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## Monitoring of calls for proposals

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October 2022

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## 1 \ NEW FUNDING OPPORTUNITIES IDENTIFIED IN OCTOBER 2022

### 1.1 \ CEF programs

#### 1.1.1 \ Energy

N/A

#### 1.1.2 \ Transport

##### CEF-T-2022-SAFEMOBOEN-ROADSAFETY-WORKS: Road safety - studies, works or mixed

Deadline	18/01/2023
TRL	Study
Consortium	n/a
Budget	Budget: projects of any budget are admitted (recommended > 1M€) Funding rate: maximum 85%
Topics	Transport, infrastructure
<p>This topic aims to modernize transport infrastructure on the Core and Comprehensive Networks of the TEN-T (Trans-European Transport Network).</p> <p>In other words, the Project will support studies and / or works related to upgrading <b>existing road sections</b> of the core and comprehensive network road infrastructure with poor safety ratings or high accident occurrences, to increase their safety.</p> <p>It supports the <b>deployment of digital infrastructure</b> if it aims to improve road safety and tunnel safety or if it supports authorities in enforcing road safety. Systemic improvements to the in-built safety of roads will be supported, if the intervention is based on findings of the targeted road safety inspections or network-wide road safety assessments.</p>	
More information	<a href="#">Website for the call for proposals</a>

##### CEF-T-2022-SIMOBGEN-DATA-WORKS: data - studies, works or mixed

Deadline	18/01/2023
TRL	Study
Consortium	n/a
Budget	Budget: projects of any budget are admitted (recommended > 1M€) Funding rate: maximum 85%
Topics	Data, transport, traffic
<p>This topic aims to modernize transport infrastructure on the Core and Comprehensive Networks of the (Trans-European Transport Network).</p> <p>In other words, it will support studies and / or works related to projects <b>supporting the creation, collection, management, sharing and dissemination of accurate and up-to-date transport, traffic and travel data</b> for all modes. Projects will enable interoperability and ensure the <b>digitization of the related processes</b>.</p> <p>This call covers projects related to increasing <b>data availability on transport safety</b>, regulating access to urban vehicles, collaborative logistics and multimodal travel. It aims to make them available to the public and/or private actors concerned, particularly <b>for mobility and traffic management purposes</b> and for implementing sustainable urban mobility indicators (SUMI).</p>	
More information	<a href="#">Website for the call for proposals</a>

### 1.1.3 \ Digital

See section: 2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED

### 1.2 \ Digital Europe

See 2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED

DIGITAL-2022-CLOUD-AI-03-DS-MOBILITY: Data space for mobility (deployment)	
Deadline	24/01/2023
TRL	n/a
Consortium	Collaborative Project with data providers and mobility data users, both public and private including at least cities or regions in three different eligible countries (i.e. Member States or Associated countries) and business(es) in the mobility and transport sector.
Budget	Indicative budget for the topic: 8M€
Topics	Mobility, data
<p>Activities in this topic will pilot and contribute to developing the <b>common European mobility data space</b> defined in the topic "Data space for mobility (deployment)", to develop innovative services and applications and support policymaking by helping make available, share and reuse data. Data will be related to sustainable urban mobility indicators (SUMI) and traffic and travel information in urban and regional areas.</p> <p>The action will support the deployment of operational data space to make data available and accessible while sharing it in a controlled and secure way from at least two of the areas:</p> <ol style="list-style-type: none"> <li>1. Support <b>sustainable urban mobility planning and management</b> while enabling innovative services and applications. Proposals shall make available and accessible in machine-readable format data for EU sustainable urban mobility indicators, such as greenhouse gas emissions, congestion, road safety, commuting travel times and modal split in line with the EU definition and methodology.</li> <li>2. Make traffic and travel information at the urban level available and accessible in a machine-readable format, in line with the Intelligent Transport Systems (ITS) and European regulations linked to real-time traffic information services</li> </ol>	
More information	<a href="#">Website for the call for proposals</a>

### DIGITAL-2022-SKILLS-03-SPECIALISED-EDU: Specialised education programmes or modules in key capacity areas

Deadline	24/01/2023
TRL	n/a
Consortium	Higher education institutions, private sectors are expected to be part of the call.
Budget	Indicative budget for the topic: 122M€
Topics	Education, capacity, inter-disciplinary, digital, academic

The call aims to increase and improve the offer of education programmes and the number of students specialised in key capacity areas according to a broader geographical spectrum and considering the latest technological developments. It will support cooperation between higher education institutions and the private sector for developing ecosystems of excellence able to train, attract and retain the best digital talents. The action aims at encouraging more inter-disciplinary courses that can equip professionals with relevant advanced digital skills and increase diversity among students and future digital experts.

Activities in this topic will design and deliver a tertiary degree education programme of 60, 90 or 120 academic credits (The European Credit Transfer and Accumulation System - ECTS) by addressing the following topics during the first two years of the Project: Data, Internet of Things (IoT), AI, Blockchain, cybersecurity, HPC, quantum, among others and interdisciplinary courses, including the teaching of the above areas in a non-ICT education field (e.g. AI applications for agriculture or cybersecurity and law etc..).

More information [Website for the call for proposals](#)

### DIGITAL-2022-CLOUD-AI-03-DS-SMART: Data space for smart communities (deployment)

Deadline	09/02/2023
TRL	n/a
Consortium	Collaborative Project with at least independent entities from more than one Member State and involving at least 1 city in each Member State. The consortium should include signatories of the Living-in.eu declaration. Representatives from the public sector at different levels (local, regional, national), industry (mix of global IT service providers and innovative SMEs), academia, civil society and citizens (for example through Citizen Science) are expected.
Budget	Indicative budget for the topic: 18M. Grant for Financial Support: 100% funding rate.
Topics	Data, cities, weather, energy, mobility data space, pollution, Green deal

Activities in this topic will pilot and apply the principles of the data space for smart communities defined in the topic "Preparatory actions for the data space for smart communities", on a large scale and with good geographical coverage to build EU capacity for connecting data from all relevant domains"

The action will support pilots, using data available from the data space for smart communities and propose new ones, which should create added value by creating new data services from at least two of the areas:

1. predictive traffic management/sustainable mobility planning, exploiting synergies with the data available on the mobility data space.
2. data-services related to extreme weather events to facilitate climate change adaptation, risk prevention and disaster resilience.
3. management of energy flows in a city/community-specific context and in conjunction with other sectors;
4. targeting zero pollution (e.g. air, water, soil pollution or waste)
5. Any other domain related to the New European Bauhaus initiative (e.g. building management, urban design)

More information [Website of the call for proposals](#)

### 1.3 \ Horizon EU

HORIZON-MSCA-2022-COFUND-01-01	
Deadline	09/02/2023
TRL	Research and Innovation Actions
Consortium	Doctoral candidates, postdoctoral researchers and organization can participate.
Budget	Budget per Project: n/a Budget for the topic: 95 M€ Programmes will be co-funded by MSCA COFUND.
Topics	Doctoral, programme, research
<p>This call aims to support projects that contribute to a deeper and more diverse set of research-related and transferable skills and competencies. It aims to establish new mindsets and approaches to R&amp;I work forged through interdisciplinary and inter-sectoral experience. It aspires to improve employability and career prospects both within academia and beyond. Organisations participating in the call will be able to strengthen R&amp;I capacity and output while increasing their contributions to the local, regional and/or national socio-economic ecosystems. Proposals for new or existing doctoral or postdoctoral programmes shall impact the enhancement of human resources in R&amp;I at regional, national or international level.</p> <p>The programmes proposed are broad. They may cover all research disciplines ("bottom-up") to give researchers a reasonable choice of subject.</p> <p>COFUND takes the of: (i) Doctoral programmes &amp; (ii) Postdoctoral programmes</p>	
More information	<a href="#">Website for the call for proposals</a>

### 1.4 \ Interreg

N/A

### 1.5 \ IVCDCl

N/A

### 1.6 \ World Bank

N/A

### 1.7 \ Other programs

N/A

## 2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED

### 2.1 \ CEF programs

#### 2.1.1 \ Energy

N/A

#### 2.1.2 \ Transport

N/A

#### 2.1.3 \ Telecom

N/A

#### 2.1.4 \ Digital

N/A

## 2.2 \ Digital Europe

Data space for smart communities (deployment)	
Deadline	Q2 2022 (second call scheduled)
TRL	n/a
Consortium	Collaborative Project with at least independent entities from 3 different eligible countries (member states or affiliated countries)
Budget	Indicative budget for the topic: 18M Budget per Project: 18M (1 project granted) Grant for Support to Third Parties: (50% co-funding rate)
Topics	Data, cities, weather, energy, mobility data space, pollution
<p>Activities in this topic will pilot and apply the principles of the data space for smart communities defined in the topic "Preparatory actions for the data space for smart communities", on a large scale and with good geographical coverage, to build EU capacity for connecting data from all relevant domains"</p> <p>The action will support pilots, using data available from the data space for smart communities, which should create added value by combining data from at least two of the areas:</p> <ol style="list-style-type: none"> <li>1. predictive traffic management/sustainable mobility planning, exploiting synergies with the data available on the mobility data space.</li> <li>2. data-services related to extreme weather events to facilitate climate change adaptation, risk prevention and disaster resilience.</li> <li>3. management of energy flows in a city/community-specific context and in conjunction with other sectors;</li> <li>4. targeting zero pollution (e.g. air, water, soil pollution or waste)</li> </ol>	
More information	n/a

## 2.3 \ Horizon EU

### 2.3.1 \ 2022

HORIZON-CL3-2022-DRS-01-05: Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas	
Deadline	23/11/2022
TRL	Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the Project
Consortium	Collaborative Project
Budget	Budget per Project: 5 M€ Budget for the topic: 10 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Data, first responders, geological events
<p>This call aims to <b>enhance risk and crisis assessment and preparedness to natural hazards</b>. The Project should <b>rely on tools using different types of data, information and forecasts (e.g. meteorological data, physical data related to geohazards and climate projections etc.)</b> which may enable to anticipate the occurrence of disasters. Based on the legacy of existing solutions, further developments are required to compare impact forecasting and early warning approaches at international level.</p>	
More information	<a href="#">Website for the call for proposals</a>

### HORIZON-CL3-2022-BM-01-04 / HORIZON-CL3-2022-BM-01-04 and 05 : Open topic

Deadline	23/11/2022
TRL	Horizon-CL3-2022-BM-01-04 TRL 5 by the end of the Project Horizon-CL3-2022-BM-01-05: TRL 7 by the end of the Project
Consortium	Collaborative Project with at least 1 independent legal entity established in a MS, and two independent legal entities established in different member states or associated countries. This topic requires the involvement of at least 2 Border or Coast Guards Authorities and 2 Customs Authorities, from at least 3 different EU MS or Associated countries.
Budget	Budget per Project: 3,5M Horizon-CL3-2022-BM-01-04 (Research and Innovation Action) <b>Funding rate: 100%</b> Horizon-CL3-2022-BM-01-05 (Innovation Action) <b>Funding rate: 70%</b>
Topics	External borders, security, surveillance

Under the Open topic, proposals are welcome to address new, upcoming or unforeseen challenges and/or creative or disruptive solutions within the **Destination « Effective management of EU external borders »**. They should cover topics that are not covered by other calls. Projects should aim at ensuring strong European land, air and sea external borders. This includes strong capabilities for checks at external borders, providing integrated and continuous order surveillance, supporting future technology for the European Border and Coast Guard, supporting the interoperability and performance of EU data exchange and analysis IT systems, supporting better risk detection, incident response and crime prevention and updating maritime security management. **The use of Copernicus for earth observation is encouraged.**

The expected results are :

- improved security of EU land, air and sea borders against accidents, **natural disasters** and security challenges such as illegal trafficking, piracy and potential terrorist attacks, cyber and hybrid threat
- improved border crossing experience for travellers and authorities staff while maintaining security and monitoring of movements across air, land and sea.
- Improved customs and supply chain security thought better prevention, detection, deterrence and fight of illegal activities

More information	<a href="#">Horizon-CL3-2022-BM-01-04, Horizon-CL3-2022-BM-01-05</a>
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#### HORIZON-CL3-2022-DRS-01-07: Improved international cooperation addressing first responder capability gaps

Deadline	23/11/2022
TRL	N/a
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and two independent legal entities established in a different member states or associated countries. <b>3 first responders' organizations or agencies from at least 3 different EU or Associated countries</b>
Budget	Budget per Project: 5M. Funding rate: 100%
Topics	Monitoring, risks, emergency, first responders, data

Under this topic, proposals should address one or several of the following capability gaps of first responders:

- The ability to know the location of responders and their proximity to risks and hazard in real time
- The ability to detect, monitor, and analyze passive and active threats and hazards at incident scenes in real time
- The ability to monitor the physiological signs of emergency responders
- The ability to incorporate information from multiple sources into incident command operations
- The ability to create actionable intelligence based on data and information from multiple sources

Among the expected impacts are improved real-time detection, tracking and analysis of different situations, more efficient command operations and an enhanced European interoperability for different types of first responders.

More information	<a href="#">Website for the call for proposals</a>
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### HORIZON-CL3-2022-DRS-01-05: Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas

Deadline	23/11/2022
TRL	TRL6-8
Consortium	Collaborative Project with at least <b>1 independent legal entity established in a Member State, and two independent legal entities established in different member states or associated countries.</b> (including, <b>African and South Mediterranean members</b> ). This topic requires a multidisciplinary consortium with representatives of scientific areas, practitioners, and representatives of local and regional management authorities.
Budget	Budget: 10M Budget per Project: 5M Funding rate: 70%
Topics	Data, first responders, extreme events, geological disasters
<p>The aim of this topic is to design EU-wide decision-support and information systems supporting planning authorities and civil protection agencies in the <b>rapid deployment of first responders and communication to citizens in vulnerable areas in the case of extreme climate events or geological disasters</b>. Proposals should design a European-scale multi-hazard platform, taking into account existing developments at EU level and available space information, in order to facilitate the identification of expected natural hazards with great specificity in time and space. This platform development might be prone to international cooperation. <b>The proposals should improve measures and technologies that are needed to better plan for extreme climate events and geological disasters, reduce risks, as well as manage the immediate consequences of natural disasters, in particular regarding emergency responses.</b></p>	
More information	<a href="#">Website for the call for proposals</a>

### HORIZON-CL3-2022-DRS-01-03: Improved quality assurance / quality control of data used in decision-making related to risk management of natural hazards, accidents and CBRN events

Deadline	23/11/2022
TRL	Innovation Actions – TRL6 – 8 at the end of the Project
Consortium	Collaborative Project which requires the active involvement, as beneficiaries, of at least <b>5 accredited measurement institutes/laboratories from at least 3 different EU Member States or Associated countries</b> , in charge of delivering data to risk management decision-making authorities.
Budget	Budget per Project: 5 M€ Budget for the topic: 10 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Data for risk, risk management, etc.
<p>Projects' results are expected to contribute to the following outcomes:</p> <ul style="list-style-type: none"> <li>• Evaluation of Quality Assurance / Quality Control (QA/QC) needs in areas not prone to systematic quality checks prior to decision-making in the natural hazards and CBRN-E areas, for physical, chemical and biological parameters.</li> <li>• Based on past experience, <b>organized intercomparisons among laboratories and institutes at EU level which are in charge of providing data for risk- and evidence-based decision-making in order to evaluate the comparability of data produced worldwide.</b></li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

### HORIZON-CL3-2022-DRS-01-08: Enhanced situational awareness and preparedness of first responders and improved capacities to minimize time-to-react in urban areas in the case of CBRN-E-related events

Deadline	23/11/2022
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the Project
Consortium	Collaborative Project with the active involvement, as beneficiaries, of <b>at least 3 first responders' organizations or agencies from at least 3 different EU Member States or Associated countries</b>
Budget	Budget per Project: 5 M€ Budget for the topic: 11 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	First responders, emergency planning, security
<p>This call aims to address <b>first responders' needs</b> that require innovative actions resulting in technological, institutional and capacity-building solutions. These solutions should be tailored to the risks, affordable, accepted by citizens, and customized for the (cross-sectoral) needs of practitioners. <b>Innovative solutions are required to enable first responders to get a faster overview of any disaster situation based on the knowledge of past events and prevention actions.</b></p> <p>International cooperation is encouraged, in particular with Japan in the framework of the <b>EU-Japan collaboration</b></p>	
More information	<a href="#">Website for the call for proposals</a>

### HORIZON-CL3-2022-BM-01-01: Improved underwater detection and control capabilities to protect maritime areas and sea harbours

Deadline	23/11/2022
TRL	RIA - Research Innovation Action - Activities are expected to achieve TRL 4-6 by the end of the Project
Consortium	Collaborative Project
Budget	Budget per Project: 6 M€ Budget for the topic: 6 M€ Funding rate: 100%
Topics	Security, transport, environmental monitoring, infrastructures
<p>Projects are expected to contribute to some or all of the following expected outcomes:</p> <ul style="list-style-type: none"> <li>Improved security of maritime infrastructures and maritime transport, including sea harbours and their entrance routes,</li> <li>Improved detection of illicit and dangerous goods and/or of threats hidden below the water surface, either threatening infrastructures or vessels, or moving alone or connected to vessels.</li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

#### 2.3.2 \ 2023-2024

The following calls are extracted from the new draft of the Horizon Europe work programme (2023/2024); some information, such as budget and deadline, is not always available...

### HORIZON-CL6-2023-GOVERNANCE: European Partnership of Agriculture of Data

Deadline	2023
TRL	n/a
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Budget and funding rate to be confirmed
Topics	Agriculture data, governance, knowledge exchange
<p>This call aims to enhance climate, environmental and socio-economic sustainability and productivity of agriculture and strengthen policy monitoring capacities by exploiting the potential of Earth and environmental observation and other data. Proposals are expected to <b>improve agri-environmental monitoring tools and strengthen capacities to assess the status of agri-environmental and climatic conditions</b>. They should promote the use of digital Earth, environmental observations, and applications of digital and data technology to improve climate adaptation and resilience of agriculture. They are expected to <b>develop tools and services that can easily be adopted</b> by farmers, organizations and businesses and to achieve a wide and rapid outreach of the benefits of their use.</p>	
More information	Not available yet

#### HORIZON-CL6-2023-GOVERNANCE: Integrated assessment of land use and biomass demands to contribute to a sustainable healthy and fair bioeconomy

Deadline	2023
TRL	TRL 4
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries. The Joint Research Centre (JRC) may participate as member of the consortium selected for funding
Budget	Indicative budget for the topic: 5 M Budget per Project: 5 M Funding rate: 100%
Topics	Data, land use, land administration,
<p>In this call, proposals should support R&amp;I to improve land-use models, enabling sustainability assessments to achieve better-informed policy- and decision-making processes. They are expected to lead to a better understanding and improved methods for determining the potential and limits of land use and biomass and generate data on land use in selected regions across the EU. These activities should help quantify the contribution of land and biomass use to climate targets.</p>	
More information	Not available yet

#### HORIZON-CL6-2023-GOVERNANCE: Support to EuroGEO initiative coordination/establishing a EuroGEO secretariat

Deadline	2023
TRL	TRL4

Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries. The Joint Research Centre (JRC) may participate as member of the consortium selected for funding
Budget	Indicative budget for the topic: 2 M Budget per Project: 2 M Funding rate: 100%
Topics	Data, space
<p>This call aims to prepare the transition of the existing EuroGEO initiative (Europe's part of the Group on Earth Observations (GEO) - a worldwide network working to build a Global Earth Observation System of Systems (GEOSS)) into a sustainable endeavour by setting up a secretariat.</p> <p>In that sense, proposals should carry out an in-depth investigation resulting in a sustainability plan offering options for the long-term operationalization and sustainability of the EuroGEO initiative. The proposed sustainability plan should include a suggested pathway toward implementation. Proposals should propose actions for the secretariat to strengthen the EuroGEO initiative further, provide support in organizing events and meetings, guide the dialogue with stakeholders, raise awareness about the initiative, and serve as a basis for evidence-informed allocation research funding by monitoring ongoing research funding activities.</p>	
More information	Not available yet

### HORIZON-CL6-2024-GOVERNANCE: Development of applications under the EuroGEO initiative

Deadline	2024
TRL	TRL6-8
Consortium	Collaborative Project with at least 1 independent legal entity established in a MS, and 2 independent legal entities established in different MS or associated countries
Budget	Indicative budget for the topic: 10 M, Budget per Project: 10 M Funding rate: 70%.
Topics	Data, Greenddeal, energy, mobility, GEOSS

The successful proposal will support the delivery of services and solutions developed under the EuroGEO initiative in the context of the thematic areas of the Green Deal. The successful proposal will contribute to the European Green Deal objectives by further deploying and exploiting the use of environmental observations and a **strengthened GEOSS**.

Proposals are expected to contribute to ALL the following outcomes:

- Deliver economic, social and policy value to European citizens through a comprehensive and coordinated suite of services, including a strategy to maintain these services;
- Strengthened links between GEOSS and Copernicus. It includes EU national contributions to and benefits from GEOSS;  
Advancements of the GEO/EuroGEO Digital Ecosystem to take advantage of the wide range of data and services available from different European research infrastructures, citizen science initiatives, and national databases of in-situ observations;  
Exploitation of the large/established European cloud systems (i.e., Copernicus DIAS, European Open Science Cloud).

More information	Not available yet
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### HORIZON-CL6-2024-GOVERNANCE: Develop innovative applications to support the European Green Deal, building on meteorological satellite data

Deadline	2024
TRL	TRL 4
Consortium	Collaborative Project with at least 1 independent legal entity established in a MS, and 2 independent legal entities established in different MS or associated countries. The Joint Research Centre may participate as member of the consortium selected for funding
Budget	Indicative budget for the topic: 9 M Budget per Project: 3 M Funding rate: 100%
Topics	Data, Earth observation, green deal, satellite

This call aims at delivering new environmental information through the exploitation of Earth observations (EO) and promote application development and pre-operational European services through cloud infrastructures. Proposals should build on other missions to design new methods and data products to exploit the synergies across instruments and platforms and showcase pilot services for public and private users. They should **turn existing and future EO measurements into new environmental information**. They should also develop applications using the new environmental data/information within key domains (e.g., **urban and coastal management**, air quality and health, disaster risk reduction, sustainable blue economy and climate adaptation/mitigation). Attention should be given to the European commercial sector's sustained uptake of data/services.

More information	Not available yet
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### HORIZON-CL3-2023-BM-01-01: Capabilities for land border surveillance and situational awareness

Deadline	2023
TRL	TRL4
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Indicative budget for the topic: 28,82 M Budget per Project: 3 M Funding rate: 100%
Topics	Land, border surveillance, security

This call aims at increasing land border surveillance capabilities through more efficient and flexible solutions. Proposals should find **solutions allowing higher interoperability cross-border** among EU and Associated Countries practitioners **in surveillance along land borders**. Examples of technologies and approaches include: networked deployable, and possibly mobile, semi-autonomous surveillance towers; IoT and advanced mesh connectivity; Virtual and Augmented Reality for enhanced C2 and situational awareness; integrated wide-area RPAS management; passive, low-energy systems; artificial intelligence. Equipment and technologies enabling land border surveillance need to contribute to cost and energy efficiency and limit their environmental impact. This may be addressed, for example, by integrating opportunities of circular economy, self-sustained equipment, lower emissions and/or environmental footprints. The proposed solutions should ensure secure data collection, access, encryption and decision support processes.

More information	Not available yet
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### HORIZON-CL3-2024-BM-01-01: Interoperability for border and maritime surveillance and situational awareness

Deadline	2024
TRL	TRL6-8
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Indicative budget for the topic: 29 M Budget per Project: 6 M Funding rate: 70%.
Topics	Data, border surveillance, maritime security

This call aims at. Proposals should allow improved interoperability and, ideally interchangeability that **enables information exchange among authorities using different systems**. The proposed solution(s) can include the design of open architecture C2 systems, including open standards for APIs and data models. They should enable **increasing border surveillance capability, and situational awareness of sea borders and maritime infrastructures, with improved multi-level and cross-border collaboration** simultaneous connection of different sensors (or of different data, or of different assets, depending by the module) by different suppliers, and the visualization and manipulation of the data in a single user interface seamlessly. While the Project will mainly focus on enabling capabilities through interoperability and interchangeability, proposals that aim to advance certain technological components and integrate them into the solution are welcome.

More information	Not available yet
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### HORIZON-CL3-2024-DRS-01-03: From Global to Local: how to strengthen Disaster Risk Reduction cooperation among global organizations and local first and second responders

Deadline	2024
TRL	TRL4
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Indicative budget for the topic: 29 M Budget per Project: 2 M Funding rate : 100%
Topics	Data, risk reduction, first and second responders,
<p>This call relates to Disaster Risk Reduction (DRR), which requires coordination and full engagement across scales and sectors to promote and support the availability and application of science and technology to decision making. Proposals are expected to contribute to some or all of the following outcomes:</p> <ul style="list-style-type: none"> <li>- An inclusive and motivated network bringing together policymakers, industry, academia, practitioners and citizens and relevant actors to support a whole society's approach to DRR at different ;</li> <li>- <b>Disaster risk and resilience map</b></li> <li>- <b>Improving the governance</b> of the expanding system of networks and organizations with an impact on DRR to ensure a constructive, effective, and integrated multilevel DRR governance system that promotes co-design of policies and implementation;</li> <li>- Developing <b>different levels of interactions and a cooperation mechanism</b> from global, national, regional and local organizations and (first and second) responders ;</li> <li>- <b>Shared knowledge and practices</b> on the uptake, adapting and adopting existing knowledge and solutions as concrete contributions to Sendai Framework targets.</li> </ul>	
More information	Not available yet

### HORIZON-CL4-2023/2024-RESILIENCE-01-05: Earth Observation platform for raw materials

Deadline	2023/2024
TRL	n/a
Consortium	Collaborative Project with at least 1 independent legal entity established in a MS, and 2 independent legal entities established in different MS or associated countries
Budget	Budet and funding rate to be confirmed
Topics	Raw materials, mining industry, earth observation, satellite
<p>This call aims at increasing access to primary and secondary raw materials for EU industrial value chains and strategic sectors. Proposals should develop an Earth Observation platform for raw materials to facilitate access to developed EO technologies, products and services to the mining industry and public stakeholders. Projet must:</p> <ul style="list-style-type: none"> <li>- <b>Develop innovative technologies, products and services based on satellite, airborne and in situ Earth Observation data</b>, supporting the whole raw materials value chain, from mineral exploration to post-closure activities;</li> <li>- Improve mineral exploration at the regional scale and target definition at local scale</li> <li>- Monitor the volume and rate of extraction <b>of minerals</b> in opencast mining based on airborne and satellite very high-resolution imagery;</li> <li>- <b>Map and monitor</b> secondary raw materials in the EU ;</li> <li>- <b>Monitor ground stability</b> inactive and/or abandoned mining areas in the EU;</li> <li>- <b>Develop best practices and standards</b> for innovative Earth Observation technologies, products and services in the raw materials life cycle.</li> </ul>	
More information	Not available yet



### HORIZON-CL4-2023[2024]-DATA-01-01: Green data operations and compliance technologies (AI, data and robotics partnership) (IA)

Deadline	2023-2024
TRL	TRL6-8
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Budget to be confirmed. Funding rate: 70%.
Topics	AI, data, robotics

This call aims to provide Common European data spaces and AI data provision with reliable mechanisms to monitor, control, and track/record transactions on data to ensure compliance with the regulation. To this end, proposals should develop, pilot and integrate systems, tools and data economy enablers **that process the increasing data volumes more efficiently, distil more useful knowledge from data, and reduce the large environmental footprint of massive data operations** (e.g. by minimizing data transfers/traffic and/or reducing energy consumption of AI training/machine learning). The technologies should also respond to the emerging needs for practical, affordable and automated compliance tools (e.g privacy preservation, smart contracting, consent management, tracking of uses of data, etc.) and design principles and architectures that are inherently compliant.

More information	Not available yet
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### HORIZON-CL4-2023-SPACE-xx: Copernicus Climate Change Service evolution –Extreme event climate change attribution

Deadline	2023
TRL	TRL5-6
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Budget to be confirmed Funding rate: 100%.
Topics	Data, weather, climate change, earth observation

This call relates to research activities to develop innovative methodologies **to characterize compound and to cascade extreme weather events**, including determining the potential frequency, intensity, and impacts in a changing climate. Proposals are expected to provide tangible results (new or improved products or service elements) for the Copernicus service within 2021-2027. The research should be performed using existing Copernicus datasets for identifying natural hazard events at continental (Europe) and global scales, and existing methods, models, tools and observations available at the different Copernicus Services. The expected results are **the development of innovative and robust methodologies for characterizing the likelihood of occurrence of hazardous events** and developing an appropriate framework for attributing compound, sequences and/or cascading events to climate variability and change.

More information	Not available yet
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### HORIZON-CL4-2023-SPACE-xx: Copernicus evolution for cross-services thematic domains

Deadline	2023
TRL	TRL5-6
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Budget to be confirmed Funding rate: 100%
Topics	Data, Copernicus, earth observation, climate change, biodiversity

This call relates to the development of a proof-of-concept or prototype with a Copernicus based-solution to improve the European capacity :

- to support biodiversity conventions and natural protected areas
- in informing climate adaptation and resilience in different sectors

Proposals should address one of this R&I area. They should include developing tools to support end users in their decision-making activities using Copernicus data and products. Proposals should have the objective **to increase the capabilities and capacity of end-users to use Copernicus data and products**. The involved end-users should provide feedback to the proposed tools on product efficiency, data access, new measurement needs, new applied research topics, societal benefits, and other necessary factors.

More information	Not available yet
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### HORIZON-EUSPA-2024-SPACE-5X: EGNSS - Closing the gaps in mature, regulated and long lead markets (IA)

Deadline	2024
TRL	TRL8-9
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Budget to be confirmed Funding rate : 70%.
Topics	Data, GNSS, rail, sea, road, aviation

This topic aims to deliver concrete pathways to **easier standardization and certification for GNSS use** in regulated markets. Proposals may be submitted in one of the following areas :

- Closing the related standardization and certification gaps for rail safety-critical applications
- EGNSS-supported safe operations and efficient navigation in maritime inland waterways, fisheries and aquaculture sectors
- Addressing potential standardization and certification bottlenecks for the use of EGNSS for road and automotive market safety-related applications
- Applications for the aviation market that require further consolidation (aircraft operations and planning for more efficient and green operations)

With the participation of standardization and certification entities, proposals shall present a solid preliminary overview of the standardization and certification gaps and propose clear steps to address and close them.

More information	Not available yet
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## HORIZON-EUSPA-2023-SPACE-5X Copernicus based applications for businesses and policy making

Deadline	2023
TRL	TRL1-2
Consortium	Collaborative Project with at least 1 independent legal entity established in a Member State, and 2 independent legal entities established in different Member States or associated countries
Budget	Budget and funding rate to be confirmed
Topics	Data, Copernicus, earth observation
<p>Applications will built on Copernicus data and the latest evolutions of the Copernicus services and may combine these with other sources of data or services, to <b>provide larger volume of Earth Observation data</b>, enhance existing applications or develop new applications and products relying on Copernicus data and <b>increase the uptake of Copernicus data</b>, services and applications in the European economy. The target areas are :</p> <ul style="list-style-type: none"> <li>- The Copernicus Emergency service</li> <li>- The Copernicus Security service</li> <li>- The Copernicus Marine service</li> <li>- The Copernicus Land service</li> <li>- The Copernicus Climate change service</li> <li>- The Copernicus Atmosphere monitoring service</li> </ul>	
More information	Not available yet

## 2.4 \ Interreg

### Interreg Alpine Space – classic projects

Deadline	May 2023
TRL	n/a
Consortium	Collaborative Project with 7 to 12 partners from at least 4 different countries and eligible regions of the programme area (Austria, France, Germany, Italy, Slovenia, Switzerland and Liechtenstein. In France, the eligible regions are Bourgogne-Franche-Comte, Auvergne-Rhone-Alpes, Provence-Alpes-Cote D'Azur and Grand Est)
Budget	Budget per Project: 1-3M Funding rate: 75%
Topics	Transnational cooperation, climate, resources, digital
<p>Within the thematic priorities and specific objectives for the period 2021-2027, the following one could be of interest :</p> <ul style="list-style-type: none"> <li>- <b>Innovation and digitalization supporting a green alpine region</b> <ul style="list-style-type: none"> <li>o Developing and enhancing research and innovation capacities and the uptake of advanced technologies</li> <li>o Reaping the benefits of digitalization for citizens, companies, research organizations and public authorities</li> </ul> </li> </ul> <p>3 types of activities are funded under this call :</p> <ul style="list-style-type: none"> <li>- Strategic policy development activities through the elaboration of common strategies or methodologies;</li> <li>- <b>Explorative and piloting activities to test models or tools</b> and validate solutions applicable to different contexts;</li> <li>- Dissemination and capitalization activities to encourage policy implementation across sectors and regions.</li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

## Interreg Alpine Space – small scale projects

Deadline	December 2022
TRL	n/a
Consortium	Collaborative Project with 3 to 6 partners from at least 3 different countries and eligible regions of the programme area (Austria, France, Germany, Italy, Slovenia, Switzerland and Liechtenstein. In France, the eligible regions are Bourgogne-Franche-Comte, Auvergne-Rhone-Alpes, Provence-Alpes-Cote D'Azur and Grand Est)
Budget	Budget per Project: 250k to 750k Funding rate: 75%
Topics	Transnational cooperation, climate, resources, digital

Within the thematic priorities and specific objectives for the period 2021-2027, the following one could be of interest :

- **Innovation and digitalization supporting a green alpine region**

- o Developing and enhancing research and innovation capacities and the uptake of advanced technologies
- o Reaping the benefits of digitalization for citizens, companies, research organizations and public authorities

Small scale projects should “set the scene” on **themes that are rather new to transnational cooperation**. Another option is to test instruments, tools or policies, through exploratory activities. These and other examples could open up new perspectives to cooperation and the development of project proposals, which could be submitted under the Alpine Space programme or other funding schemes.

More information [Website for the call for proposals](#)

The final version of the Interreg Bayern-Österreich program is available **in German**. Project ideas can be submitted via the website during the whole program period. The work programme is available here: <https://www.interreg-bayaut.net/wp-content/uploads/2022/05/Kurzfassung-KOP.pdf>

## Interreg Bayern-Österreich

Consortium	Collaborative Project with at least one independent entity from eligible territories in Germany and one independent entity from eligible territories in Austria <b>Eligible territories:</b> <ul style="list-style-type: none"> <li>• <b>Germany:</b> Kreisfreie Stadt Rosenheim, Landkreis Rosenheim, Altötting, Berchtesgadener Land, Bad Tölz-Wolfratshausen, Garmisch-Partenkirchen, Miesbach, Mühldorf am Inn, Traunstein, Weilheim-Schongau, kreisfreie Stadt Landshut, Landkreis Landshut, kreisfreie Stadt Passau, Landkreis Passau, Deggendorf, Freyung-Grafenau, Regen, Rottal-Inn, Dingolfing-Landau, kreisfreie Stadt Kaufbeuren, kreisfreie Stadt Kempten (Allgäu), kreisfreie Stadt Memmingen, Lindau (Bodensee), Ostallgäu, Unterallgäu, Oberallgäu.</li> <li>• <b>Austria:</b> Innviertel, Linz-Wels, Mühlviertel, Traunviertel, Lungau, Pinzgau-Pongau, Salzburg und Umgebung, Außerfern, Innsbruck, Osttirol, Tiroler Oberland, Tiroler Unterland, Bludenz-Bregenzer Wald, Rheintal-Bodenseegebiet</li> </ul>
Topics	International cooperation, cross-border activities
More information	<a href="#">Website for the program</a>

## INTERREG Alcotra - France – Italie

Deadline	15/12/2022
TRL	n/a
Consortium	Consortium composed of at least 1 organization established in an eligible region in <b>France</b> (Haute-Savoie, Savoie, Hautes-Alpes, Alpes-de-Haute-Provence and Alpes Maritimes) and an eligible region in <b>Italy</b> (Autonomous Region of Valle d'Aosta, Metropolis of Turin, Provinces of Cuneo and Imperia). Other partners from non-eligible regions if justified.
Budget	Indicative budget for the topic: 25 M <b>Budget per Project: 2 to 3 M, Funding rate : 80%</b>
Topics	Digitalization, skills, climate change, disaster risk reduction, environment, mobility

Proposals must meet the objectives of the cooperation program for the period 2021-2027 and fall within a single Specific Objective of the Program by providing a response to the identified territorial issues. Among the objectives relevant for Eurogeographics :

- Harnessing the **benefits of digitization for the benefit of citizens, businesses, research organizations, and governments**
- Develop competences in smart specialization, industrial transition and entrepreneurship
- Fostering climate change adaptation, **disaster risk reduction and resilience**, taking into account ecosystem-based approaches
- Enhance the protection and preservation of nature and biodiversity and strengthen green infrastructure, especially in urban areas, and reduce all forms of pollution
- Promote sustainable multimodal urban mobility as part of the transition to a net zero carbon economy

More information	<a href="#">Website for the call of proposals</a>
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## Pre-announcement : INTERREG North-West Europe

Deadline	09 February 2023
TRL	n/a
Consortium	Collaborative projects between organizations established in eligible regions of eight countries: <b>France</b> (Ile-de-France, Champagne-Ardenne, Picardie, Haute-Normandie, Centre, Basse-Normandie, Bourgogne, Nord-Pas-de-Calais, Lorraine, Alsace, Franche-Comté, Pays de la Loire, Bretagne), <b>Belgium, Germany, Ireland, Luxembourg, Netherlands, Switzerland and the United Kingdom</b> .
Budget	Up to 60% of eligible expenditure
Topics	Climate, environment, energy, circular economy, innovation, inclusive society

Proposals should address one of the nine specific objectives of the program, including:

- Promoting climate change adaptation and **disaster risk prevention**, resilience taking into account ecosystem-based approaches
- **Enhancing nature protection**, biodiversity and reducing all forms of pollution
- Promoting energy efficiency and reducing greenhouse gas emissions
- Promoting the transition to a circular and resource efficient economy
- Developing and enhancing research and innovation capacities and the uptake of advanced technologies
- Enhancing the role of culture and sustainable tourism in economic development, social inclusion and social innovation

More details will be available when the call is released in November 2022.

More information	<a href="#">Website for the call of proposals</a>
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Interreg Austria-Hungary	
Deadline	Continuously open call
TRL	n/a
Consortium	Collaborative Project with 3 partners, including at least one partner from eligible regions in Austria and one from eligible regions in Hungary. <b>Austrian eligible regions</b> : Graz, Mittelburgenland, Niederösterreich-süd, Nordburgenland, Oststeiermark, Südburgenland, Wien, Wiener umland/Südteil <b>Hungarian eligible regions</b> : Gyor-Moson-Sopron, Vas, Zala
Budget	Total budget (priority 2): 4,1 M Budget per Project: 25k to 200k Funding rate: 85%
Topics	Transnational cooperation, climate, resources, digital
<p>The Interreg V-A Austria-Hungary programme supports cooperation projects across the border region of Austria and Hungary. The main objective is to strengthen economic, social, cultural and ecologic contacts in the border region and to enhance regional competitiveness, contemporaneous weakening of regional disparities. Within the thematic priorities and specific objectives for the period 2021-2027, the following one could be of interest :</p> <ul style="list-style-type: none"> <li>- <b>A better connected border region (priority 2)</b></li> </ul> <p>The type of actions may be :</p> <ul style="list-style-type: none"> <li>- Cross-border data collection and know-how exchange on cross-border traffic patterns and the mobility behaviour of the population in the programme region</li> <li>- Developing strategies and action plans aiming at a better organisation and linking of different modes of sustainable transport</li> <li>- Implementing actions including small scale investments to better connect regional and local public transport and cycling infrastructure and to enhance the sustainability, multimodality and safety of cross-border mobility</li> </ul> <p>First cooperation actions for newcomers are particularly encouraged, as well as projects that establish new governance networks, seed financing for larger projects and encourage cooperation between SMEs. Moreover, the capitalisation on the results of other initiatives, awareness raising actions for the general public and people-to-people actions, promoting contacts and interaction between people are particularly encouraged.</p>	
More information	<a href="#">Website for the call for proposals</a>

## 2.5 \ IVCDCl

N/A

## 2.6 \ World Bank

N/A

## 2.7 \ Other programs

### Call for Tenders - Copernicus Land and Forest Mapping and Monitoring

Deadline	10/05/2023
TRL	n/a
Consortium	n/a - Public contract
Budget	Estimated total value : 11 300 000
Topics	Land monitoring, forest monitoring, mapping, Copernicus
<p>This call for tenders relates to a service contract. It should procure a dynamic global land surface characterisation, global annual land cover mapping and tropical forest monitoring products at 10 m resolution. The procurement will ensure the continuity of the production of the Global Land Cover map collection, the provision of a continuous dynamic generation of land surface and cover characteristics on sub-annual and annual basis and the development and implementation of a tropical forest monitoring component.</p>	
More information	<a href="#">Website for the call of proposals</a>

### EDF-2022-RA-DIGIT-DBIR - Shared databases and integrated systems for image recognition

Deadline	24/11
TRL	Research action
Consortium	3 partners from 3 MS different (including Norway)
Budget	Max 25M€ (for one or more projects) – Actual cost Grant
Topics	Image recognition, creation of new database
<p>Proposals should address the development and objective testing of image recognition systems for defence, the creation of the needed new databases, and the integration of the developed image recognition technologies near the sensors and objective testing of these integrated systems. Any relevant types of images and sensors (visible, infrared, multiband, hyperspectral...) and any well-defined types of recognition tasks (detection and classification for well-defined classes of objects, detection and identification of known objects, tracking...) can be considered. The proposals must address in particular the following:</p> <ul style="list-style-type: none"> <li>• Creation and sharing of annotated image databases, and development of appropriate frameworks for that purpose</li> <li>• Development of software image recognition systems</li> <li>• Integration of such software systems on customised hardware near sensors (integrated technology demonstrators)</li> <li>• Objective evaluation of the performances of the software and integrated systems</li> </ul>	
More information	<a href="#">Link</a>

### EDF-2022-RA-C4ISR-AIRC2 - Single European Sky interoperability

Deadline	24/11
TRL	Research action
Consortium	3 partners from 3 MS different (including Norway)
Budget	Max 20M€ (for one Project) – Actuel cost Grant
Topics	Data interoperability, data exchange

Project will have to increase interoperability of military Air C2 systems against SES rules via an interoperability demonstration. The activity must focus on identifying technical solutions for information and data exchanges between cross border military C2 systems and cooperating civil – military ATC systems based on new challenges generated by the evolution of the SES harmonisation deployment regulation and new possibilities offered by information technologies.

In particular, the implementation and assessment of **new rules of Interoperability (IOP) for surveillance and control of the European air traffic from a military perspective** are the main objectives of this call. Several technical standards must be implemented, and **solutions developed to ensure the harmonized, efficient and secure data exchanges between relevant civil and military stakeholders**:

- Technical interoperability for real time flight and airspace management data exchanges (with relation to ability to exchange, exploit and fill Flight Objects, etc.);
- Security aspects to ensure cross-domain exchanges (with regards to secure gateway or procedures to limit dissemination of sensitive military information, facilitating sharing of military information to enhance civil situational awareness, etc.);
- Assessment of resulting ATM safety levels as any ATC civil-military interoperability system.

More information [Link](#)

### EDF-2022-DA-NAVAL-NCS - Naval Collaborative Surveillance

Deadline	24/11
TRL	Development action
Consortium	3 partners from 3 MS different (including Norway)
Budget	Max 65M€ (for one Project) - – Actuel cost Grant
Topics	GNSS-independent, real time exchange of raw data

The objective is to develop a full NCS (Network Control Station) capability allowing a better tactical situational awareness shared within a coalition, in terms of performances and architecture resilience.

It must consist in defining an EU NCS protocol/interface standard for **real time exchange of raw data originated from sensors (plot level)**, thus facilitating the AWW (Above Water Warfare) operations within a coalition of EU naval and air assets. It must consist, in developing processing functions and algorithms to use the data exchanged through the protocol/interface standard. The NCS will achieve a more effective elaboration of the tactical picture, through plot merging, tracking, identification, etc. Such data processing functions and algorithms could be developed either jointly or nationally. They must take the form of **demonstrators and prototypes**, which will be **verified via demonstrations and testing**. Further national implementation and deployment must comply with national legacies and strategies.

It is expected that the NCS has to be used in GNSS denied areas. Therefore, the proposed NCS could also include a GNSS-independent mode. This GNSS-independent mode must result in minimal impact on the engageability of the tracks, still allowing for a NCE capability.

More information [Link](#)



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