





- 8 Agriculture and Maritime Policy
- 9 Environment and Climate Action



- 10 Migration
- 11 Border Management



VII. EUROPEAN PUBLIC ADMINISTRATION

17 European Public Administration



Horizon Europe: An evolution, not a revolution?



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Attention: R&I in technologies applied in the defense domain...







Ciencia Excelente Desafíos mundiales Europa Innovadora Widening+ERA Más Europa

Horizonte Europa: Programa Marco de Investigación e Innovación

¿Qué es?



Webinar "A Successful Proposal For Horizon Europe: Scientific-Technical Excellence Is Key, But Don't Forget The Other Aspects

La Comisión Europea organiza un nuevo seminario para er sobre cómo prepar Seguridad Civil para la Sociedad

S D M 5 13 14

ABRIL 2021



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Timeline 'Main' Work Programme 2025

To include all actions for the 'main' work programme 2025 (i.e. stand-alone annual work programme), except actions included in amendment to work programme 2023-2024/2025.

Indicative calendar:

- •Q2 Q3 2024: preparation of draft work programme in line with the Strategic Plan 2025-2027
- •Q4 2024: entry into office of new College and finalisation of draft work programme
- •Q1 2025: procedural steps towards adoption of work programme, including formal consultation of Programme Committee configurations
- •Late Q1/early Q2 2025: adoption of 'main' work programme 2025 → Early April-2025



Before starting...

Remider of the current types of projects & funding instruments in Horizon Europe





Types of actions... the usual supects!

- □ Research and innovation action (RIA) → Activities aiming primarily to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. This may include basic and applied research, technology development and integration, testing, demonstration and validation on a small-scale prototype in a laboratory or simulated environment.
- □ Innovation action (IA) → Activities directly aimed at producing plans and arrangements or designs for new, altered or improved products, processes or services, possibly including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.
- □ Coordination and support action (CSA) → Activities contributing to the objectives of the Horizon Europe programme, excluding research and innovation activities.



Research and Innovation Action (RIA)

 □ Objetivo: Desarrollar nuevos conocimientos o bien explorar la viabilidad de una nueva tecnología, servicio o solución.

Puede incluir investigación fundamental y aplicada, Desarrollo tecnológico e integración, testeo y validación de un prototipo a pequeña escala en laboratorio o entorno simulado.

- ☐ Financiación: Hasta el 100% de los costes elegibles.
- ☐ Criterios de eligibilidad: Mínimo 3 entidades legales independientes con sede en 3 Estados Miembros diferentes o Estados Asociados, de los cuales, al menos 1 es de un Estado Miembro.





Innovation Action (IA)

□ **Objetivo:** Diseño de nuevos productos, procesos y/o mejora de servicios.

Puede incluir prototipage, testeo, demostraciones, pilotos, validación y replicación a gran escala cerca de mercado.

□ Financiación: Hasta el 70% de costs elegibles para entidades con ánimo de lucro (empresas) y hasta el 100% para entidades sin ánimo de lucro (universidades, centros de investigación, asociaciones, ...).

☐ Criterios de eligibilidad:
Mínimo 3 entidades legales
independientes con sede en
3 Estados Miembros diferentes
o Estados Asociados, de los cuales,
al menos 1 es de un Estado Miembro

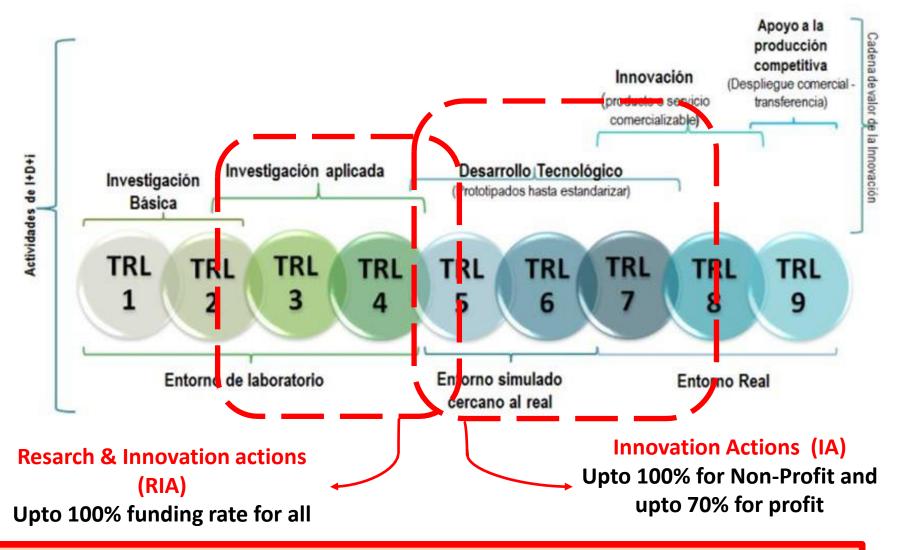
Coordination and Support Action (CSA)

- □ Consiste en: Medidas de acompañamiento como normalización, diseminación / divulgación y comunicación, networkig, servicios de apoyo, diálogos sobre políticas, ejercicios y estudios de training e intercambio de buenas prácticas, actividades complementarias como planificación estratégica, coordinación de redes, ...
- ☐ Financiación: Hasta el 100% de los costs elegibles.
- □ Criterios de eligibilidad:

Mínimo 1 entidad legal con sede un Estado Miembro.



...and regarding their TRL



ATTENTION: In all these schemes, and for all sort of partners in your consortium, you will get

25% additional INDIRECT COSTS



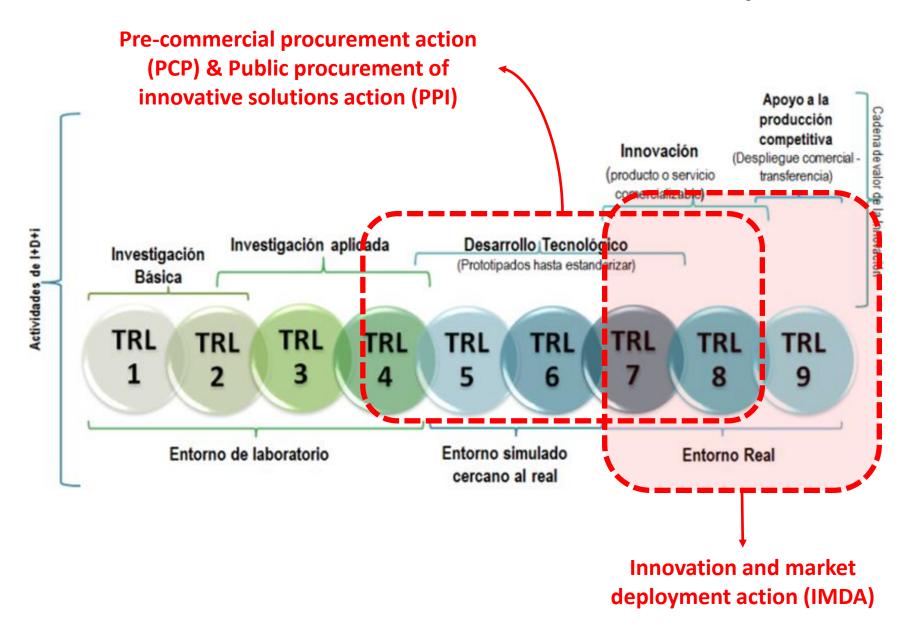
Only, but also...

- □ Programme co-fund action (CoFund) → They may support networking and coordination, research, innovation, pilot actions, and innovation and market deployment actions, training and mobility actions, awareness raising and communication, dissemination and exploitation, any relevant financial support, such as grants, prizes, procurement, as well as Horizon Europe blended finance or a combination thereof.
- ☐ Innovation and market deployment action (IMDA) → Activities embedding an innovation action and other activities necessary to deploy an innovation in the market, including the scaling-up of companies, providing Horizon Europe blended finance (a mix of grant-type)

funding and private finance). → EIC actions!!!!

- □ Training and mobility action (TMA) → Activities geared towards the improvement of skills, knowledge and career prospects of researchers based on mobility between countries, and, if relevant, between sectors or disciplines.
- □ Pre-commercial procurement action (PCP) & Public procurement of innovative solutions action (PPI) → Pra entidades (públicas) con capacidad de licitación para comprar tecnologías, servicios y productos innovadores que NO se encuentran comercialmente en el mercado.

Only, but also...





Who can participate in these collaborative projects?

ANY organisation (PUBLIC or PRIVATE) can participate as a partner or coordinator, receiving upto 100% funding → Minimum conditions:

ATTENTION: For RIAs & IAs, MINIMUM in the CONSORTIUM are 3 partners from <u>3 MMSS or Associated Countries</u> (out of them, AT LEAST 1 comes from a MMSS)



Morocco.... AND UK, Canada & New Zealand!!!!!! → upcoming Korea & Egypt

Turkey Ukraine



https://ec.europa.eu/info/fundingtenders/opportunities/docs/2021-2027/common/guidance/list-3rdcountry-participation horizon-

euratom_en.pdf

List of Participating Countries in Horizon Europe

EU Grants: List of participating countries (HE): V3.1 - 11.07.2024

Third countries associated to Horizon Europe

Association to Horizon Europe is governed by the Horizon Europe Regulation 2021/695¹. Legal entities from associated countries can participate under equivalent conditions as legal entities from the EU Member States, unless specific limitations or conditions are laid down in the work programme and/or call/topic text. Such measures could include the limitation of participation in certain actions to legal entities established in the EU alone, or in the EU and specified non-EU countries, in order to safeguard the EU's strategic assets, interests, autonomy or security. Limitations or conditions may also be attached to the participation of legal entities established in an eligible country but which are controlled directly or indirectly by an ineligible country². The eligibility will be clearly defined in the work programme. There could also be criteria on the place of establishment of the legal entity to take into account specific policy requirements or the nature and objectives of the action³.

All sixteen non-EU countries associated to the previous programme, Horizon 2020, have also expressed interest to become associated to Horizon Europe. Other third countries have also expressed an interest in association.

he association agreements with the following countries have now started to produce gal effects (either through provisional application or their entry into force) (listed in phabetical order):

- Albania
- 2. Armenia
- Bosnia and Herzegovina
- Canada (associated to Pillar II 'Global Challenges and European Industrial Competitiveness', including for the institutionalised European partnerships, and for award procedures implementing Union budget for the year 2024 and onwards)
- Faroe Islands
- Georgia
- Iceland
- 8. Israel
- 9. Kosovo⁴
- 10. Moldova
- Montenegro
- New Zealand (associated to Pillar II 'Global Challenges and European Industrial Competitiveness' as from the Work Programmes 2023 onwards, including for the institutionalised European partnerships)
- 13. North Macedonia

- Based on Horizon Europe Regulation article 22(5).
- Based on Horizon Europe Regulation article 22(6).

- 14. Norway
- 15. Serbia
- 16. Tunisia
- 17. Türkiye
- 18. Ukraine
- 19. United Kingdom (associated to the entire Programme, with the only exception of the EIC fund⁵, for award procedures implementing Union budget for the year 2024 and onwards⁶)

EU Grants: List of participating countries (HE): V3.1 – 11.07.2024

Until association agreements start producing legal effects either through provisional application or their entry into force, transitional arrangements may apply if provided for in the particular Horizon Europe Work Programme. The transitional arrangements apply with regard to the following countries and legal entities established in these countries, with which association negotiations are being processed or where association is imminent (*listed in the alphabetical order*):

- 1. Morocco (applicable for the entire Programme)
- Switzerland (applicable to calls under the ERC Work Programme 2024 with opening date after 18 March 2024, and to Starting, Synergy and Consolidator Grant calls under the ERC Work Programme 2025; with regard to other parts of Horizon Europe, legal entities established in Switzerland are currently not covered by the transitional arrangement).

Liechtenstein does not intend to associate to Horizon Europe.

This list will be updated to reflect the status of the negotiations for association.

Third countries associated to Euratom Research and Training Programme

For the Euratom Research and Training Programme (Council Regulation (Euratom) 2021/765), the association agreement with Ukraine has now started to produce legal effects.

Other third countries

Most Horizon Europe calls are also open to participants from non-associated countries and international organisations, unless specific limitations or conditions are laid down in the work programme and/or the call/topic text, such as those highlighted for associated countries above.

Moreover, some Horizon Europe calls are particularly relevant for international cooperation, encouraging or even requiring the participation of legal entities from non-associated non-EU countries in the funded actions.

Participants from non-associated non-EU countries can take part in Horizon Europe actions — but not always with funding.

Regulation (EU) 2021/695 of the European Parliament and of the Council of 28 April 2021 establishing Horizon Europe – the Framework Programme for Research and Innovation, laying down its rules for participation and dissemination, and repealing Regulations (EU) No 1290/2013 and (EU) No 1291/2013 (O) 12.5.2021 L 170/1).

This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.

The UK will participate in all parts of the Horizon Europe programme with the only exception of the EIC Fund (which is part of the EIC Accelerator of Horizon Europe that provides investment through equity or other repayable form).

The transitional arrangements continue to apply to grant award procedures implementing Union budgets 2021 to 2023. However, no Horizon Europe grants will be signed with entities established in the UK for the budgetary appropriations for years 2023 or earlier (even if the grant agreement is signed in 2024 or later), save for exceptional circumstances clearly defined by the work programmes and rules of the Programme (e.g. based on being essential for implementing the action).

It's official: UK to associate to Horizon Europe

07 Sep 2023 | News

After multiple false dawns, London and Brussels have finally agreed a deal to allow the UK to rejoin. The UK will also join the Copernicus space programme, but is out of Euratom and the ITER fusion project

By David Matthews



European Commission President Ursula von der Leyen with UK Prime Minister Rishi Sunak. Photo: Simon Walker / No 10 Downing Street

In more detail



Association to **Copernicus** will enable the UK's contribution to a strategically important space programme with a state-of-the art capacity to monitor the Earth and to access its services. Copernicus makes an essential contribution in reaching our European Green Deal and net-zero objectives.

The UK will also have access to services from the EU Space Surveillance and Tracking, a component of the EU Space Programme.

Check this <u>link</u> for details!

Up to now, they have been forced to rely on UK equivalent grants and funding instead of being seamlessly integrated into Horizon Europe.

While UK academics have still been able to join consortia under the industrially-focused Pillar 2 of the programme – the biggest part by value – uncertainty about the future meant that UK participation in the programme halved, raising fears that UK scientists were being forced out of European academic networks built up over decades.

UK-based ERC grant winners have faced an agonising choice over whether to move to the EU to keep their awards, or stay and settle for a UK equivalent scheme.



Republic of Korea to join Horizon Europe programme

Korea will join the growing group of countries associated to Horizon Europe, the EU research and innovation programme.

Today, Iliana Ivanova, Commissioner for Innovation, Research, Culture, Education and Youth, and Lee Jong Ho, Korean Minister for Science and Information and Communication Technology concluded negotiations on Korea's association, marking a significant milestone in our commitment to foster mutual collaboration in research and innovation.

The signing of the Association Agreement is expected to take place in the second half of 2024, pending the completion of all necessary ratification procedures on both sides. This will enable Korea's participation in Horizon Europe as of 2025.

Once signed, researchers and organisations in Korea will be able to receive funding under Pillar II of the Horizon from 2025 onwards. Pillar II is the largest collaborative part of the programme, which is primarily focused on shared global challenges: climate, energy, digital economy, and health, with a budget of €53.5 billion.

The association to Horizon Europe is a key instrument of <u>Europe's global approach to cooperation in research and innovation</u> in an increasingly changing and volatile world. It reconfirms the EU commitment to driving excellence, pooling resources for faster scientific progress, developing vibrant innovation ecosystems and promoting global openness that is also strategic and reciprocal.

A tener en cuenta en los consorcios...

- ☐ Partners con masa crítica
- ☐ Roles & funciones **complementarias**
- ☐ Evitar **dupliaciones** y jutificar muy bien en caso de haber **superposiciones** de tareas
- □ Partners NO necesariamente experimentados en programas EU... pero sí con disponibilidad y dedicación!
- □Core partners reputados en su sector → Incluir PYMES, asociaciones de ciudadanos, de consumidores, ONGs, USUATIOS finales, administración local/regional...



Anem a cada cluster...





Cluster-2 "Culture, Creativity and Inclusive Society"





Specific Impact for Society, Culture & Creativity Cluster...

Specific Impacts of Cluster-2:

- [...] focus on challenges pertaining to **democratic governance**, **cultural heritage and the creative economy**, social and economic transformations. [...]
- [...] will enable decision makers to meet challenges, adopt new paradigms, and policies for change in a context of **fast-paced transformations**, **transitions** and international interconnectedness. [...]



Estructura del Cluster-2

 Destination 1 – Destination 1 –
 Innovative Research on Democracy and Governance

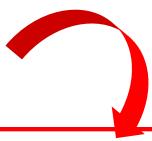
 Destination 2 – Innovative Research on the European Cultural Heritage and the Cultural and Creative Industries

 Destination 3 – Innovative Research on Social and Economic Transformations





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HORIZON-CL2-2025-01-DEMOCRACY-04: Preparing the EU for future enlargement:	
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HORIZON-CL2-2025-01-DEMOCRACY-05: The EU's foreign policy and (open) strategic	3
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Proposals should involve a diverse array of stakeholders, including representatives from trade unions, civil society organisations, social welfare bodies, and (local) government representatives.













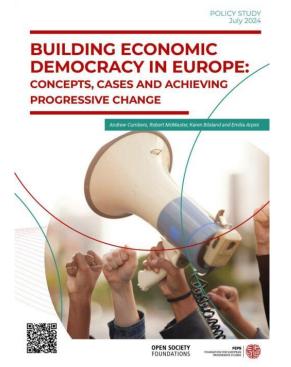






HORIZON-CL2-2025-01-DEMOCRACY-10: Economic inequalities and their impact on democracy

Call: Culture, Creativity and Inclusive Society' - 2025		
Specific conditions		
Expected EU contribution per project	The Commission estimates that an EU contribution of between EUR 3.00 and 3.50 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.	
Indicative budget	The total indicative budget for the topic is EUR 10.50 million.	
Type of Action	Research and Innovation Actions	





Ejemplo de topic...

Key research question revolves around the intersection and impact of income and wealth inequalities on democratic principles. This involves exploring:

- The impact of inequality on the policy preferences of different social groups, including the impact on abstention from democratic processes, political polarisation, and trust in democratic institutions and processes.
- How perceived economic inequalities (in contrast to economic inequalities measured by quantitative indicators) influence public support and trust in democracy.
- How economic inequalities intersect with other inequalities, notably those based on social class, racial or ethnic backgrounds, gender, and disability, and their impact on democracies.
- Strategies to address varying levels of civic engagement among people and communities from different income brackets and levels of wealth

Proposals should also generate knowledge on intergenerational transfers, that is, inheritances and inter-vivos gifts, (perceived) inequalities, and their impact on democracy: how do these intergenerational transfers influence wealth inequality, and thus, in line with the main subject of this call, how do these impact democracy, for instance in terms of participation or trust in institutions?

While the main focus has to be on economic inequalities, proposals should also consider at least three additional intersecting dimensions of inequalities alongside economic ones, such as gender, disability, social class, religion, age, and racial or ethnic backgrounds.

Proposals are encouraged to involve diverse disciplinary perspectives, including but not limited to economics, political economy, political science, history, (political) sociology, (social) psychology, gender studies, and public policy. Approaches that combine social science theories with data science techniques or incorporate novel mixed methodologies are encouraged.



EQUITY, DIVERSITY AND INCLUSION

What is UNESCO's list of intangible cultural heritage? And what's on it?



https://ich.unesco.org/dive/threat/?language=en





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heritage for societal resilience
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HORIZON-CL2-2025-01-HERITAGE-05: Evolution of culture in virtual worlds
HORIZON-CL2-2025-01-HERITAGE-06: Europe as a global powerhouse of design for
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HORIZON-CL2-2025-01-HERITAGE-07: Cultural tourism for sustainable growth,
wellbeing and job creation
HORIZON-CL2-2025-01-HERITAGE-08: innovative technologies and methods to
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HORIZON-CL2-2025-01-HERITAGE-09: Cultural Strategies for Peace: culture and
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HORIZON-CL2-2025-01-HERITAGE-10: Bridging historical past and future potential by
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DRAFT

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HORIZON-CL2-2025-01-TRANSFO-02: Historical and geographical analysis of industrial
transitions and its role for ensuring a fair green transition
HORIZON-CL2-2025-01-TRANSFO-03: Working time reduction: barriers, challenges,
benefits and policy implications
HORIZON-CL2-2025-01-TRANSFO-04: Gender differences in career trajectories of
parents and their implications for gender equality and family well-being
HORIZON-CL2-2025-01-TRANSFO-05: Improving fairness in the economy through a
better understanding of undeclared and underdeclared work
HORIZON-CL2-2025-01-TRANSFO-06: Improving the capacity to generate and use
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resilience and enhancing sustainability

Competition Work Social Norms
Competition Work Cooperation
Blurring of Boundaries Work 4.0 Cooperation
Power Actors
Sustainability Taylorism
Interaction
Consumption
Consumption
Cooperation
Work 4.0 Cooperation
Work 4.0





HORIZON-CL2-2025-01-TRANSFO-07: Impact of the learning environment and the use of digital tools in everyday life on key skills and competence development

Call: Culture, Creativity and Inclusive Society' - 2025		
Specific conditions		
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 3.40 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.	
Indicative budget	The total indicative budget for the topic is EUR 10.20 million.	
Type of Action	Research and Innovation Actions	





Scope: Digital devices and tools are an integral part in the lives of children and teenagers as they are growing. There is discussion about the impact of the use of digital tools in everyday life on children's wellbeing and development, but the evidence is often limited, with a lack of robust empirical analysis and data. ⁵² Proposals should investigate the impact that the expansion and normalisation of children's using digital technologies (including AI) in everyday life has on their learning (building key skills and competences) at a time in their lives when literacy and numeracy skills are developing, and as they move into adolescence. Proposals may select different target groups. In this context, proposals should also investigate how the learning environment⁵³ can support learning and identify effective interventions to support children's key skills and competences, as well as their social, emotional and academic needs. While educational institutions cannot act in isolation, students spend thousands of hours within buildings, and the same holds for teachers and school leaders. Sustainable Development Goal (4.a.) emphasises the importance of physical learning environment in education facilities. ⁵⁴ Most school buildings are not equipped to face the demand for new competencies and pedagogies. ⁵⁵ Proposals should investigate the impact of learning

environments on education outcomes and how its design responds to changes in teaching and learning. Proposals are encouraged to use mixed methods approaches, including experimental approaches to test the effectiveness of specific interventions. Proposals should deepen interand transdisciplinary research in education, involving perspectives from cognition science, psychology, or neuroscience, with the aim to improve learning and educational settings. Proposals should include the voice of children and young people and other relevant stakeholders as part of the data collection.

PARTNER MEETINGS

Tourism stakeholder event

The European Commission's Directorate-General for Internal Market, Industry, Entrepreneurship & SMEs (DG GROW) is organising a stakeholder event on tourism. This will be a hybrid event, taking place in Brussels and online.

Our next stakeholder event aims to share recent policy developments in the tourism sector at EU level. Inspiring examples of stakeholder pledges submitted under the Transition Pathway for Tourism will be presented. In addition, there will be the opportunity to network and engage with fellow stakeholders.

Join us to find out more about the <u>new law on green claims</u> and how it will affect the tourism industry, and get the latest updates about the <u>Tourism Data Space</u>. You will also have the chance to learn about EU support for cultural heritage, and discover the new Tourism Stakeholder Support Platform first-hand.

See our agenda for more info .

Register here



/publication/404a8144-8892-11ec-8c40-01aa75ed71a1

)iputació

arcelona

Cluster-5 "Climate, Energy and Mobility"



Specific Impact for Cluster-5...

Specific Impacts of Cluster-5:

[...] Actions will **support the implementation of the Paris Agreement**, the European **Green Deal** (greater ambition for 2030 requires faster technological development and accelerated economic and societal transformation); [...]

Achieving deep decarbonisation of the energy and transport sectors and decoupling their environmental impacts from economic growth is crucial. [...]





Estructura del Cluster-5...

- Destination 1 Climate Sciences and Responses (CSR)
- Destination 2 Cross-sectoral solutions for the climate transition
- Destination 3 Sustainable, secure and competitive energy supply -2021-2024
- Destination 4 Efficient, sustainable and inclusive energy use
- Destination 5 Clean and competitive solutions for all transport modes
- Destination 6 Safe Resilient Transport and Smart Mobility services for passengers and goods





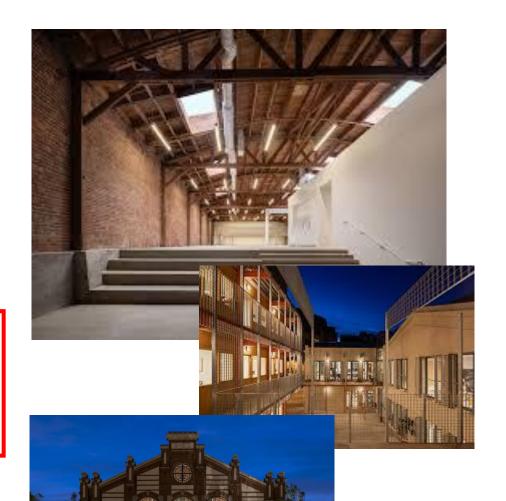
Open 17/09/2024 Deadline 21/01/2025

Topics oberts ara!!!

HORIZON-CL5-2024-D4-02-04: Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership)

Specific conditions		
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 4.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.	
Indicative budget	The total indicative budget for the topic is EUR 8.00 million.	
Type of Action	Research and Innovation Actions	

- Validation of the solutions in a relevant environment (real-life or close to real-life) that:
 - Covers residential and non-residential projects, half of which at least should be renovation projects.
 - o Covers at least two different countries, with diverse climatic conditions.
 - o Involves local and regional values chains, in particular SMEs, based on participatory approaches to increase innovation buy-in from users.
 - Results in clear and, where relevant, quantified and measurable indicators on the improvements due to the use of the solutions.





<u>Scope</u>: Based on the integration of innovative tools, products and techniques, to enable construction and renovation that embeds the principle of extending the service life of buildings, and facilitate adaptability to changing user needs (e.g. for optimal use of indoor space or to improve working and living conditions), reuse, and deconstruction, in a life-cycle optimisation and circular economy perspective.

Proposals are expected to address all of the following:

- Validate construction and renovation solutions based on the integration of innovative tools, products, techniques, processes and methods, that facilitate deconstruction and reuse, based on life-cycle approaches across the value chain.
- Ensure the solutions validated:
 - Consider the adaptability and reversibility of buildings and building units to changing uses, and to other relevant factors (e.g. evolution of surroundings).
 - Improve the ease of reuse of construction elements and products from existing buildings, also facilitating recycling when reuse is not possible.
 - o Develop building elements and products that can be disassembled and reused, including those made from CO2-storing materials such as sustainably sourced long-lived bio-based materials and products and, innovative lower emission materials /aggregates.
 - Address all components of buildings, including structural elements, envelopes, interior fixtures and fittings, and technical building systems.
 - Are rooted in local and regional value chains, based on participative approaches for social acceptability of innovation, in particular with regard to the workforce's practices and skills.
 - Can flexibly adapt to local / regional sourcing of innovative products and materials to increase replication.
 - o Address climate change mitigation, minimising emissions.

Open 17/09/2024 Deadline 21/01/2025

Topics oberts ara!!!



HORIZON-CL5-2024-D4-02-05: Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)

Specific conditions		
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 5.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.	
Indicative budget	The total indicative budget for the topic is EUR 10.00 million.	
Type of Action	Innovation Actions	



Open 17/09/2024 Deadline 21/01/2025

Topics oberts ara!!!

Scope: The transition to a climate-neutral society requires that Europe's building stock also becomes climate-neutral. At the same time, Europe's building stock has to become climate resilient. This requires a comprehensive approach beyond individual buildings, namely at the level of neighbourhoods or urban districts. However, the decarbonisation of the built environment and its adaptation to a changing climate and to societal needs in terms of comfort, accessibility, inclusiveness, and aesthetics cannot happen without active participation of the buildings' users and occupants, individual / collective property owners, and energy communities as beneficiaries of the value chain. Professionals, such as project developers, architects, engineers, building owners, planners and statutory authorities, require solutions that develop, analyse, model, visualise and present a multitude and complex set of information in such a way that facilitates such co-design processes. This topic focuses on the development of digital solutions for a stronger participation of end users, citizens and other relevant stakeholders in the design, planning and management of the renovation of existing buildings, neighbourhoods and / or districts.

Proposals are expected to address one or both of the following points:

- Digital solutions that facilitate participative design and planning through visualisation, analysis and engagement with data that is directly relevant to building users as well as citizens in the surrounding urban area (including e.g. immersive and interactive technologies, Virtual Reality / Augmented Reality, simulations and scenario modelling).
- Digital solutions that allow to analyse and model different scenarios for to-be-renovated buildings, neighbourhoods and / or districts in terms of energy use and generation; users' health and wellbeing; impact on the energy grid; provisions for active and electric mobility, and sustainable delivery solutions; life-cycle environmental and micro-climatic impacts, and; socio-economic impacts for citizens, building users, owners and occupiers.



HORIZON-CL5-2024-D4-02-05: Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)

Specific conditions		
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 5.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.	
Indicative budget	The total indicative budget for the topic is EUR 10.00 million.	
Type of Action	Innovation Actions	



Open 17/09/2024 Deadline 21/01/2025

Topics oberts ara!!!

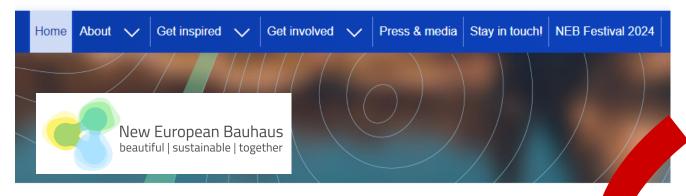
In addition, proposals are expected to address all of the following:

- Address aspects of climate-neutrality and climate-resilience, respecting the 'energy efficiency first' principle.
- Ensure the digital solution complements, builds on and/or uses existing tools (including, where relevant, on conventional, low-tech ones) and standards recognised by the market.
- Engage citizens (seeking coverage of different genders and social characteristics), end
 users of the tools and other relevant stakeholders involved in the design, planning and
 management of urban development projects in the development process of the digital
 solution.
- Ensure the digital solution offers different means to exchange information and provide input that are tailored to the specific needs of laypersons, including vulnerable, minority and disadvantaged groups as well as persons with disabilities and older persons.





New European Bauhaus



beautiful | sustainable | together

The **New European Bauhaus (NEB)** is an EU policy and funding initiative launched by the European Commission in 2021 that fosters sustainable solutions for transforming the built environment and lifestyles under the green transition.

It is looking for solutions that are not only **sustainable**, but also **inclusive** and **beautiful**, while respecting the diversity of places, traditions, and cultures in Europe and beyond.

The New European Bauhaus works by:

- engaging people at a grassroots level, focusing on neighbourhoods
- providing tools and guidance
- offering tailor-made solutions for different communities
- · incorporating the views of various stakeholders into the process of design and implementation
- prioritising people and social inclusion but also the economy to boost competitiveness and EU strategic autonomy

https://new-european-bauhaus.europa.eu/index_en

Dashboard

The dashboard is a dynamic interactive map showing information on New European Bauhaus (NEB) projects and key actors across Europe and beyond. The map evolves as the NEB community continues to grow.



What can I find on the dashboard?

The New European Bauhaus is about supporting those who make change happen through their work and about encouraging others to bring their ideas to life. On the dashboard you can see many entities and projects of the NEB community:

- · NEB projects benefiting from EU funds
- · Projects and ideas that have won NEB prizes
- · NEB partners and friends
- · NEB high-level roundtable members

Architectural Masterpieces in the Cinquantenaire Park

The Portable City







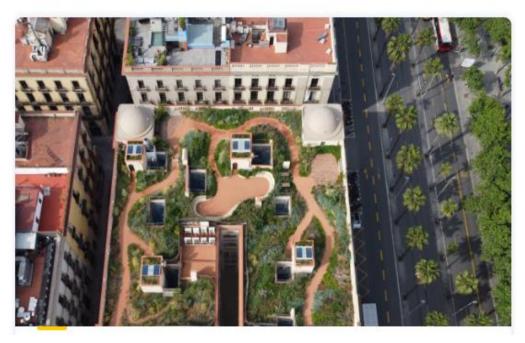
The Caterpillar

The Bamboo Trilix Pavilion

PROJECT

Xifré's Rooftop: Floating Wild Garden

When a heritage building rooftop renovation meets biodiversity, social interaction & self-sufficiency, a project like Xifré's Rooftop: Floating Wild Garden is born.



Reference Prizes 2021, Award Winner

Project locations Barcelona, Spain





Sign up as an SSH Expert for Horizon Europe Cluster 5 calls!



© European Union, 2024

Are you interested in the societal dimension of technological developments applied to Climate, Energy and/or Mobility fields? Or in bringing more of society into research and innovation?

Are you keen on contributing to improving the responsiveness to societal needs and concerns as regards R&I processes in these fields?

If you said yes to those questions and you have the appropriate expertise, then become an evaluator for the Horizon Europe programme!

The European Commission is currently looking for excellent, well-informed academic minds coming from the <u>Social Sciences and Humanities (SSH) research community</u> to help evaluate project ideas submitted to calls open in 2025 under <u>Horizon Europe</u> (the current EU Framework Programme for Research and Innovation 2021-2027) applied to the field of Climate, Energy and Mobility in particular.

https://cinea.ec.europa.eu/index_en

European Climate, Infrastructure and Environment Executive Agency



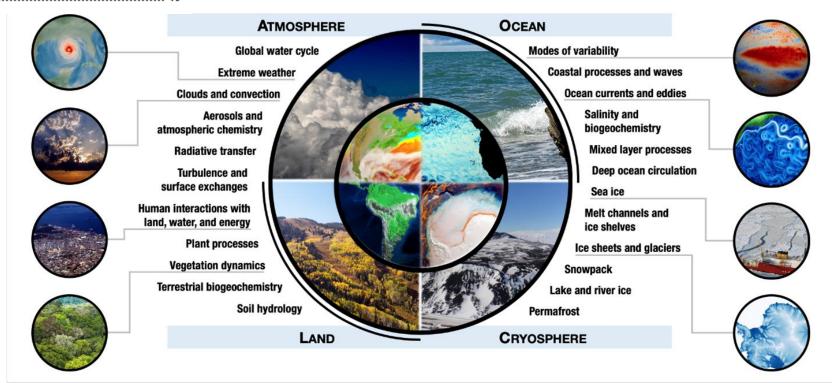
SSH researchers with interests and expertise related to the societal dimension of technological developments will be chosen to review topics dealing with e.g., ethical, cultural, governance or sociological aspects of climate change, energy demand and use, or transport and mobility issues.

https://cinea.ec.europa.eu/newsevents/news/sign-ssh-expert-horizon-europecluster-5-calls-2024-09-13_en



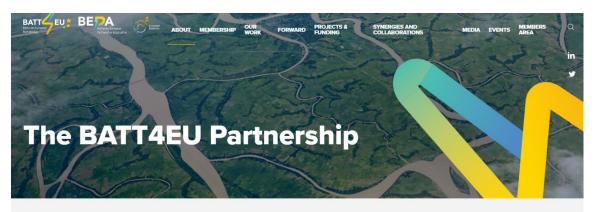
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WHAT IS BATT4EU

BATT4EU is a Co-programmed Partnership established under Horizon Europe.

https://bepassociation.eu/abou t/batt4eu-partnership/ 28 - 28 NOVEMBER 2024

Technology Brokerage Event

ORGANISED BY BEPA



On 28 November 2024 BEPA is organising a brokerage event open to all battery innovators.





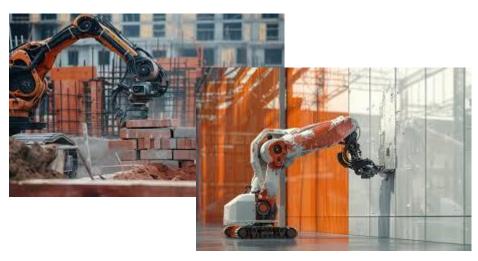
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Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of around million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR
Type of Action	Research and Innovation Actions
Technology Readiness Level	Activities are expected to achieve TRL 4-5 by the end of the project – see General Annex B. Activities may start at any TRL.
Legal and financial set-up of the Grant Agreements	The rules are described in General Annex G. The following exceptions apply: Eligible costs will take the form of a lump sum as defined in the Decision of 7 July 2021 authorising the use of lump sum contributions under the Horizon Europe Programme – the Framework Programme for Research and Innovation (2021-2027) – and in actions under the Research and Training Programme of the European Atomic Energy Community (2021-2025). 113.

Proposals are expected to address all of the following:

- Test and validate the use of on-site innovative robotic and automated solutions and techniques both for construction of buildings and for renovation of which at least one must investigate 3D printing:
- · Apply a research methodology which allows for a robust comparison, of at least the three expected outcomes of the proposed innovative solutions and techniques with current best practices:
- Investigate aspects of worker safety and on-site human-robot collaboration related to the future application of the proposed solutions and techniques.

Test and validate at least three prototype solutions and techniques to investigate their applicability for a variety of building typologies representative of the European building stock. The prototypes should be validated in a lab or another relevant environment. Testing and validation must address solutions for both renovation and construction. The prototypes should be applicable either to renovation, or to construction, or to both, but both renovation and construction need to be addressed in a proposal. MI Dai Celond

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Topic examples...

CCAM Partnership at midterm of Horizon Europe

ieptember 24, 2024



On 19 September 2024, the European Commission presented the second <u>Biennial Monitoring Report (BMR) 2024 on Partnerships in Horizon Europe</u>. The CCAM Partnership is now halfway through its journey, and the CCAM Association Board Members took the opportunity to reflect on the progress made so far and how to envision a promising future for CCAM technologies in Europe.

Through <u>six short videos</u>, you will (re)discover our mission, the benefits for the members, achievements, and vision. Each video will give you a closer look at how the CCAM Partnership is shaping the future of road transport with cutting-edge CCAM technologies.

The six videos are also compiled into a <u>full-length, watchable version</u> on our YouTube channel.





ALICE Logistics Innovation Summit 2024

November 6, 2024



The ALICE Logistics Innovation Summit 2024 is now open for registration.

It will take place from 6 to 7 November 2024 at the Tangla Hotel in Brussels. The Summit will bring together industry leaders, policymakers, researchers, and innovators to explore the key challenges and opportunities in the logistics sector.

The 2-day event will cover

- Key insights into the green and digital transformation of logistics
- Panels on sustainability, decarbonisation, and collaborative innovation
- Networking opportunities including high-level decision-makers
- Cutting-edge innovations in the exhibition area

Clean energy and mobility R&I: Shaping the future





Since the adoption of the European Green Deal in late 2019, EU climate policy has undergone a major shift in the span of five years. The target is clear—climate neutrality by 2050. The steps needed to achieve this target are also relatively clear despite their complexity. However, the context in which the EU operates is rapidly changing. EU research and innovation (R&I) policy must, therefore, adapt quickly.

The reflection paper 'Addressing European Research and Innovation Challenges for System Transitions in Energy and Mobility' provides a vision, recommendations, and actions for how EU R&I policy in the areas of clean energy and mobility should adapt to the challenges the EU now faces. This event will explore the paper's suggestions and consider how best to translate them from lofty ambitions to real actions.

This online event brings together experts to discuss research and innovation challenges and future priorities in clean energy and mobility.

DG Research and Innovation (DG R&I) Deputy Director-General **Joanna Drake** will open the event. One of the co-authors, **Pierpaolo Cazzola** (Co-Director, ITS-Davis European Transport and Energy Research Centre, University of California, Davis) will present the report. This will be followed by a panel discussion, moderated by DG R&I 'Clean Planet' Director **Rosalinde van der Vlies**. Four high-level speakers will provide their views and thoughts on the paper and present their thoughts on the challenges and possible future priorities for R&I in clean energy and mobility.



About

MOBILITYWEEK

MOBILITYACTIONS

MOBILITYAWARDS

News & Media

Shared Public Space

In 2024, EUROPEAN**MOBILITY**WEEK is all about *'Shared public space'*.

Shared public space brings many benefits to society. A place where people, transport modes and activities all have their own space is a place with more social equity, more road safety, less noise and air pollution, and a better quality of life.

Learn more about this year's theme



Latest registrations

- **Table 1** Bergama, İzmir
- Akhisar, Manisa
- Fukuyama
- G Harmancık, Bursa
- ±≣ Skidra
- Slovenj Gradec
- **T** Uşak Belediyesi
- Kočevje
- Vendas Novas

See all participants »

EUROPEAN**MOBILITY**WEEK

Registrations are officially open for this year's EUROPEANMOBILITYWEEK!

EUROPEAN**MOBILITY**WEEK is the European Commission's flagship awareness-raising campaign on sustainable urban mobility. Town and cities are warmly invited to register their participation for the main event week (16 - 22 September) here.

Explore our website for more information on past campaigns and **MOBILITY**ACTIONs to learn how you can best participate.



I acabem aquest part d'oportunitats amb les MISSIONS...







The R&I Missions

R&I Missions

Connecting to citizens: Missions will relate EU's research and innovation to society and citizens' needs, with strong visibility and impact

A mission will consist of a portfolio of actions intended to achieve a bold and inspirational as well as measurable goal within a set timeframe, with impact for science and technology, society and citizens that goes beyond individual actions

Horizon Europe proposal defines mission characteristics and criteria

Specific missions will be **co-designed with Member States**, **stakeholders and citizens** and programmed within the Global Challenges and Industrial Competitiveness pillar (drawing on inputs from other pillars)

About 10% Budget of Pillar-II will be devoted to Missions + MMSS contributions & other programmes, initiatives or sources!



Áreas para misiones, que empezaron en 2021...

Adaptation to climate change, including societal transformation



Healthy oceans, seas, coastal and inland waters



Mission areas





Developing new urban planning and design practices to enable transition to sustainability, resilient, climate neutral and human centred solutions.



Large scale pilots acting as demonstrators for deployment of R&I and off the shelf solutions in lead European cities and districts.







Soil health and food



Cancer



Elina Bardram

Director at Directorate General for Climate Action (DG CLIMA)

Mission manager for the Adaptation to Climate Change mission



Joanna Drake

Deputy Director-General at Directorate-General for Research and Innovation (DG RTD)

Mission manager for the Cancer mission



Kestutis Sadauskas

Deputy Director-General at Directorate-General for Maritime Affairs Fisheries (DG MARE)

Mission manager for the Restore our Ocean and Waters mission



Patrick Child

Deputy Director-General at Directorate-General for Environment (DG ENV)

Mission manager for the Climate-Neutral and Smart Cities mission



Michael Niejahr

Director / Acting Deputy Director-General at Directorate-General for Agriculture and Rural Development (DG AGRI)

Mission manager for the Soil Deal for Europe mission

Mission boards

Information about the mission areas and the people chairing the mission boards.

- ✓ Members of the Missions Boards
- https://research-andinnovation.ec.europa.eu/funding/fun ding-opportunities/fundingprogrammes-and-open-calls/horizoneurope/eu-missions-horizoneurope/mission-boards en





What are EU Missions?

EU Missions are a new way to bring concrete solutions to some of our greatest challenges. They have ambitious goals and will deliver concrete results by 2030.

The 5 EU Missions are:

- Adaptation to Climate Change: support at least 150 European regions and communities to become climate resilient by 2030 @,
- 2. Cancer: working with Europe's Beating Cancer Plan to improve the lives of more than 3 million people by 2030 through prevention, cure and solutions to live longer and better ,
- 3. Restore our Ocean and Waters by 2030 @
- 4. 100 Climate-Neutral and Smart Cities by 2030 @,
- A Soil Deal for Europe: 100 living labs and lighthouses to lead the transition towards healthy soils by 2030 6.

They put research and innovation into a new role, combined with new forms of governance and collaboration, as well as by engaging citizens.

EU Missions are a novelty of the Horizon Europe research and innovation programme for the years 2021-2027.

They support Commission priorities, such as the <u>European Green Deal</u> , <u>Europe fit for the Digital Age</u>, <u>Beating Cancer</u> , and the <u>New European Bauhaus</u> , For instance, Mission Climate is a concrete element of the new <u>Climate Adaptation Strategy</u> , Mission Cancer of the Europe's <u>Beating Cancer Plan</u> and the Mission Soil is a flagship initiative of the <u>Long-term Vision for the EU's Rural Areas</u> .

EU Missions are a coordinated effort by the Commission to pool the necessary resources in terms of policies and regulations, as well as other activities. They also aim to mobilise and activate public and private actors, such as EU Member States, regional and local authorities, research institutes, farmers and land managers, entrepreneurs and investors to create real and lasting impact. Missions engage with citizens to boost societal uptake of new solutions and approaches.

EU Missions support Europe's transformation into a greener, healthier, more inclusive and resilient continent. They aim to bring tangible benefits to people in Europe and engage Europeans in their design, implementation and monitoring.

View available work programmes

2023 - 24

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On trobar els programes de treball de les Missions...

Horizon Europe work programmes

What work programmes are, what they cover, download available Horizon Europe work programmes.

PAGE CONTENTS

Work programmes under Horizon Europe

View available work programmes

Work programmes under Horizon Europe

Work programmes set out funding opportunities under Horizon Europe.

One specific programme under Horizon Europe is implemented through the following:

The main work programme

- Marie Skłodowska-Curie actions and research infrastructures under Pillar I
- all clusters under Pillar II
- · European innovation ecosystems under Pillar III
- the part widening participation and strengthening the European Research Area

Other work programmes cover

- European Research Council (ERC)
- Joint Research Centre (JRC)
- European Innovation Council (EIC)

A significant part of Pillar II of Horizon Europe will be implemented through institutionalised partnerships, particularly in the areas of Mobility, Energy, Digital and Bio-based economy, which will also have separate work programmes.

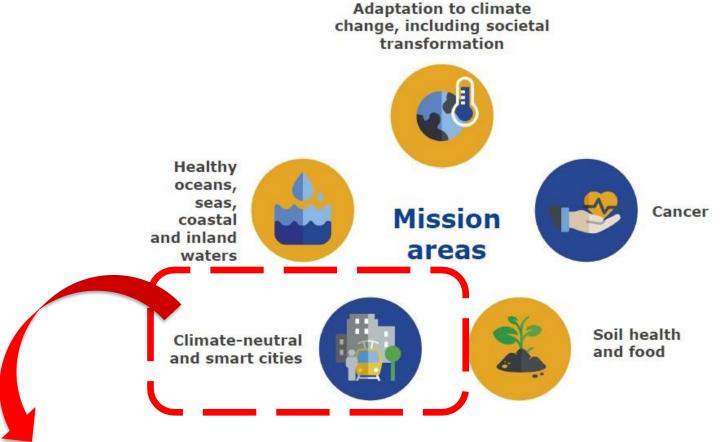
The activities of the <u>European Institute of Technology (EIT)</u> are set out in separate programming documents.

https://research-and-

<u>innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/horizon-europe-work-programmes en</u>



As an example...



OBJETIVO para 2030: Apoyar y promover que al menos 100 ciudades europeas sean climateneutral.



"100 climate-neutral cities by 2030 in EU"

Mission area: Climate-neutral and smart cities

What this mission area is, how missions will be chosen, mission boards, meetings, news

PAGE CONTENTS

What are missions and mission

What this mission area deals

How specific missions will be identified

More information

Contact

Latest

Timeline

Documents

Related links

What are missions and mission areas?

Partly inspired by the Apollo 11 mission to put a man on the moon, the European research and innovation missions aim to deliver solutions to some of the greatest challenges facing our world. They are an integral part of the Horizon Europe framework programme beginning in 2021.

Individual missions will be chosen from the 5 mission areas that were identified during the negotiations of Horizon Europe.

What this mission area deals with

The importance of climate-neutral and smart cities

More than half of the world's population now lives in urban areas. This is expected to reach 80% by 2050. Cities and metropolitan areas are centres of economic activity, knowledge generation, innovation and new technologies.

They impact upon the quality of life of citizens who live and/or work in them and they are major contributors to global challenges.

Aims of missions in this area

A mission in this area will help us meet the goals and targets set out by international policy frameworks such as the COP21 Paris Agreement, the UN's Sustainable Development Goals (notably SDG11), the Urban Agenda for the EU and the Habitat III New Urban Agenda as cities play a key role in all of them.

https://ec.europa.eu/info/horizoneurope/missions-horizoneurope/climate-neutral-and-smartcities en



An efficient mobility for all, clean, safe and accessible including carbon free and alternative fuels, promotion of public transport, walking and cycling, smart multimodal solutions such as mobility as a service (MaaS), and automation;



Ejemplos de topics...



00 Climate-Neutral and Smart Cities by 2030		
HORIZON-MISS-2025-04-CIT-01: Coupling circularity and climate mitigation in		
industrial sites and their cities and regions		
HORIZON-MISS-2025-04-CIT-02: Innovative, AI-based solutions for urban planning and		
management 81		
HORIZON-MISS-2025-04-CIT-03: Boosting the transformation towards climate-neutral		
cities, the net-zero economy and open strategic autonomy through Pre-Commercial		
Procurement (PCP)85		

https://op.europa.eu/en/publicationdetail/-/publication/45c6c574-3366-11efb441-01aa75ed71a1/language-en



Barcelona

Sustainable use of land and nature-based solutions in cities

Towards an EU Research and Innovation policy agenda for

Nature-Based Solutions & Re-Naturing Cities



Strategies and policies

As sustainable use of land and nature-based solutions in the cities are key determining factors for the quality of life in cities, the partnership on Sustainable Land Use worked on proposals for better regulation, funding and knowledge in this area.

The EU's biodiversity strategy for 2030 is a comprehensive, ambitious and long-term plan to protect nature and reverse the degradation of ecosystems, that aims to put Europe's biodiversity on a path to recovery by 2030. A key part of the strategy is to promote healthy and vibrant urban ecosystems.

This strategy aims to stop the loss of green urban space including tree canopy cover, and then steadily increase them. It also calls upon all cities and towns over 20,000 in habitants to develop ambitious urban greening plans – to ensure that green infrastructure and nature-based solutions are systematically integrated into urban planning process.

https://commission.europa.eu/eu-regional-and-urbandevelopment/topics/cities-and-urban-development/priority-themes-eucities/sustainable-use-land-and-nature-based-solutions-cities_en



HORIZON-MISS-2025-06-CIT-CANCER-01: Walking and cycling: increasing their modal share to reap health benefits and emission reductions and integrating active mobility and micro-mobility devices, with smart technologies and infrastructure

Call: Joint Call between the Climate-Neutral and Smart Cities Mission and the Cancer Mission	
Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR N/A million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR 0.00 million.
Type of Action	Innovation Actions
Eligibility conditions	The conditions are described in General Annex B. The following exceptions apply:
	The following additional eligibility criteria apply: At least five lead cities and five follower cities should be part of the consortium as beneficiaries. The cities must each be situated in different EU Member States or countries associated to Horizon Europe, ensuring geographical balance.
	If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).
Technology Readiness Level	Activities are expected to achieve TRL 7-8 by the end of the project – see General Annex B.

Synergies among missions



Legal and financial set-up of the Grant Agreements

The rules are described in General Annex G. The following exceptions apply:

Grants awarded under this topic will be linked to the following action(s):

HORIZON-MISS-2021-CIT-02-03

Collaboration with the Cities Mission Platform ¹⁴² is essential and projects must ensure that appropriate provisions for activities and resources aimed at enforcing this collaboration are included in the work plan of the proposal. The collaboration with the Mission Platform must be formalized through a Memorandum of Understanding to be concluded as soon as possible after the project starting date.

In grants awarded under this topic, eligible costs for major infrastructure works related to the deployment/instalment of the walking and cycling solutions should not constitute more than 20% of the total eligible costs. Beneficiaries' own resources and/or mobilisation and leverage of additional investments from other EU programs and initiatives (such as EU Structural and Investment Funds) and/or other sources, private or public, could make up the remaining investment costs to secure the economic and financial sustainability of the project.



Study: Poor environmental quality leads to higher cancer rates



Prostate and breast cancer are strongly linked to poor environmental quality, a new study found.

Researchers at the University of Illinois, Chicago linked the Environmental Quality Index, a county-level measure of cumulative environmental exposures, with cancer incidence rates.

Active commuters less likely to suffer from heart disease and cancer, new research shows

Download PDF Copy



Jul 17 2024

In a recent study published in the *BMJ Public Health*, researchers separately examined the prospective associations between active commuting and multiple health outcomes over 18 years for pedestrians and cyclists.



https://horizoneuropencpportal.eu/sites/default/files/2024-05/understanding-mission-portfolios-kiax24006enn.pdf

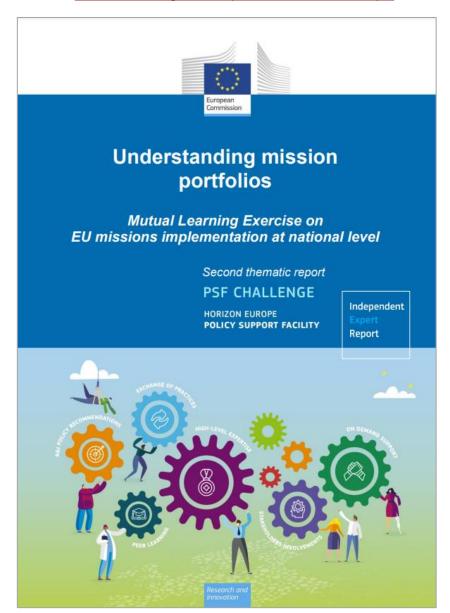


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1. Introduction and overview of mission portfolios and portfolio





Last but not least...



TRAINING AND WORKSHOPS

What it takes: successful models for academiaindustry knowledge valorisation

Europe's competitiveness requires placing research and innovation at the center of the economy and accelerating the translation of scientific excellence into successful innovations. Research and technology infrastructures and co-working spaces are often key players of dynamic knowledge ecosystems, where researchers and industry work hand in hand on new solutions. In this webinar you will learn about two innovative models for partnering with companies in the field of advanced materials and for preparing clinical validation and navigating regulation in the health sector.

You can register to receive a reminder shortly before the Talk.

Registration is not compulsory to watch the event. No password or account is needed.

Register here

Practical information

When Tuesday 19 November 2024, 13:00 - 13:45

(CET)

Where Online only

Languages English

knowledge management | industrial research

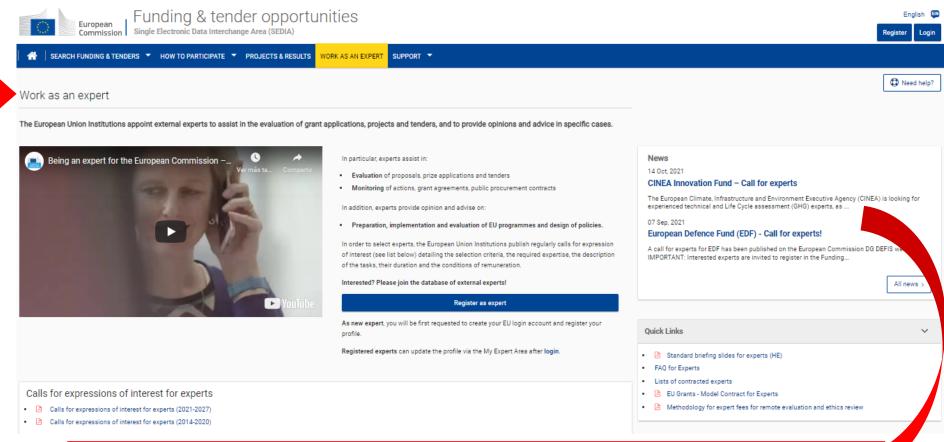


- Online only
- ((*)) Live streaming available





https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert





The European Climate, Infrastructure and Environment Executive Agency (CINEA) is looking for experienced technical and Life Cycle assessment (GHG) experts, as well as seasoned fin experts to evaluate projects applying for grants to the Innovation Fund.

Objective is to support projects which bring on significant emission reductions. Eligible technologies encompass sectors such as renewable energy (wind, solar, geothermal, bioenergy, ocean), carbon capture storage and utilisation (CCS/CCU), and energy intensive industries covered under ETS (metals, chemicals, cement, refineries, paper, glass/ceramics, hydrogen, energy storage). Would you be interested to play a key part in a major new EU funding programme for decarbonising Europe's industry?

If so, apply today to become an Innovation Fund expert and help us select the most innovative cleantech projects with a knock-on effect on the market.

More information and how to apply here.



Espai de treball i intercanvi sobre projectes europeus

