HORIZON EU WORK PROGRAMME 2026-2027

After finding your call or project idea, you can indicate your interest through **this form**.

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CALL PRE-ANNOUNCEMENT

EIT HEI – Call for Proposals 2026

- **Strengthening Deep Tech and Manufacturing Innovation in Higher Education**

  Summary: The upcoming call will support higher education institutions in developing STEM innovation and entrepreneurship skills, strengthening institutional capacities for knowledge valorisation and technology transfer, and building closer connections with industry and innovation ecosystems. Projects must address all three areas to advance deep-tech and manufacturing innovation.

  Budget: Total call budget to be announced.

  Expected contribution per project: subject to the final call conditions.

  Deadline: To be announced (call launch expected in Q4 2026).

  Type of Action: EIT Higher Education Initiative – Innovation Capacity Building Projects

  Link

FutureFoodS – Third Joint Transnational Call 2026

- **GETS – Getting Everyone Together for Sustainable Food Systems: Empowered Consumers, Innovative Sustainable Products and Trusted Value Chains**

  Summary: The upcoming call will fund transnational research and innovation projects across three areas: trusted and transparent sustainable food value chains; consumer agency and enabling food environments for healthy, safe and sustainable food practices; and innovative processing for sustainable, safe and nutritious food products.

  Budget: To be announced.




Expected contribution per project: To be announced; subject to national funding rules.

Deadline: Pre-proposals expected in mid-January 2027; full proposals expected in late June 2027 (by invitation).

Type of Action: Transnational Research and Innovation Projects.

Link

Cluster 1. HEALTH

Staying healthy in a rapidly changing society Developing and using new tools, technologies and digital solutions for a healthy society

- **HORIZON-HLTH-2027-03-TOOL-04**

  Virtual Human Twins (VHTs) for integrated clinical decision support in prevention and diagnosis

  Summary: VHTs are digital representations and in-silico models of an individual's health and disease state at different levels of anatomy. Multi-scale, multi-organ VHT solutions have a potential for tailored prevention and diagnosis, particularly in areas of high disease burden, and can significantly benefit citizens' health and the efficiency of EU health systems.

  Budget: €50M total
  Expected EU contribution per project: €10-12M
  Deadline: 13 Apr 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-HLTH-2027-01-ENVHLTH-02**

  Integrating climate-related exposures into the human exposome and characterizing its changes in response to climate change

  Summary: Research activities under this topic should strengthen the use of the exposome approach to study global exposures and generate evidence on their health implications. Proposals should focus on integrating climate-related factors into exposome research and understanding how the exposome changes in response to direct and indirect climate exposures. Moreover, research activities should be multiscale and multidisciplinary and account for the complexity and multifactorial nature of health determinants and the most pressing unmet medical needs in relation to environmental degradation and disrupted ecosystems. Proposals should include climate-relevant social determinants of health as part




of their proposed activities *and can significantly benefit citizens' health and the efficiency of EU health systems.*

Budget: €45M total
Expected EU contribution per project: €10-11M
Deadline: 13 Apr 2027
Type of Action: RIA (Research and Innovation Actions)
Link

Cluster 2. CULTURE, CREATIVITY AND INCLUSIVE SOCIETY

Innovative Research on Social and Economic Transformations

- **HORIZON-CL2-2027-01-TRANSFO-01**

  Impact of access to nature-positive environments in promoting social cohesion and reducing inequalities in urban and peri-urban settings

  Summary: Proposals should focus on Innovative Research on Social and Economic Transformations, aiming to foster inclusive growth, mitigate inequalities, and support human capital development. It seeks evidence-based solutions for evolving European societies, enhancing policy recommendations for structural transformations. The topic examines how access to green spaces and nature-positive environments affects social cohesion and helps reduce inequality in urban and peri-urban areas.

  Budget: €12M total
  Expected EU contribution per project: €3-4M per project
  Deadline: 23 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL2-2027-01-TRANSFO-03**

  Rethinking sustainable competitiveness beyond traditional perspectives: role and contribution of the Social Economy

  Summary: Proposals should focus on redefining sustainable competitiveness by highlighting the vital role of the social economy. The aims is to move beyond traditional, purely profit-driven definitions of competitiveness to include environmental sustainability and social impact.

  Budget: €12M total
  Expected EU contribution per project: €3-4M
  Deadline: 23 Sep 2027




Type of Action: RIA (Research and Innovation Actions)
Link

- **HORIZON-CL2-2026-01-TRANSFO-07**
  Fostering competences for the green transition

  Summary: proposals should focus on developing the skills necessary for Europe's sustainable, climate-neutral future too empower individuals and organizations with skills, competencies, and knowledge required for the green transition. Proposals should to include educational, training, and capacity-building measures to support the shift towards a greener economy.

  Budget: €12M total
  Expected EU contribution per project: €3-4M
  Deadline: 23 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

Innovative Research on European Cultural Heritage and Cultural and Creative Industries

- **HORIZON-CL2-2027-01-HERITAGE-03**
  Crafting routes to a circular economy

  Summary: Proposals should focus on integrating cultural heritage into sustainable, circular economy practices. It supports research and innovation to valorize natural resources, preserve landscapes, and advance circularity within cultural and creative sectors. This topic aims to align cultural heritage with European Green Deal goals, covering sustainable resource management and reuse, notes the European Commission. Key Focus Areas: Sustainable management of natural resources, habitats, and cultural heritage, Developing repair and re-use networks, Integrating cultural, heritage-driven solutions for ecological transition, Strengthening the role of cultural and creative industries (CCIs) in sustainability

  Budget: €10,5M total
  Expected EU contribution per project: €3-3.5M per project
  Deadline: 23 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link




- **HORIZON-CL2-2027-01-HERITAGE-06**
  Future-proofing sustainable cultural tourism

  Summary: This initiative aims to develop innovative strategies for making cultural tourism more resilient to environmental and socio-economic challenges, focusing on long-term management models for cultural and natural sites, leveraging technology, and supporting policy development and community engagement.

  Budget: €14,5M total
  Expected EU contribution per project: €4-4.8M per project
  Deadline: 23 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL2-2027-02-HERITAGE-09-two-stage**
  Open topic: Impact-driven research on realising the full potential of cultural heritage, arts and cultural and creative industries

  Summary: Strengthens Europe's cultural heritage and creative industries as drivers of prosperity and social cohesion. Projects boost innovation through creative startups, AI technologies, and circular economy while supporting culture's role in well-being, sustainable tourism, and heritage safeguarding. Solutions must leverage European data infrastructures and foster European sense of belonging.

  Budget: €20M total
  Expected EU contribution per project: €2-4 M
  Deadline: 04 May 2027; 30 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

Cluster 3. CIVIL SECURITY FOR SOCIETY

- **HORIZON-CL3-2027-01-FCT-01**
  Online harms detection & investigation tools (short development cycle)

  Summary: Focuses on rapid-development digital tools enabling authorities to detect, analyse, and investigate online harms.

  Budget: €8 million (indicative)
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)

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Link

- **HORIZON-CL3-2027-01-FCT-02**
  Community policing in diverse societies

  Summary: Supports solutions that strengthen trust, communication, and collaboration between police and diverse communities.

  Budget: €6 million (indicative)
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)
  Link

- **HORIZON-CL3-2027-01-FCT-03**
  Open topic on prevention/detection of crime-related societal issues

  Summary: Open-themed call encouraging novel approaches to address emerging crime-linked societal risks, both preventive and investigative.

  Budget: ca. €6 million (indicative)
  Deadline: 04 Nov 2027
  Type of Action: RIA (Research and Innovation Action)
  Link

- **HORIZON-CL3-2027-01-FCT-04**
  Increasing security of citizens in public spaces

  Summary: Targets innovative, deployable solutions to strengthen security and resilience of public spaces against evolving threats.

  Budget: €9 million (indicative)
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)
  Link

- **HORIZON-CL3-2027-01-FCT-05**
  Responses to increased availability and use of synthetic drugs

  Summary: Focuses on new tools, strategies, and coordinated responses addressing synthetic drug production, distribution, and societal impacts.

  Budget: €8 million (indicative)
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)



Link

Critical Infrastructure

- **HORIZON-CL3-2027-01-INFRA-01**

  Enhancing physical protection of critical infrastructures

  Summary: Research and innovation to strengthen the physical protection of critical infrastructure against threats (e.g., sabotage, terrorism, hybrid attacks), securing key assets vital to public safety and service continuity. Projects should develop, demonstrate or validate technologies, methods and operational frameworks for resilience of physical infrastructure.

  Budget (indicative): €12 million total for the topic
  Expected EU contribution per project: ~€6 million
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)
  Link

- **HORIZON-CL3-2027-01-INFRA-02**

  Malicious use of OSINT and its impact on critical infrastructure continuity

  Summary: Projects should examine how malicious use of Open-Source Intelligence (OSINT) affects the continuity and security of critical infrastructure, including extraction of sensitive insights from publicly available data and resulting vulnerabilities. Solutions may include risk models, counter-OSINT tools, policy frameworks and resilience strategies.

  Budget (indicative): €7.67 million
  Expected EU contribution per project: ~€3.835 million
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)
  Link

Disaster Risk & Resilience

- **HORIZON-CL3-2027-01-DRS-04**

  Enhancing preparedness for large-scale cross-border disasters

  Summary: Support R&I to improve preparedness and response strategies for large-scale, cross-border disasters (natural, technological or combined). Projects should address multi-actor coordination, early warning, risk communication, transnational response frameworks and resilience planning.

  Budget (indicative): €8 million




Expected EU contribution per project: ~€4 million
Deadline: 04 Nov 2027
Type of Action: IA (Innovation Action)
Link

- **HORIZON-CL3-2027-01-DRS-02**

  Societal resilience, engagement of the younger generations and digital innovation for disaster resilience

  Summary: This topic focuses on enhancing societal resilience by actively engaging younger generations in disaster preparedness, response, and recovery through digital innovation, education, and community involvement. Projects should develop tailored innovative solutions that integrate digital tools, gamification, and interactive learning methods to improve disaster awareness, risk perception, and response capabilities among younger generations. These initiatives should empower younger generations, to become active contributors to resilience-building efforts, equipping them with the knowledge and leadership skills.

  Budget (indicative): €6 million
  Expected EU contribution per project: ~€3 million
  Deadline: 04 Nov 2027
  Type of Action: RIA (Research and Innovation Action)
  Link

- **HORIZON-CL3-2027-01-DRS-03**

  Enhancing decision support system for disaster crises: leveraging emerging technologies for improved civil preparedness and crisis management

  Summary: Proposals should focus on creating advanced systems designed to strengthen civil preparedness, helping authorities and responders manage various disaster situations in a timely and effective manner. These systems should leverage cutting-edge AI-driven tools to process large volumes of data, providing actionable insights that improve decision-making during critical moments, such as from early warning to early action. Emphasis should be placed on integrating advanced data analysis and predictive modelling to anticipate disaster developments and guide interventions, while ensuring that the systems are transparent, explainable, and built on principles of trustworthiness, inclusive and gender sensitive and ethical AI use and on secure AI deployments.

  Budget (indicative): €9 million
  Expected EU contribution per project: ~€3 million
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)
  Link

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Security Research & Innovation

- **HORIZON-CL3-2027-01-SSRI-01**
  Advanced SME innovation – open proposals

  Summary: Open topic inviting SMEs and innovators to propose security research or innovation with high potential for impact, adoption and market uptake. Projects should address pressing security challenges and include plans for validation and practitioner engagement.

  Budget (indicative): €4.5 million
  Expected EU contribution per project: ~€1.5 million
  Deadline: 04 Nov 2027
  Type of Action: IA (Innovation Action)
  Link

- **HORIZON-CL3-2027-01-SSRI-02**
  Grounds for future pre-commercial procurement of security technologies

  Summary: Preparatory action to lay the groundwork for future pre-commercial procurement (PCP) in civil security. Projects should help define user needs, procurement frameworks and innovation pathways to stimulate market supply of advanced security technologies.

  Budget (indicative): €2 million
  Expected EU contribution per project: ~€1 million
  Deadline: 04 Nov 2027
  Type of Action: CSA (Coordination and Support Action)
  Link

Cluster 4. DIGITAL, INDUSTRY AND SPACE

Data and AI

- **HORIZON-CL4-2027-04-DATA-08**
  Demand-side 3C pilot demonstrators on converged Telco Edge Cloud Infrastructure

  Summary: The call aims to validate demand-driven pilots for open orchestration platforms across the telco-cloud-edge continuum (3C networks), leveraging AI and advanced connectivity features to boost EU competitiveness and sustainability. Projects should integrate domain-specific applications in sectors like smart mobility and another vertical (e.g., energy, health, manufacturing), using open APIs, secure multi-cloud deployments, and




innovative technologies such as XR/AR, generative AI, and swarm intelligence. Proposals must include robust data governance aligned with EU principles (Gaia-X, Common European Data Spaces), ensure security against quantum threats, and demonstrate benefits for agile, green IoT-edge computing and decentralized intelligence. Collaboration with supply-side pilots, use of open-source frameworks, and clear commercialization strategies are essential for creating a vibrant ecosystem for SMEs and startups.

Budget: Total budget EUR 38 mil.; 2 projects for 19 mil. each.
Deadline: 18 Mar 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-CL4-2027-04-DATA-09**

  Energy efficiency and sustainability of AI data processing in Data Centres (IA)

  Summary: The actions should develop technologies to improve the energy efficiency and sustainability of data centres through advanced chip cooling, innovative energy storage and backup systems, and novel materials for thermal management. They should also optimise operations using AI-driven workload scheduling, dynamic resource allocation, virtualisation, and waste heat recovery solutions. A further objective is the integration of data centres into regional energy systems, supported by demonstrations in at least two real-world use cases per project. In addition, a dedicated open pilot site will showcase, benchmark, and promote the results of funded projects, while fostering synergies with related European initiatives on thermal optimisation and heat recovery.

  Budget: Total budget EUR 39 mil.; 2 projects for 10 mil. each.
  Deadline: 18 Mar 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL4-2027-04-DATA-03**

  New approaches for decentralized, federated and sustainable AI data processing (RIA)
  Summary: This topic focusses on technologies and techniques that enable AI data processing to leverage distributed compute resources across the cloud and edge computing continuum throughout the whole AI model lifecycle from data collection, training, fine-tuning, and deployment.

  Budget: Total budget EUR 35 mil.; 2 projects for 17.5 mil. each.
  Deadline: 18 Mar 2027
  Type of Action: IA (Innovation Actions)
  Link



Human-Centric Technologies (Virtual Worlds & Web 4.0)

- **HORIZON-CL4-2027-04-HUMAN-02**

  Create a thriving and competitive Virtual Worlds and Web 4.0 ecosystem

  Summary: The call supports a Coordination and Support Action (CSA) to strengthen the European Partnership for Virtual Worlds by updating its Strategic Research and Innovation Agenda (SRIA), fostering an inclusive ecosystem, and promoting adoption of open, interoperable, and trustworthy virtual worlds technologies. Activities include reinforcing links across EU, national, and regional initiatives, driving standardization efforts, and implementing outreach programs to build awareness and trust. Proposals should involve key stakeholders from academia, industry (including SMEs), and SSH experts to ensure societal impact and alignment with EU values. The CSA will provide continuous support to the partnership, coordinate stakeholders, and promote widespread uptake of Virtual Worlds solutions across Member States.

  Budget: €3M (Only 1 project will be funded)
  Deadline: 18 Mar 2027
  Type of Action: CSA (Coordination and Support Action) (Virtual Worlds Partnership)
  Link

Carbon Capture and Clean Energy

- **HORIZON-CL4-2027-02-MAT-PROD-32-two-stage**

  Efficient energy input from renewable sources and energy management in the process industries (IA) (Processes4Planet and Innovative Advanced Materials for the EU partnerships)

  Summary: This Horizon Europe call supports research and innovation projects aimed at reducing the carbon footprint of energy-intensive process industries through the integration of renewable energy, energy efficiency measures, electrification, and advanced energy storage solutions. Proposals should develop and demonstrate innovative technologies capable of improving industrial energy performance, including hybrid systems, high-temperature processes, and novel materials for heat storage and insulation. Pilot-scale validation in real industrial environments is expected, with a strong focus on scalability, industrial deployment, and the acceleration of Europe's industrial decarbonisation.

  Budget: Total budget EUR 52.5 mil.; 5-7 projects for 7-9 mil. each.
  Deadline: 02 Feb 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

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Cluster 5. CLIMATE, ENERGY AND MOBILITY

Urban Energy & Infrastructure

- **HORIZON-CL5-2026-11-D3-14**

  Improved system design for innovative PV applications (EUPI-PV Partnership)

  Summary: The topic aims to advance either agrivoltaics (agriPV) or offshore/nearshore photovoltaic systems by developing innovative, scalable solutions that maximise energy production while minimising environmental and land/sea-use impacts. Projects should demonstrate large-scale systems, improve resilience to climate change, develop standardised designs and permitting approaches, and validate performance across different European climate or sea zones.

  Budget: ~€30M
  Deadline: 01 Dec 2026
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-D4-01-01**

  Innovative microgrids for efficient urban energy integration

  Summary: This call promotes novel microgrid architectures and control systems for urban contexts. Emphasis is on resilience against outages, smooth integration of renewable sources, and demand-side flexibility. Projects should validate how microgrids can provide reliable, cost-effective, and sustainable energy for communities, public services, and local businesses.

  Budget: ~€20M
  Deadline: 09 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-D4-01-01**

  Demonstration of hydropower technologies for efficient and forward-looking refurbishment of existing hydropower plants

  Summary: Demonstration of hydropower technology solutions which allow for efficient and forward-looking refurbishment of existing hydropower plants. Provided solutions must be socioeconomically and environmentally sustainable (including biodiversity) and provide a respective assessment.

  Budget: ~€17M

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Deadline: 01 Dec 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-CL5-2027-07-D3-16**

  Industrial processes and equipment for innovative, reliable and scalable tandem technologies (EUPI-PV Partnership)

  Summary: The topic aims to advance next-generation photovoltaic technologies by demonstrating tandem solar cells with efficiencies exceeding the limits of conventional silicon-based solutions while maintaining comparable lifetimes. Projects should validate large-scale interface and thin-film engineering approaches and demonstrate manufacturing processes and equipment suitable for industrial-scale deployment.

  Budget: ~€28.50M
  Deadline: 01 Dec 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-07-D3-27**

  Integrated Approaches for Retrofitting Infrastructures with Innovative Energy Storage Technologies

  Summary: Demonstration of novel or improved technological solutions for cost-efficient, circular and sustainable energy storage, which contribute to grid flexibility and make use of existing obsolete or outdated energy or other infrastructures. Proposals should integrate the synergies between novel or improved energy storage technologies and retrofitting of obsolete or outdated infrastructures.

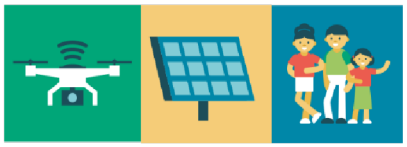
  Budget: ~€22.50M
  Deadline: 01 Dec 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-07-D3-25**

  Advanced TSO control rooms to enhance grid observability, stability and resilience

  Summary: The topic aims to modernize TSO control rooms through advanced digital solutions that enhance grid observability, automation, decision support, and operational resilience. Projects should integrate technologies such as AI, digital twins, Wide Area Monitoring Systems (WAMS), advanced forecasting, and cybersecurity-by-design to improve congestion management, renewable energy integration, and system reliability.



Budget: ~€28.50M
Deadline: 01 Dec 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-CL5-2027-07-D3-28**

  Community of practice - Data-Driven Decision-Making in Energy

  Summary: The topic aims to modernize TSO control rooms through advanced digital solutions that enhance grid observability, automation, decision support, and operational resilience. Projects should integrate technologies such as AI, digital twins, Wide Area Monitoring Systems (WAMS), advanced forecasting, and cybersecurity-by-design to improve congestion management, renewable energy integration, and system reliability.

  Budget: ~€6M
  Deadline: 01 Dec 2027
  Type of Action: Coordination and Support Actions
  Link

- **HORIZON-CL5-2027-07-D3-17**

  PV based electrification of the economy: Designing & optimising PV systems supporting industrial electrification and promoting participation in electricity markets (EUPI-PV Partnership)

  Summary: The topic aims to advance photovoltaic (PV) system integration by developing either high-voltage DC PV architectures or innovative approaches for PV participation in electricity markets. Projects may focus on demonstrating efficient AC/DC hybrid systems and high-voltage grids for industrial applications, while assessing their impact on PV module performance and overall system efficiency.

  Alternatively, they may develop solutions that enable PV assets to participate in dynamic pricing, balancing markets, and integrated energy management schemes, supported by digitalisation to improve reliability and system availability.

  Budget: ~€18M
  Deadline: 01 Dec 2027

  Type of Action: IA (Innovation Actions)
  Link




- **HORIZON-CL5-2027-07-D3-26**

  Advanced Distribution Management Systems (ADSM) for more efficient and flexible distribution grids

  Summary: The topic aims to advance Advanced Distribution Management Systems (ADMS) by developing innovative architectures, technologies, and operational processes that enhance the management of modern electricity distribution grids. Projects should deliver ADMS platforms capable of improving grid performance, flexibility, and controllability, while facilitating the integration of distributed energy resources (DERs), reducing congestion, and supporting data-driven operations through advanced forecasting, analytics, and visualisation tools.

  Budget: ~€28.5M
  Deadline: 01 Dec 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-02-D3-08**

  Co-funding Strategic Energy Technology (SET) Plan renewable fuel value chains at EU, national, regional, and local level

  Summary: The topic aims to advance Advanced Distribution Management Systems (ADMS) by developing innovative architectures, technologies, and operational processes that enhance the management of modern electricity distribution grids. Projects should deliver ADMS platforms capable of improving grid performance, flexibility, and controllability, while facilitating the integration of distributed energy resources (DERs), reducing congestion, and supporting data-driven operations through advanced forecasting, analytics, and visualisation tools.

  Budget: ~€28.5M
  Deadline: 31 March 2027
  Type of Action: Programme Co-fund Action
  Link

- **HORIZON-CL5-2027-02-D3-08**

  Co-funding Strategic Energy Technology (SET) Plan renewable fuel value chains at EU, national, regional, and local level

  Summary: The topic aims to advance Advanced Distribution Management Systems (ADMS) by developing innovative architectures, technologies, and operational processes that enhance the management of modern electricity distribution grids. Projects should deliver ADMS platforms capable of improving grid performance, flexibility, and controllability, while




facilitating the integration of distributed energy resources (DERs), reducing congestion, and supporting data-driven operations through advanced forecasting, analytics, and visualisation tools.

Budget: ~€28.5M
Deadline: 31 March 2027
Type of Action: Programme Co-fund Action
Link

Urban Mobility & Transport

- **HORIZON-CL5-2027-03-D5-17**

  Innovative Solutions for mitigating the environmental impact of waterborne transport in marine and aquatic Ecosystems (ZEWT Partnership)

  Summary: This topic aims to evaluate, forecast, control and mitigate the impact of waterborne transport on marine and other aquatic ecosystems, with a focus on developing and demonstrating innovative abatement and mitigation systems and strategies to mitigate and eliminate, where possible, the harmful impact of waterborne transport in the ocean and inland waters. New technologies and solutions addressing the decarbonization of waterborne transport will be considered, as well as the potential risks and challenges associated with these.

  Budget: ~€14M
  Deadline: 14 Apr 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL5-2027-03-D5-03**

  Data-driven circular economy for e-mobility ecosystem (2ZERO Partnership)

  Summary: This call supports research and innovation projects aimed at improving the circularity of electric vehicles and their charging infrastructure. Proposals should develop solutions to extend component lifetimes, enhance reuse, repair and recycling, and enable data-driven life-cycle management through digital tools, product passports and traceability systems. Particular emphasis is placed on reducing the use of critical raw materials, promoting circular economy practices, and leveraging digital technologies to improve the sustainability and resource efficiency of electric mobility.

  Budget: ~€24M
  Deadline: 14 Apr 2027
  Type of Action: RIA (Research and Innovation Actions)




Link

- **HORIZON-CL5-2027-D6-01-01**

  Climate-resilient multimodal passenger hubs

  Summary: Focused on designing and adapting passenger hubs to withstand climate impacts such as heatwaves, flooding, or storms, while ensuring continued service. Solutions may include nature-based measures, advanced materials, or digital management systems for resilience.

  Budget: ~€15M
  Deadline: 09 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-D6-01-04**

  Sustainable urban logistics and last-mile delivery solutions

  Summary: Aims at low-emission, efficient, and equitable logistics in cities. Projects should demonstrate zero- or low-carbon last-mile delivery solutions, integration of urban consolidation centres, and innovative digital platforms, reducing congestion and emissions while improving service quality.

  Budget: ~€12–15M
  Deadline: 09 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL5-2027-06-D6-12**

  Support for dissemination events in the field of Transport Research

  Summary: The action will prepare and provide support to the Transport Research Arena (TRA) conference to be organised in 2030 gathering transport stakeholders for discussing political, industrial and research issues on a European and global level. In line with previous TRA biennial conferences, the event should address the technological and industrial developments of the transport sector (i.e. road, rail, waterborne, aviation sectors and cross-modal aspects) providing a high level, future-oriented perspective coming from politics, the industry and the research community, in response to Europe's social and competitiveness needs and expectations. Specific attention should be put on a broad and balanced participation in the conference i.e., students, young researchers, women, under-represented groups, many country representatives, etc.

  Budget: ~€1.6M




Deadline: 7 Oct 2027
Type of Action: Coordination and Support Actions
Link

- **HORIZON-CL5-2027-06-D6-08**

  Enhancing Mobility for All: affordable, reliable, and accessible multimodal transport for inclusive rural and urban connectivity – Societal Readiness pilot

  Summary: EU policies, such as the Sustainable and Smart Mobility Strategy and the European Green Deal, emphasise the need for inclusive, efficient, accessible and sustainable transport systems that leave no one behind. Transport poverty refers to individuals' and households' inability or difficulty to meet the costs of private or public transport, or their lack of or limited access to transport needed for their access to essential socioeconomic services and activities.

  Considering the national and spatial context, transport poverty affects both rural and underserved urban areas. Addressing this challenge requires innovative multimodal transport solutions which integrate various modes efficiently, leveraging digitalisation, shared mobility, and demand-responsive transport to enhance affordability, reliability, and accessibility, thereby ensuring Mobility as a Right.

  Budget: ~€21M
  Deadline: 7 Oct 2027
  Type of Action: IA (Innovations Actions)
  Link

- **HORIZON-CL5-2026-10-D6-09**

  Road Safety and resilience of rural areas

  Summary: Focus on extending NWRSA (network-wide road safety assessment) to all rural roads, develop low-cost tools for safety evaluation, and create targeted prevention and enforcement strategies addressing high-risk behaviors and vulnerable groups, including older or impaired drivers. Additionally, local authorities must enhance resilience against extreme weather and natural disasters. Projects should include diverse European regions to ensure representativeness and practical applicability.

  Budget: ~€13M
  Deadline: 18 Dec 2027
  Type of Action: IA (Innovation Actions)
  Link






Circular Economy & Urban Systems

- **HORIZON-CL5-2027-01-D1-07**

  Advancing understanding, modelling and prediction of extreme events in a changing climate

  Summary: Actions are expected to draw upon multiple lines of evidence from a hierarchy of models (including high resolution Earth system models and digital twins) and data of past and recent climate to further our understanding of processes, pre-conditioning and causality driving extreme events under climate change conditions, including anthropogenic factors and internal variability. Other innovative and efficient modelling and analysis methods, including AI- based approaches, to better predict, emulate and reveal climate change related extreme and unprecedented high impact events, and to capture their likelihood are particularly welcome.

  Budget: ~€18M
  Deadline: 4 Mar 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL5-2027-01-D1-13**

  Next generation scenarios for informing climate and sustainability transitions

  Summary: Actions should improve Integrated Assessment Models (IAMs) or propose alternative approaches to address key challenges and gaps in current climate scenario frameworks. They should extend the scope of scenarios beyond the 21st century, enlarge the future possibility space with more diverse narratives and drivers (e.g. post-growth), more explicit consideration of equity, justice, geopolitics and attention to inclusivity.

  Budget: ~€24M
  Deadline: 4 Mar 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL5-2027-D4-01-02**

  Urban circular economy for reducing waste and emissions

  Summary: Supports innovative urban pilots that apply circular economy principles in practice (e.g. re-use, recycling, urban symbiosis). Projects should generate scalable business models and governance approaches for waste reduction and emissions mitigation.

  Budget: ~€15M
  Deadline: 09 Sep 2027

After finding your call or project idea, you can indicate your interest through **this form**.
Based on your responses, PIONEER will organise targeted networking and info sessions to help shape strong collaborative processes!




Type of Action: RIA (Research and Innovation Actions)
Link

- **HORIZON-CL5-2027-05-D4-07**

  Integrating circularity in LCA-based modelling frameworks for renovation of buildings (Built4People Partnership)

  Summary: The topic aims to develop advanced modelling frameworks that integrate circularity assessment with life cycle assessment (LCA) to support the delivery of net-zero whole-life carbon buildings. Projects must apply these frameworks to at least three renovated buildings in different European climatic regions, incorporating ambitious circularity strategies such as reuse, recycling, repair, refurbishment, remanufacturing, or repurposing. Funded projects are expected to contribute to the Built4People partnership by sharing knowledge, supporting innovation networks, and reporting results against key performance indicators (KPIs).

  Budget: ~€27M
  Deadline: 15 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-05-D4-05**

  On-site robotic and automated techniques for building renovation and new construction

  Summary: The topic aims to accelerate deep building renovation by advancing on-site robotics and automated construction technologies, making renovation works faster, more sustainable, cost-effective, and resource-efficient. Projects must demonstrate innovative robotic solutions for both renovation and new construction, including at least one technique based on 3D printing and specifically designed for use directly on building sites. The proposed technologies should be adaptable to different building types, compatible with existing materials and components, and ensure worker safety through effective human–robot collaboration.

  Budget: ~€20.25M
  Deadline: 15 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL5-2027-05-D4-05**

  Thermal energy optimisation and waste heat recovery of high energy demand IT rooms in buildings or small edge data centres



Summary: The topic aims to improve the energy efficiency and sustainability of small IT rooms and edge data centres, which are expected to play an increasing role in the growing energy demand of the ICT sector. Projects should demonstrate cost-effective solutions for advanced thermal management, waste heat recovery, storage, and reuse, integrating these systems with building management and automation platforms.

Budget: ~€15.75M
Deadline: 15 Sep 2027
Type of Action: IA (Innovation Actions)
Link

Cross-Cutting Calls

- **HORIZON-CL5-2027-CC-02**
  Digital twins for urban planning and resilience

  Summary: Focused on developing digital twin technologies for urban areas, combining real-time data, AI, and modelling. Projects should demonstrate how digital twins can support climate adaptation, sustainable planning, emergency management, and citizen engagement.

  Budget: ~€10M
  Deadline: 09 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL5-2027-CC-02**
  Digital twins for urban planning and resilience

  Summary: Focused on developing digital twin technologies for urban areas, combining real-time data, AI, and modelling. Projects should demonstrate how digital twins can support climate adaptation, sustainable planning, emergency management, and citizen engagement.

  Budget: ~€10M
  Deadline: 09 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link




Cluster 6. FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT

Biodiversity and ecosystem services

- **HORIZON-CL6-2027-01-BIODIV-06**

  Living labs driving transformative change via knowledge integration and inclusive governance

  Summary: focus on establish living labs as real-world testing environments to experiment with policy solutions, stakeholder engagement, and new economic models, while strengthening collective capacities and well-being, develop inclusive, intersectional and adaptive governance strategies that foster systemic transformative change, based on both biodiversity and socio-economic metrics and emphasising equity and sustainability.

  Budget: €14M
  Deadline: 22 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL6-2027-01-BIODIV-02**

  Science-policy support to the implementation of EU and global biodiversity policies and strategies

  Summary: This call supports projects that strengthen the science-policy interface for biodiversity and promote the uptake of research in environmental decision-making. Funding is available for an initiative that enhances knowledge exchange between researchers, policymakers and stakeholders, support international biodiversity processes, and advance the implementation of Nature-based Solutions. Particular attention is given to capacity building, stakeholder engagement and the translation of scientific evidence into policies and practices that support biodiversity conservation and ecosystem restoration.

  Budget: €7M
  Deadline: 22 Sep 2027
  Type of Action: CSA (Coordination and Support Actions)
  Link



- **HORIZON-CL6-2027-01-BIODIV-05**

  Accelerating the transition to a nature positive economy: Integrating biodiversity into the private sector

  Summary: The call aims to strengthen the role of biodiversity in economic and financial decision-making by supporting innovative approaches that link environmental sustainability with long-term economic resilience. Projects may develop new assessment methods, financing mechanisms and business practices that incentivise biodiversity protection, ecosystem restoration and Nature-based Solutions. A strong multi-stakeholder approach is encouraged, bringing together researchers, businesses, investors and public authorities to accelerate the transition towards a nature-positive economy.

  Budget: €14M
  Deadline: 22 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL6-2027-01-BIODIV-07**

  Health of ecosystems and wild species, predictions and impacts on human health, in the face of existing and emerging stressors, from a One Health approach

  Summary: The call supports research projects exploring the links between biodiversity, ecosystem health and human well-being, with the aim of strengthening evidence-based policies for prevention and resilience. Funding is available for initiatives that assess the impacts of ecosystem degradation on human health, develop common indicators and monitoring approaches, and provide recommendations for integrating environmental and public health objectives. Particular emphasis is placed on supporting biodiversity conservation and ecosystem restoration as key elements of long-term societal health and sustainability.

  Budget: €14M
  Deadline: 22 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL6-2027-01-BIODIV-01**

  Integrating Remote Sensing and in-situ observations of Biodiversity, towards a fully interoperable observation and data framework

  Summary: The call supports the development of advanced biodiversity monitoring systems that integrate field observations, genomic data, remote sensing and artificial intelligence to improve the assessment of ecosystem conditions and biodiversity trends. Projects should enhance the availability, interoperability and use of high-quality data, supporting both




scientific research and evidence-based policymaking. Particular emphasis is placed on innovative data integration approaches that can strengthen biodiversity conservation, ecosystem restoration and environmental management across terrestrial, freshwater and marine ecosystems.

Budget: €10M
Deadline: 22 Sep 2027
Type of Action: RIA (Research and Innovation Actions)
Link

Fair, healthy and environment-friendly food systems from primary production to consumption

- **HORIZON-CL6-2027-02-FARM2FORK-01**

  Increasing the resilience of agriculture in water and nutrient-scarce environments through digital innovations

  Summary: This Horizon Europe call supports the development of digital and AI-based solutions to improve water and nutrient management in agriculture, enhancing the resilience and sustainability of farming systems under climate change. Projects should advance monitoring technologies, decision-support tools and high-quality data resources to help farmers optimise resource use, reduce pollution and protect biodiversity. A strong multi-actor approach is required, involving farmers, researchers, advisors and technology providers, with particular attention to the practical adoption of digital tools across diverse agricultural contexts, including organic farming.

  Budget: €12M
  Deadline: 23 Sep 2027
  Type of Action: RIA (Reseach and Innovation Actions)
  Link

Circular economy and bioeconomy sectors

- **HORIZON-CL6-2027-01-CIRCBIO-01-two-stage**

  Deploying circular systemic solutions through living labs in cities and regions (Circular Cities and Regions Initiative topic)

  Summary: Proposals for topics under this destination should set out a credible pathway contributing to “achieving healthy soils and forests, as well as clean air, fresh and marine water, whilst ensuring water resilience and the transition to a clean, competitive and circular




economy and sustainable bioeconomy", and more specifically to one or more of expected impacts

Budget: €10M
Deadline: 8 Apr 2027; 16 Sep 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-CL6-2027-01-CIRCBIO-02-two-stage**

  Open topic: Using the Circular Cities and Regions Initiative to strengthen urban manufacturing in support of the Clean Industrial Deal

  Summary: Implement and demonstrate circular systemic solutions that help urban manufacturers overcome key barriers and challenges in their clean and circular transition and in adapting to new requirements aiming to mitigate environmental degradation, climate change and biodiversity loss.

  Budget: €18M
  Deadline: 8 Apr 2027; 16 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL6-2027-01-CIRCBIO-02**

  Enhancing ecodesign and circularity of construction products

  Summary: Develop, test, and demonstrate ecodesigned construction materials and products that enable durability, reuse, repair, disassembly, recyclability, and high-quality recycled content. Identify and recommend effective mechanisms and incentives—such as extended guarantees or VAT reductions—to reward circular design and overcome related trade-offs.

  Budget: €10M
  Deadline: 22 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL6-2027-01-CIRCBIO-04**

  Capacity building for extending product lifecycles through repair and refurbishment

  Summary: Develop modular, scalable training and accessible repair/refurbishment services to extend product lifecycles across electronics, furniture, textiles and footwear, supporting a circular economy and sustainable consumption. Evaluate the environmental, social and economic impacts of these solutions to demonstrate their contribution to climate, biodiversity, and inclusive access goals.




Budget: €9M
Deadline: 22 Sep 2027
Type of Action: RIA (Research and Innovation Actions)
Link

- **HORIZON-CL6-2027-01-CIRCBIO-06**

  Towards a Europe of Bioeconomy Places

  Summary: Define what qualifies a “Bioeconomy Place” and pilot the concept in multiple regions— including one in Ukraine—by developing benchmarks, governance structures, capacity-building, and investment-ready plans that enable sustainable, circular, locally rooted bioeconomy transitions. Mobilise multi-stakeholder partnerships to map resources and needs, strengthen skills and entrepreneurship, and create policy and financing pathways that support environmentally, socially and economically sustainable bioeconomy solutions.

  Budget: €12M
  Deadline: 22 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL6-2027-01-CIRCBIO-07**

  Improving biomass flows for a sustainable and circular bioeconomy

  Summary: Develop and scale business models, platforms, and technological innovations that enable efficient aggregation, pre-treatment, and valorisation of under-utilised biomass and bio-waste, strengthening local-to-EU bioeconomy value chains. Create tools and recommendations to optimise bio-waste logistics, traceability, and ecosystem-friendly resource use, while engaging communities and authorities to ensure socially, environmentally and economically sustainable biomass valorisation.

  Budget: €14M
  Deadline: 22 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL6-2027-01-CIRCBIO-09**

  Increasing the circularity of bio-based sector: upcycling and recycling for higher value and environmental benefits

  Summary: Develop and scale safe, sustainable, circular bio-based materials, products, and value chains—supported by digital tools, upgraded bio-waste valorisation solutions, and a digital marketplace—to boost biomanufacturing and resource circularity in key sectors.



Provide actionable recommendations to strengthen bio-based value chains by addressing regulatory, financial, skills and standards needs across urban, rural and coastal contexts.

Budget: €12M
Deadline: 22 Sep 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-CL6-2027-01-CIRCBIO-03**

  Developing novel recycling technologies for complex plastic materials applying biotech solutions

  Summary: The topic supports the European Green Deal, the Regulation on Packaging and Packaging Waste, the Waste Shipment Regulation, the Ecodesign for Sustainable Products Regulation and its working plan, the upcoming Circular Economy Act and contributes to Europe's efforts to develop a single market for sustainable products. It also contributes to the new EU bioeconomy strategy, the Life Sciences Strategy and the EU Biotech Act and is relevant to the European Commission's communication: 'Building the future with nature: Boosting Biotechnology and Biomanufacturing in the EU'.

  Budget: €10M
  Deadline: 22 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

Clean environment and zero pollution

- **HORIZON-CL6-2027-01-ZEROPOLLUTION-02**

  Developing effective air quality planning strategies through innovative multi-scale modelling

  Summary: Develop integrated, user-friendly multi-scale air-quality modelling chains—extending to micro-scale and temporal dynamics—to more accurately simulate pollutant behaviour from regional to street level and indoors-to-outdoors, enabling effective air-quality planning. Improve, harmonise, and validate high-resolution models and datasets, and provide guidelines to support Air Quality Plans, Roadmaps, and monitoring-network design under the revised EU Ambient Air Quality Directive.

  Budget: €12M
  Deadline: 22 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link



Land, ocean and water for climate action

- **HORIZON-CL6-2027-02-CLIMATE-01-two-stage**

  Open topic: Innovative solutions for the European Water Resilience Strategy

  Summary: Develops breakthrough innovation for the European Water Resilience Strategy across three areas: restoring water cycles through retention solutions and climate-resilient infrastructure; advancing water-smart economies via efficiency indicators, sustainable pricing, and circular reuse; and ensuring equitable water access for vulnerable groups while improving participation and water footprint methodologies. Projects must employ multi-actor approach with stakeholder involvement and demonstrate testing and validation of solutions.

  Budget: €11M
  Deadline: 8 Apr 2027; 14 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

Resilient, inclusive, healthy and green rural, coastal and urban communities

- **HORIZON-CL6-2027-03-GOVERNANCE-04**

  AI supporting informed advice for farmers and foresters to improve competitiveness and sustainability

  Summary: The call supports the development and testing of AI-based solutions to provide tailored advice and decision-support tools for farmers, foresters and agricultural advisors. Projects should harness existing data sources and digital technologies to improve productivity, sustainability and resilience in the agriculture and forestry sectors, while ensuring that solutions are accessible, trustworthy and responsive to end-user needs. A strong multi-actor approach is encouraged, involving researchers, technology providers, SMEs and rural stakeholders in the co-design, validation and uptake of innovative digital tools.

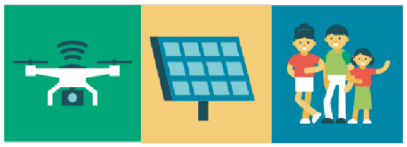
  Budget: €11.8M
  Deadline: 11 May 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-CL6-2027-03-GOVERNANCE-01**

  Strengthening the resilience of European farmers through improved capacity in coping with risks and crises

  Summary: The call supports research and innovation projects aimed at strengthening the resilience of farming systems in the face of growing environmental, economic, health and



geopolitical risks. Funding is available for initiatives that develop and test integrated risk and crisis management strategies, improve preparedness and adaptive capacity, and promote fairer risk-sharing mechanisms across agri-food value chains. A strong multi-actor approach is encouraged, bringing together farmers, researchers, policymakers and industry stakeholders to identify practical solutions and support long-term resilience in European agriculture.

Budget: €12M
Deadline: 11 May 2027
Type of Action: RIA (Research and Innovation Actions)
Link

- **HORIZON-CL6-2027-02-COMMUNITIES-01**

  Strengthening rural communities' resilience to shocks

  Summary: Strengthen rural resilience by assessing shocks affecting livelihoods and well-being, measuring communities' recovery capacity, and co-creating inclusive, anticipatory governance and adaptation strategies with women, youth and vulnerable groups. Equip all levels of government with evidence-based insights and community-designed solutions to better anticipate, prepare for and respond to climate, environmental, socio-economic and infrastructural disruptions in rural areas.

  Budget: €15M
  Deadline: 23 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-CL6-2027-02-COMMUNITIES-02**

  Empowering local urban food systems entrepreneurship and innovation

  Summary: Develop and pilot decentralised food-innovation incubators, accelerators and hubs that empower entrepreneurship and co-create sustainable, climate-smart urban food-system solutions with strong support, mentoring and access to capital. Use these local pilots to drive wider urban food-system transformation by enabling market uptake, scaling and replication across the EU, while connecting to existing R&I initiatives and assessing sustainability impacts.

  Budget: €12M
  Deadline: 23 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link




MISSIONS Work Programme 2026–2027

- **HORIZON-MISS-2027-05-SOIL-02-two-stage**

  Living Labs for co-creating solutions to reduce eutrophication from agriculture

  Summary: The topic aims to reduce eutrophication by improving soil health and nutrient management through a network of soil living labs focused on river catchments affected by nutrient pollution. Projects should establish living labs across multiple countries to co-design, test, and monitor locally adapted solutions that reduce nutrient losses, improve soil functions, and protect freshwater ecosystems. The results should support long-term soil health improvement, identify exemplary lighthouse sites, and contribute to the objectives of the Mission Soil through scalable and transferable solutions.

  Budget: €24M (~€12M/project; ~2 projects expected)
  Deadline: 08 Apr 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-MISS-2027-05-SOIL-05-two-stage**

  Innovative biotechnologies to restore soil health and improve agricultural competitiveness and resilience

  Summary: The topic aims to develop and scale up biotechnology-based solutions, particularly those leveraging the soil microbiome, to restore soil health, increase productivity, and address soil degradation across diverse environmental conditions. Projects should tackle challenges such as soil contamination, low soil organic carbon, poor soil structure, and reduced biodiversity, while improving water retention, nutrient availability, and sustainable biomass production.

  Budget: €12.8M (~€6.4M/project; ~2 projects expected)
  Deadline: 08 Apr 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-MISS-2027-03-OCEAN-01**

  Increasing riparian and coastal areas resilience to climate change, including in waterfront cities and islands

  Summary: The topic aims to strengthen the climate resilience of riparian and coastal areas, including waterfront cities and islands, through innovative and nature-based solutions that protect ecosystems, biodiversity, and local communities.

  Budget: €35.7M (~€8-9M/project; ~4 projects expected)

After finding your call or project idea, you can indicate your interest through **this form**.
Based on your responses, PIONEER will organise targeted networking and info sessions to help shape strong collaborative processes!




Deadline: 21 Sep 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-MISS-2027-01-CLIMA-02**

  Researching and applying the potential of Artificial Intelligence to foster climate resilience at the regional and local levels

  Summary: The topic aims to leverage advanced Artificial Intelligence solutions to support climate adaptation by improving either data accessibility for decision-makers or sector-specific adaptation strategies. Projects should develop and test innovative AI tools with regional and local authorities, helping them better understand climate data, manage resources, and strengthen resilience in sectors such as agriculture, energy, water, transport, or buildings.

  Budget: €12M (~€3M/project; ~4 projects expected)
  Deadline: 21 Sep 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-MISS-2027-03-OCEAN-04**

  Towards community-driven business models: coastal and freshwaters sustainable tourism

  Summary: Activities under this topic will contribute to the achievement of the Mission “Public mobilisation and engagement” actions by fostering community involvement, awareness and citizen participation to amplify impact, accelerating the uptake of community-led initiatives, anticipating and planning future investments for sustainable tourism. These activities should consider the specific needs and challenges of diverse individuals and groups in local communities, including groups in a vulnerable situation, with a focus on promoting gender equality and non-discrimination addressing the intersectionality with poverty and social exclusion.

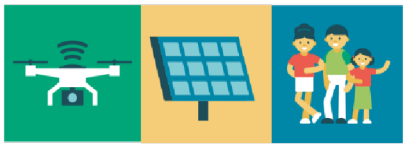
  Budget: €6M (~€1-1.5M/project; ~4-6 projects expected)
  Deadline: 21 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-MISS-2027-01-CLIMA-01**

  Demonstrating transformative solutions to increase cross-border climate resilience

  Summary: The topic aims to strengthen climate resilience in cross-border regions by developing and demonstrating coordinated solutions to shared climate risks such as floods,



droughts, wildfires, storms, and sea-level rise. Projects should improve cross-border governance, risk assessment, monitoring, and adaptation planning, including common approaches to risk classification and acceptable risk levels. Priority should be given to nature-based and ecosystem-based solutions that can be integrated into regional and national adaptation strategies.

Budget: €72.32M (~€10-15M/project; ~5-7 projects expected)
Deadline: 21 Sep 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-MISS-2027-04-CIT-CCRI-04**

  Advancing circular logistics solutions in cities

  Summary: The topic aims to reduce waste and environmental impacts in urban logistics by promoting circular economy solutions based on reusable, recyclable, and modular packaging and loading systems. Projects should develop and test digital tools using technologies such as IoT, AI, edge computing, and data-sharing platforms to optimise packaging use, logistics operations, and reverse logistics processes.

  Budget: ~€5–7M (1–2 projects)
  Deadline: 07 Oct 2027
  Type of Action: IA (Innovation Action)
  Link

- **HORIZON-MISS-2027-04-CIT-05**

  Boosting the transformation towards climate-neutral cities, the net-zero economy and open strategic autonomy through Pre-Commercial Procurement (PCP)

  Summary: The topic aims to reduce waste and environmental impacts in urban logistics by promoting circular economy solutions based on reusable, recyclable, and modular packaging and loading systems. Projects should develop and test digital tools using technologies such as IoT, AI, edge computing, and data-sharing platforms to optimise packaging use, logistics operations, and reverse logistics processes.

  Budget: ~€26,82M (2–4 projects)
  Deadline: 07 Oct 2027
  Type of Action: Pre-commercial Procurement
  Link



- **HORIZON-MISS-2027-04-CIT-05**

  Boosting the transformation towards climate-neutral cities, the net-zero economy and open strategic autonomy through Pre-Commercial Procurement (PCP)

  Summary: By closing the gap between supply and demand in a way that reinforces EU open strategic autonomy, PCPs can make a key contribution to enhancing the European Union's economy and competitiveness. In order to master the green and digital transition and make our cities climate-neutral and liveable places, European public procurers need to lead by example by procuring more solutions to reduce greenhouse gas and air pollutants emissions. This topic therefore focuses on forward looking procurement of R&D to bring to the market new solutions to reduce greenhouse gas and air pollutants emissions that can increase Europe's resilience and preparedness to tackle the climate challenge.

  Budget: ~€26,82M (2–4 projects)
  Deadline: 07 Oct 2027
  Type of Action: Pre-commercial Procurement
  Link

- **HORIZON-MISS-2027-04-CIT-03**

  Inclusive and climate resilient multimodal passenger hubs enhancing modal shift towards sustainable transport and shared mobility

  Summary: This topic focuses on climate resilience of major multimodal passenger hubs' infrastructures and services within and between cities as well as peri-urban and rural areas. At least three demonstrators per project are required. As defined in the revised TEN-T regulation, 'multimodal passenger hub' means a connection point between at least two transport modes for passengers, where travel information, access to public transport and transfers between modes are ensured, such as park-and-ride stations, and which acts as an interface within and between urban nodes and between urban nodes and longer-distance transport networks.

  Budget: ~€20M (2-3 projects)
  Deadline: 07 Oct 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-MISS-2027-04-CIT-03**

  Inclusive and climate resilient multimodal passenger hubs enhancing modal shift towards sustainable transport and shared mobility

  Summary: This topic focuses on climate resilience of major multimodal passenger hubs' infrastructures and services within and between cities as well as peri-urban and rural areas.




At least three demonstrators per project are required. As defined in the revised TEN-T regulation, 'multimodal passenger hub' means a connection point between at least two transport modes for passengers, where travel information, access to public transport and transfers between modes are ensured, such as park-and-ride stations, and which acts as an interface within and between urban nodes and between urban nodes and longer-distance transport networks.

Budget: ~€20M (2-3 projects)
Deadline: 07 Oct 2027
Type of Action: IA (Innovation Actions)
Link

Joint Calls

- **HORIZON-MISS-2027-07-CLIMA-CIT-NEB-01**

  Urban nature: supporting restoration of urban ecosystems, along urban transport networks and in the built environment

  Summary: The topic aims to increase and maintain urban green spaces and tree canopy cover to improve climate resilience, biodiversity, air and water quality, and citizens' health and well-being. Projects should develop and demonstrate innovative greening solutions in at least two pilot cities, involving local communities and addressing barriers such as infrastructure constraints, water scarcity, and tree survival.

  Budget: €40M (~€10M/project; ~4 projects expected)
  Deadline: 22 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-MISS-2027-07-CLIMA-CIT-CCRI-02**

  Deploying innovative wastewater management, treatment and valorisation solutions in European cities and regions in the context of climate change

  Summary: This topic supports the implementation of the EU Mission Climate-Neutral Smart Cities, EU Mission on Adaptation to Climate Change as well as the EU Circular Cities and Regions Initiative (CCRI). It aims to support the water sector in European cities and regions in accelerating their climate neutral, climate resilient and circular transition.

  Budget: €28M (~€9.5M/project; ~3 projects expected)
  Deadline: 22 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

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NEB Work Programme 2026–2027

- **HORIZON-NEB-2026-01-REGEN-01**

  Sustainable, inclusive, affordable and beautiful solutions for thermal comfort in buildings

  Summary: The call supports innovative solutions to improve thermal comfort in buildings while enhancing sustainability, affordability and architectural quality. Projects should test approaches based on bioclimatic design, nature-based solutions, frugal innovation and traditional building knowledge across different European contexts. Particular emphasis is placed on climate resilience, social inclusion and the replicability of solutions.

  Budget: ~€12M (~3M per project)
  Deadline: 01 Dec 2026
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-NEB-2026-01-REGEN-02**

  Advancing sustainable maintenance and repair measures for existing buildings

  Summary: This call focuses on innovative solutions for the sustainable maintenance and repair of existing buildings, aiming to extend their lifespan and reduce environmental impacts. Projects should develop predictive tools and low-impact maintenance approaches applicable to a wide range of building types, including heritage assets and social housing. Circular economy principles and user engagement are key elements of the expected approach.

  Budget: ~€8M (~4M per project)
  Deadline: 01 Dec 2026
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-NEB-2026-01-REGEN-03**

  Innovative solutions for the sustainable and beautiful use of vertical space

  Summary: This call supports innovative solutions for the sustainable use of underutilised vertical spaces above buildings and streets to address housing shortages while preserving land and biodiversity. Projects should develop and demonstrate approaches that create affordable housing, green spaces or multifunctional urban environments, integrating circular economy principles and assessing their environmental, social and economic impacts. Particular attention is given to reducing land consumption, addressing regulatory and societal barriers, and ensuring that densification contributes positively to neighbourhood quality and resilience.

After finding your call or project idea, you can indicate your interest through **this form**.
Based on your responses, PIONEER will organise targeted networking and info sessions to help shape strong collaborative processes!




Budget: ~€15M (~3M per project)
Deadline: 01 Dec 2026

Type of Action: IA (Innovation Actions)
Link

- **HORIZON-NEB-2026-01-REGEN-03**

  Innovative solutions for the sustainable and beautiful use of vertical space

  Summary: This call supports innovative solutions for the sustainable use of underutilised vertical spaces above buildings and streets to address housing shortages while preserving land and biodiversity. Projects should develop and demonstrate approaches that create affordable housing, green spaces or multifunctional urban environments, integrating circular economy principles and assessing their environmental, social and economic impacts. Particular attention is given to reducing land consumption, addressing regulatory and societal barriers, and ensuring that densification contributes positively to neighbourhood quality and resilience.

  Budget: ~€15M (~3M per project)
  Deadline: 01 Dec 2026
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-NEB-2026-01-PARTICIPATION-01**

  Addressing homelessness through housing-led approaches aligned with the New European Bauhaus

  Summary: This call supports the development and testing of housing-led approaches to address homelessness through stable, inclusive and climate-resilient housing solutions. Projects should combine permanent access to housing with tailored support services, community integration measures and strategies aligned with the green transition. Particular emphasis is placed on co-creation with people experiencing homelessness, the removal of barriers to housing access, and the generation of evidence to support the replication of successful models across different European contexts.

  Budget: ~€12.6M (~2M per project)
  Deadline: 01 Dec 2026
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-NEB-2026-01-PARTICIPATION-02**

  Innovative approaches for the spatial design of neighbourhoods




Summary: This call supports innovative solutions for the sustainable use of underutilised vertical spaces above buildings and streets to address housing shortages while preserving land and biodiversity. Projects should develop and demonstrate approaches that create affordable housing, green spaces or multifunctional urban environments, integrating circular economy principles and assessing their environmental, social and economic impacts. Particular attention is given to reducing land consumption, addressing regulatory and societal barriers, and ensuring that densification contributes positively to neighbourhood quality and resilience.

Budget: ~€10M (~2M per project)
Deadline: 01 Dec 2026
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-NEB-2026-01-PARTICIPATION-03**

  Understanding inhabitant's experiences of neighbourhoods to support their health and well-being

  Summary: This call supports research and innovation projects exploring how people experience and perceive their neighbourhoods, and how these experiences influence health, well-being and sense of belonging. Projects should generate robust and comparable evidence across different social groups and territorial contexts, including urban, peri-urban and rural areas. The results are expected to inform neighbourhood regeneration strategies and public policies that promote more inclusive, resilient and climate-adaptive communities while enhancing quality of life and social cohesion.

  Budget: ~€15M (~3M per project)
  Deadline: 01 Dec 2026
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-NEB-2027-01-REGEN-02**

  Intergenerational neighbourhoods and communities aligned with the New European Bauhaus

  Summary: This topic will support the development of intergenerational neighborhoods and communities that better address the needs of the different age groups, while simultaneously tackling various local challenges (including, but not limited to the demographic transition, climate change, pollution, biodiversity loss, loss of cultural heritage, feelings of insecurity).

  Budget: ~€10.5M (~5.25M per project)
  Deadline: 01 Dec 2027




Type of Action: IA (Innovation Actions)
Link

- **HORIZON-NEB-2027-01-PARTICIPATION-01**

  The transformative potential of co-governance in the green transition of neighbourhoods

  Summary: This topic will investigate how co-governance can support a fair green transition in neighbourhoods while also provoking positive changes in society, culture, the arts, the natural environment as well as the public perception and reputation of those neighbourhoods.

  Budget: ~€10.76M (~5.38M per project)
  Deadline: 01 Dec 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-NEB-2027-01-REGEN-01**

  Combining conventional and innovative construction materials, products and techniques for sustainable and beautiful buildings

  Summary: The topic aims to develop innovative hybrid building solutions that combine conventional construction materials and techniques with emerging sustainable alternatives, such as bio-based, circular, 3D-printed, or traditional materials. Projects should create scalable and replicable solutions applicable to both new buildings and renovations, improving construction efficiency while complying with safety standards and incorporating circularity principles.

  Budget: ~€12M (~4M per project)
  Deadline: 01 Dec 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

- **HORIZON-NEB-2027-01-REGEN-01**

  Revitalising neighbourhoods around existing railway and motorway corridors

  Summary: Projects should develop and demonstrate integrated packages of measures to revitalise affected areas, implementing them in three different settings—urban, peri-urban, and rural—across multiple countries. The effectiveness of these measures must be assessed through environmental, economic, social, and health indicators, while identifying regulatory and practical barriers to implementation. Proposals should ensure the scalability and replicability of the solutions by producing guidance, best practices, and recommendations for municipalities and other stakeholders, in line with the principles of the New European Bauhaus.



Budget: ~€11M (~5.5M per project)
Deadline: 01 Dec 2027
Type of Action: IA (Innovation Actions)
Link

- **HORIZON-NEB-2027-01-BUSINESS-01**

  Mass customisation of offsite manufactured modular construction components to transform the existing built environment

  Summary: Solutions to transform the existing built environment in line with the New European Bauhaus (NEB) have typically been at smaller, individual scale so far. The wider uptake and adaptation of such solutions require a manufacturing approach that is efficient, affordable, and accessible while at the same time being adaptable to different local needs and contexts. Better understanding and demonstration are required of the potential, applications, and scalability of solutions for offsite manufactured modular construction components that can be customised to the existing built environment in line with NEB.

  Budget: ~€10M (~5.5M per project)
  Deadline: 01 Dec 2027
  Type of Action: IA (Innovation Actions)
  Link

- **HORIZON-NEB-2027-01-PARTICIPATION-03**

  Novel combinations of knowledge and research methods to address social issues and advance a fair green transition of neighbourhoods

  Summary: Social challenges (e.g. access to affordable housing, energy poverty, access to quality green spaces) impact the quality of life, health and well-being of individuals and communities in neighbourhoods and influence how inhabitants experience and engage with the green transition. Advancing the green transition requires approaches that consider these varied experiences and ensure airness and inclusion of all. However, the know-how of local communities and other non-scientific actors remains underexplored when it comes to generating and/or validating solutions to advance the green transition. This topic focuses on innovative approaches for combining knowledge from local communities and non-scientific actors with scientific knowledge and/or formal research methods to address social issues that influence the green transition in neighbourhoods.

  Budget: ~€14M (~3.5M per project)
  Deadline: 01 Dec 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link




- **HORIZON-NEB-2027-01-PARTICIPATION-03**

  Anticipating the long-term future of neighbourhoods in line with the New European Bauhaus

  Summary: The topic aims to develop participatory foresight approaches that help communities and local authorities plan, design, and revitalise neighbourhoods with a long-term perspective, in line with the principles of sustainability, inclusion, and quality of life. Projects should analyse future socioeconomic, demographic, cultural, and climate trends, and use these insights to co-create scenarios, visions, targets, and action plans for neighbourhood development.

  Budget: ~€7M (~3.5M per project)
  Deadline: 01 Dec 2027
  Type of Action: RIA (Research and Innovation Actions)
  Link

Joint Topic

- **HORIZON-NEB-2027-02-NEB-SOIL-01**

  Reducing soil sealing through sustainable urban and territorial design in the New European Bauhaus

  Summary: The topic aims to develop and demonstrate regenerative, nature-based solutions that reduce soil sealing, restore soil health, enhance biodiversity, and improve climate resilience. Projects should validate these solutions in urban, peri-urban, and rural areas through participatory approaches and cross-sector collaboration. The results must support large-scale replication, innovative financing, and policy uptake, contributing to the goals of the New European Bauhaus and the A Soil Deal for Europe.

  Budget: ~€15M (~7.5M per project)

  Deadline: 15 Sep 2027
  Type of Action: IA (Innovation Actions)
  Link

FOREST Joint Call 2026

FORESTPathways – Building Knowledge and Solutions for Resilient Forests and Sustainable Forest-Based Futures

Summary: The call funds transnational research and innovation projects addressing climate-resilient forest systems, adaptive and multifunctional forest management, innovative timber and wood-based products, and forest value chains, markets and governance. Projects are




expected to foster interdisciplinary collaboration and contribute to the sustainable transition of forest-based sectors.

Budget: Up to €40M total, including EU co-funding.

Expected contribution per project: Varies by national funding organisation.

Deadline: 2 Dec 2026, 13:00 CET (pre-proposal); 2 Jun 2027 (full proposal, by invitation).

Type of Action: Transnational Research and Innovation Projects (co-funded European Partnership)

Link

SBEP – Fourth Joint Transnational Co-funded Call 2026

Building a Sustainable and Innovative Blue Economy: Mastering Digital Opportunities and Fostering Resilience

Summary: The call supports transnational research and innovation projects across four priority areas: sustainability and competitiveness of blue economy sectors; ecosystem-based management of marine uses; sustainable marine bioresources; and resilience of coastal communities, infrastructure and maritime activities to climate and environmental risks. It promotes interdisciplinary approaches and digital innovation.

Budget: Approximately €38M total.

Expected contribution per project: Subject to the funding ceilings and eligibility rules of participating national and regional funding organisations.

Deadline: 16 Nov 2026 (pre-proposal); 14 Jun 2027 (full proposal, by invitation).

Type of Action: Transnational Research and Innovation Projects (co-funded European Partnership).

Link