



Monitoring of calls for proposals

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1 \ NEW FUNDING OPPORTUNITIES IDENTIFIED IN SEPTEMBER 2021

1.1 \ CEF programme

1.1.1 \ Energy

Two new calls: [here](#) & [here](#), but it seems they are far away from EuroGeographics expertise.

1.1.2 \ Transport

Calls for proposals opened on September the 16th.

CEF-T-2021-SIMOBGEN-ITS-WORKS: Smart applications for transport - ITS – general envelope

Deadline	19/01/2022
TRL	n/a
Consortium	Collaborative project
Budget	EUR. 400 000 000 available for CEG-T-2021-SIMOBGEN Actual cost grant: Maximum 50% for the costs of studies, 70% for the costs of works, maximum 50% for all other costs categories
Topics	Data infrastructure, online services, transport

The general objective is to modernize transport infrastructure on the Core and Comprehensive Networks of the Trans-European Transport Network. Activities **include works (or studies), with the possibility to include studies** to support Intelligent Transport Services for the road:

- Actions related to the deployment or upgrade of intelligent transportation system (ITS) infrastructure and services
- Actions related to deployment of cooperative ITS (C-ITS) services

(4-5 years for works+ studies, only 2-3 years for only studies)

More information	Website for the call for proposals
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CEF 2 Transport - Actions related to smart and interoperable mobility – General envelope (CEF-T-2021-SIMOBGEN)

Deadline	19/01/2022
TRL	TRL 7 to 8
Consortium	Collaborative project
Budget	Max 15M€ Actual cost grant: Maximum 70% for the costs of works, maximum 50% for all other costs categories
Topics	Satellite-based innovation, GNSS, transport

The expected outcomes are to ensure sustainable air traffic growth. It is necessary to speed up the modernization of the air infrastructure to offer more capability and capacity, making it more resilient to future traffic demand and adaptable through more flexible air traffic management procedures. Among R&I activities:

- **Satellite-based innovation for green trajectories:** this activity will demonstrate the environmental benefits of introducing direct-controller pilot-communication (DCPC) via VHF voice in combination with satellite-based ADS-B, satellite-based VHFvoice and potentially satellite-based VDL2
- **Green approaches through GNSS** as primary navigation means with reversion scenario in operational Environment: this activity will demonstrate the environmental benefits brought by the advanced use of GNSS in the approach phase of flight

More information	Website for the call for proposals
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CEF 2 Transport - Actions related to smart and interoperable mobility – General envelope (CEF-T-2021-SIMOBGEN)	
Deadline	19/01/2022
TRL	n/a
Consortium	Collaborative project
Budget	EUR. 400 000 000 available for CEF-T-2021-SIMOBGEN Actual cost grant: Maximum 50% for the costs of studies, 70% for the costs of works, maximum 50% for all other costs categories
Topics	Data access, Data visualisation, Interoperable data, transport
<p>The general objective is to modernize transport infrastructure on the Core and Comprehensive Networks of the TEN-T. Work or studies to support the creation, collection, management, sharing and dissemination of accurate and up-to-date transport, traffic and travel data for all modes, particularly enabling interoperability and through digitization of processes. For example, actions related to increased availability of data for transport safety, urban vehicle access regulations, collaborative logistics and multimodal travel to make them available to relevant public and/or private stakeholders</p>	
More information	Website for the call for proposals

1.1.3 \ Telecom

Not published – More information has been requested

1.2 \ Digital Europe

Not published

1.3 \ Horizon EU

See Section “2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED” below

1.4 \ Interreg

Calls will be published in 2022

1.5 \ IVCDCl

N/A

1.6 \ World Bank

N/A

1.7 \ Other programmes

1.7.1 \ LIFE

LIFE 2021 CET Policy : Towards an effective implementation of key legislation in the field of sustainable energy

Deadline	12/01/2022
TRL	n/a
Consortium	Collaborative project with a consortium of at least 3 beneficiaries from 3 different eligible countries
Budget	Max budget: 2M€ Overall budget: 6M (3 projects financed) Funding rate: 95%
Topics	Renewable energy, Energy efficiency, Environment
The proposals are expected to support the implementation of the Energy Efficiency Directive and of the Renewable Energy Directive. Actions can include data collection or monitoring of energy consumption, the setting-up and monitoring of EEOs, methods of calculation of energy savings, developing tools to make available information on energy efficiency, mapping and analysis of the national renewable and waste energy potential, etc.	
More information	Website for the call for proposals

2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED

2.1 \ 2021

HORIZON-CL6-2021-GOVERNANCE-01-13: Modelling land use and land management in the context of climate change

Deadline	06/10/2021
TRL	RIA – research & innovation actions – TRL4
Consortium	Collaborative project
Budget	Budget per project: 5M Budget for the topic: 10M€ Funding rate: 100%
Topics	Environmental monitoring, agriculture data, Green Deal, data visualization

This call aims at:

- Setting out a credible pathway contributing to innovative governance and sound decision making in policy for the transition required by the European Green Deal.
- Ensuring the **sustainable management of land resources** in the long term. There is a need for an integrated framework that addresses society's objectives appropriately by understanding the trade-offs between uses and by incentivizing actions / behaviors / investments contributing to desirable targets

Work should include **the analysis of land use dynamics and trends between arable land, permanent grassland, land abandonment / marginal lands, forest areas, for which quantifications and an identification of drivers and impacts should be done in an integrated manner.**

More information	Website for the call for proposals
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HORIZON-CL6-2021-CLIMATE-01-01: Improved understanding, observation and monitoring of water resources availability

Deadline	06/10/2021
TRL	RIA – research & innovation actions – TRL5
Consortium	Collaborative project
Budget	Budget per project: 3 – 5M€ Budget for the topic: 10M€ Funding rate: 100%
Topics	Environmental monitoring, maps, water observation, data availability, GEOSS, Green Deal

The call aims at enhancing the **knowledge on water resource availability** and use, on future changes to climate and hydrological systems and on risks of extreme weather events. Issues that could be addressed by the project include:

- **Comparative assessment of the state-of-the-art integrated river basin models**
- **Improve accuracy and spatiotemporal resolution of regional scale projections** of changes in precipitation, soil moisture, runoff and groundwater availability for management purposes, and quantification of the related uncertainties
- **Development of techniques, monitoring tools and innovative sensors for advanced measurement and calculation of current available water balances**
- Development of a **long-term observation framework and capacity**, in collaboration with the Copernicus programme and GEOSS

More information	Website for the call for proposals
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HORIZON-CL3-2021-BM-01-01: Enhanced security and management of borders, maritime Environment, activities and transport, by increased surveillance capability, including high altitude, long endurance aerial support

Deadline	23/11/2021
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 7-8 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 7 M€ Budget for the topic: 20 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Tracking capabilities, surveillance of border and maritime environment, rescue needs
<p>This call aims to:</p> <ul style="list-style-type: none"> • Increase surveillance capability compared to the state of the art, including longer endurance, better reliability, lower maintenance requirements, longer permanence and wider coverage; • Improve performance and/or safety, including better detection, classification and tracking capabilities, cyber and physical security, better cost-efficiency, better autonomy, lower visual and acoustic signatures; • Improve multi-tasking capabilities to respond to a variety of needs and situations in the surveillance of border and maritime Environment, including enhanced multi-authority collaboration. 	
More information	Website for the call for proposals

HORIZON-CL3-2021-DRS-01-03: Enhanced assessment of disaster risks, adaptive capabilities and scenario building based on available historical data and projections

Deadline	23/11/2021
TRL	RIA - Research Innovation Action
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 5 M€ Funding rate: 100%
Topics	Geological data, disaster risk, data access, artificial intelligence
<p>This call is targeting enhanced assessment of disaster risks, adaptive capabilities and scenario building on available historical data and projections. Projects results are expected to contribute to some of the following outcomes:</p> <ul style="list-style-type: none"> • Innovative exposure and vulnerability analysis methods, • Maximizing usability through a service-oriented approach, • Enhanced exploitation of monitoring data and satellite/remote sensing information as well as artificial intelligence to improve high-level assessment from international to local levels. 	
More information	Website for the call for proposals

HORIZON-CL4-2021-TWIN-TRANSITION-01-10: Digital permits and compliance checks for buildings and infrastructure

Deadline	23/09/2021
TRL	IA – Innovation Actions - Activities are expected to start at TRL 5 and achieve TRL 7 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 5M€ Budget for the topic: 15M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Spatial data, Data access, Geographic Information Systems, 3D cadastre, etc.
<p>This call aims to develop, connect and align new technologies and digital tools for construction, including improved and automated methods of designing, building and authorizing construction works. Projects are expected to contribute to the following outcomes:</p> <ul style="list-style-type: none"> • Efficiency and productivity gains in design and construction processes, • Fewer errors in planning, design and construction processes, • Automated, faster, more accurate and more efficient permitting and compliance for construction works, • Improved build quality and resource efficiency in construction, in line with the aims of the New European Bauhaus initiative. 	
More information	Website for the call for proposals

HORIZON-CL6-2021-BIODIV-01-08: Supporting the development of a coherent and resilient Trans-European Nature Network

Deadline	06/10/2021
TRL	IA – Innovation Actions
Consortium	Collaborative project
Budget	Budget per project: 10 M€ Budget for the topic: 10 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Satellite-based Earth observation, data, environmental monitoring, etc.
<p>Contributing to the implementation of the EU biodiversity strategy for 2030, this call aims to give support to building of a coherent and resilient trans-European nature network (TEN-N) of protected areas, including through the set-up of ecological corridors, thereby contributing to the protection and restoration of ecosystems and their services in Europe.</p> <p>If projects use satellite-based Earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).</p>	
More information	Website for the call for proposals

HORIZON-CL6-2021-BIODIV-01-12: Improved science based maritime spatial planning and identification of marine protected areas

Deadline	06/10/2021
TRL	RIA - Research and Innovation Actions - Activities are expected to achieve TRL 4-5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 3 – 4 M€ Budget for the topic: 7 M€ Funding rate: 100%
Topics	Green Deal, environmental monitoring, GEOSS, data, etc.
<p>In support of the implementation of the Green Deal and the biodiversity strategy, a successful proposal will improve the knowledge to restore ecosystems and halt biodiversity loss, supporting notably the following impact in this destination. Projects results are expected to contribute to all the following expected outcomes:</p> <ul style="list-style-type: none"> • Prioritization of future protected areas, restoration areas, and science-based maritime spatial planning, • Implementation of the EU biodiversity strategy for 2030 and the Convention on Biological Diversity post-2020 framework. • Improved science based for the description of Ecologically or Biologically Significant marine Areas (EBSA) 	
More information	Website for the call for proposals

HORIZON-CL6-2021-GOVERNANCE-01-16: Tools to support the uptake and accessibility/exploitability of environmental observation information at European and global level

Deadline	06/10/2021
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 13 M€ Budget for the topic: 13 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Green Deal, data, GEOSS, environmental monitoring, interoperable digital ecosystems, artificial intelligence, machine learning and high-performance computing
<p>A successful proposal will enhance access and usability of environmental observation information and promote pre-operational European services through global infrastructures in line with the objectives of the European Green Deal, the European strategy for data and the European digital strategy, thus deploying and adding value to environmental observations and contributing to a strengthened Global Earth Observation System of Systems (GEOSS).</p>	
More information	Website for the call for proposals

HORIZON-CL6-2021-GOVERNANCE-01-17: Common European Green Deal data space to provide more accessible and exploitable environmental observation data in support of the European Green Deal priority actions

Deadline	06/10/2021
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 3 – 5 M€ Budget for the topic: 10 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	European data spaces, Green Deal, deploying digital and data technologies, GEOSS, etc.
A successful proposal will contribute to unleashing the potential of environmental and climate data through dedicated European data spaces in line with the objectives of the European Green Deal and the European strategy for data, by further deploying digital and data technologies as key enablers and strengthening EU and international science-policy interfaces as well as contributing to the Global Earth Observation System of Systems (GEOSS).	
More information	Website for the call for proposals

HORIZON-CL4-2021-DIGITAL-EMERGING-01-09: AI, Data and Robotics for the Green Deal (AI, Data and Robotics Partnership)

Deadline	21/10/2021
TRL	IA – Innovation Actions - Activities are expected to start at TRL 3-5 and achieve TRL 6-7 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 3 – 5 M€ Budget for the topic: 27 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Green Deal, AI, data and robotics solutions, etc.
Proposals are expected to integrate and optimize AI, data and robotics solutions in order to demonstrate, by addressing use-cases scenarios in actual or highly realistic operating environments , how they can directly contribute to the Green Deal. The proposed methodology should be supported by industry or service relevant KPIs, making the case for the added value of such technologies, and demonstrating scalability, and deployment potential.	
More information	Website for the call for proposals

HORIZON-CL6-2021-GOVERNANCE-01-19: Development of the markets and use of digital technologies and infrastructure in agriculture – state of play and foresight: digital and data technologies for the agricultural sector in a fast changing regulatory, trade and technical environment

Deadline	06/10/2021
TRL	RIA - Research Innovation Action
Consortium	Collaborative project
Budget	Budget per project 2-4 M€ Budget for the topic: 4 M€ Funding rate: 100%
Topics	Agriculture data, digital and data technologies, digital infrastructure
<p>The successful proposal(s) will support the capacities to understand and develop the markets and use of digital technologies in agriculture. They will therefore contribute a) to the enhancement of the sustainability performance and competitiveness in agriculture through further deployment of digital and data technologies as key enablers, and b) to the development of innovative governance models enabling sustainability and resilience notably to achieve better informed decision-making processes, and innovation through research and innovation in the field of digital technologies and infrastructure in agriculture.</p>	
More information	Website for the call for proposals

HORIZON-CL6-2021-BIODIV-01-04: Assess and predict integrated impacts of cumulative direct and indirect stressors on coastal and marine biodiversity, ecosystems and their services

Deadline	06/10/2021
TRL	RIA - Research Innovation Action - Activities are expected to achieve TRL 4-5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 10 M€ Budget for the topic: 10 M€ Funding rate: 100%
Topics	Green Deal, environmental monitoring
<p>In support of the implementation of the Green Deal and the biodiversity strategy, successful proposals will contribute to better understand biodiversity decline, its main direct drivers and their interrelations. This call aims to facilitate and speed up the development of measures and holistic ecosystem-based management approaches that promote the sustainability of coastal and marine ecosystems and enable them to deliver services and be resilient to rapid climate and environmental changes.</p>	
More information	Website for the call for proposals

2.2 \ 2022

HORIZON-CL3-2022-DRS-01-01: Enhanced citizen preparedness in the event of a disaster or crisis-related emergency

Deadline	23/11/2022
TRL	IA – Innovation Actions
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	Risk disaster, emergency planning, first responder
<p>This call aims to improve societal resilience to disasters or crises which relies on various features related to preparedness of citizens, communities, education systems, public administrations, business companies and practitioners. This concerns ways to react and informed decisions to take in case of an event. Individual, public and multi-level actions are needed in disaster risk management, and they have huge implications on potentially reducing losses and increasing the operational capacity of responders, along with significant impacts on the emergency planning and management phases and its relation to continuous operations and existing safety management.</p>	
More information	Website for the call for proposals

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 5 accredited measurement institutes/laboratories from at least 3 different EU Member States or Associated countries, 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"> 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. Based on past experience, 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. 	
More information	Website for the call for proposals

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	IA – 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 enhance risk and crisis assessment and preparedness to natural hazards. The project should rely on tools using different types of data, information and forecasts (e.g. meteorological data, physical data related to geohazards and climate projections etc.) 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	Website for the call for proposals

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 at least 3 first responders' organizations or agencies from at least 3 different EU Member States or Associated countries
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 first responders' needs 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. 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.</p> <p>International cooperation is encouraged, in particular with Japan in the framework of the EU-Japan collaboration</p>	
More information	Website for the call for proposals

HORIZON-CL3-2022-INFRA-01-01: Nature-based Solutions integrated to protect local infrastructure

Deadline	23/11/2022
TRL	RIA - Research and Innovation Actions - Activities are expected to achieve TRL 4-5 by the end of the project
Consortium	Collaborative project with the active involvement, as beneficiaries, of at least two local or regional government authorities from at least 2 different EU Member States or Associated countries
Budget	Budget per project: 5 M€ Budget for the topic: 5 M€ Funding rate: 100%
Topics	Risk management plans, infrastructure protection
The aim of the call is to expand the knowledge on Nature-based Solutions (NBS) and their ability to enhance infrastructure resilience in cities and urban areas against natural and man-made hazards. Proposals should include a strong involvement of citizens/civil society, together with academia/research, industry/SMEs and government/public authorities. In order to achieve the expected outcomes, international cooperation with countries pioneering the development of NBS is advised.	
More information	Website for the call for proposals

HORIZON-CL4-2022-DATA-01-01: Methods for exploiting data and knowledge for extremely precise outcomes (analysis, prediction, decision support), reducing complexity and presenting insights in understandable way

Deadline	05/04/2022
TRL	RIA - Research Innovation Action- Activities are expected to start at TRL 2-3 and achieve TRL 4-5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project 8 – 12 M€ Budget for the topic: 33 M€ Funding rate: 100%
Topics	Spatial data, Pan-European data, open data, crisis management, etc.
Proposal results are expected to contribute to the following expected outcomes: Improving automated ways for extracting meaning and providing insights from data extremely fast and/or accurately in order to optimize decision making (ranging from crisis/emergency management to predictive maintenance) or action planning, as well as demonstrating how these improvements can have great positive impacts for society, people, economy, or the Environment.	
More information	Website for the call for proposals

HORIZON-CL4-2022-DATA-01-05: Extreme data mining, aggregation and analytics technologies and solutions

Deadline	05/04/2022
TRL	RIA - Research Innovation Action - Activities are expected to start at TRL 3 and achieve TRL 5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 30 M€ Funding rate: 100%
Topics	Big data, AI, cloud, European data sources, Internet of things etc.
<p>This call aims to provide better technologies, tools and solutions for data mining (searching and processing) of large, constantly growing amounts and varieties of data, and/or extremely sparse/dispersed/heterogeneous/multilingual data (stored centrally or in distributed/decentralized systems), in particular IoT, industrial, business, administrative, environmental, scientific or societal data.</p> <p>The actions should address the integration of relevant technologies (e.g. big data, AI, IoT, HPC, edge/fog/cloud computing, language technologies, cybersecurity, telecommunications, autonomous systems etc.) as a means towards achieving the goals. The use of European data sources (such as Copernicus, Galileo/EGNOS for satellite data) is encouraged in the use cases, where appropriate.</p>	
More information	Website for the call for proposals

HORIZON-CL4-2022-RESILIENCE-01-08: Earth observation technologies for the mining life cycle in support of EU autonomy and transition to a climate-neutral economy

Deadline	30/03/2022
TRL	RIA - Research Innovation Action - Activities are expected to achieve TRL 3-5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 4.5 M€ Budget for the topic: 13.5 M€ Funding rate: 100%
Topics	Earth Observation data and technologies, environmental monitoring, maps and datasets
<p>This call aims to develop innovative new methods to analyze Earth Observation data, enabling systematic mineral exploration and continuous monitoring of extraction, closure and post closure activities. These developments and innovations should be built upon Copernicus satellite constellations, and/or European national and commercial satellite missions, including, e.g. COSMO-Skymed, EnMAP, PRISMA, TerraSAR-X, airborne and low-altitude platforms, ground based remote sensing, also including conventional in situ techniques, methods and field work measurements.</p>	
More information	Website for the call for proposals

HORIZON-CL5-2021-D3-02-11: Reinforcing digitalization related know how of local energy ecosystems

Deadline	05/01/2022
TRL	CSA – Coordination and Support Actions - n/a TRL
Consortium	Collaborative project
Budget	Budget per project: 4M€ Budget for the topic: 4M€ Funding rate: 100%
Topics	Energy data, capacity building, digital technologies, Artificial Intelligence, Internet of Things, big data, etc.
This call encourages the creation/reinforcement of local digitalization-of-energy ecosystems . It will support a competence cluster for digital energy concepts affecting to operators, consumers/prosumers, and authorities, which enable them being autonomous to react to local energy transition needs .	
More information	Website for the call for proposals

HORIZON-CL5-2021-D3-02-14: Support to the activities of the European Geological Services

Deadline	05/01/2022
TRL	CSA - Coordination and Support Actions - n/a TRL
Consortium	Collaborative project
Budget	Budget per project: 20M€ Budget for the topic: 20M€ Funding rate: 100%
Topics	Geological Service, geological data, data access, etc.
The growing demand for energy, raw materials and water is a key challenge for Europe, requiring a more integrated, efficient and sustainable use of these resources. Until now there is no complete and harmonized data at European level on mineral resources and reserves . This topic calls for concerted action to structurally address this challenge at European level, which is expected to ultimately lead to a Geological Service for Europe as a point of entry into a permanent collaborative network of National Geological Survey organizations .	
More information	Website for the call for proposals

HORIZON-CL5-2022-D6-02-02: Urban logistics and planning: anticipating urban freight generation and demand including digitalization of urban freight

Deadline	06/09/2022
TRL	IA – Innovation Actions
Consortium	Collaborative project
Budget	Budget per project: 7-8 M€ Budget for the topic: 15M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Real estate, Green deal, smart cities, Mobility, Transport, space management and urban planning, etc.
<p>This call aims to consider dynamic space re-allocation for the integration of urban freight at local level. It also aim to consider the impacts of how urban space is being used as well as the optimal mix of space distribution and of land uses. Proposals should analyze the potential of strategically positioned urban (or peri-urban) spaces to develop and implement a pilot demonstration. The aim is to reduce the impact of freight transport and logistics on the urban fabric.</p>	
More information	Website for the call for proposals

HORIZON-CL4-2022-SPACE-01-43: Copernicus Land Monitoring Service evolution

Deadline	16/02/2022
TRL	RIA - Research Innovation Action - Activities are expected to achieve TRL5-6 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 4-5 M€ Budget for the topic: 4-5 M€ Funding rate: 100%
Topics	Spatial data, land cover mapping, urban zones, environmental monitoring, satellite data, data visualization, etc.
<p>This call aims to develop new and innovative methods to combine and explore data with different spatial and temporal characteristics using automatic processing for land cover and land cover status change assessment. Project results are expected to contribute to the following expected outcomes:</p> <ul style="list-style-type: none"> Enhanced quality and efficiency of the current service to respond respectively to policy and/or user requirements and to technological developments, Development of efficient and reliable new products chains, calling for new paradigms in data fusion, data processing and data visualization essential for the service to handle more high-volume satellite data sets and product sets. 	
More information	Website for the call for proposals

HORIZON-CL6-2022-CircBio-02-06-two-stage: Harnessing the digital revolution in the forest-based sector

Deadline	1st stage : 15/02/2022 2nd stage : 01/09/2022
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 6-7 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 6 M€ Budget for the topic: 15 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Digital strategy, environmental and forest monitoring, intelligent digital solutions
In line with the EU forest strategy and the European digital strategy, successful proposals will demonstrate the potential of digital solutions in forestry and forest-based value chains contributing to the multifunctionality and management of forests in Europe based on the three pillars of sustainability (economic, environmental and social). Proposals must implement the 'multi-actor approach' and ensure adequate involvement of the primary sector and the wider forest-based value chain. Cooperation with other selected projects under this topic is strongly encouraged.	
More information	Website for the call for proposals

HORIZON-CL6-2022-CLIMATE-01-05: Forestry - European observatory of climate change impacts and demonstration network of climate smart restoration pilots

Deadline	15/02/2022
TRL	RIA - Research Innovation Action
Consortium	Collaborative project
Budget	Budget per project:15 M€ Budget for the topic:15 M€ Funding rate: 100%
Topics	Green Deal, forest and environmental monitoring, emerging threats
In line with the European Green Deal objectives and the EU forest strategy, successful proposals will increase the knowledge on climate change impacts and enhance the practical knowledge on adaptive management practices contributing to efficient monitoring, assessment and projections related to climate change impacts, mitigation and adaptation potential. It will bring out solutions for tackling emerging threats and support decision-making in climate change mitigation and adaptation policies at European and global levels.	
More information	Website for the call for proposals

HORIZON-CL6-2022-GOVERNANCE-01-07: New technologies for acquiring in-situ observation datasets to address climate change effects

Deadline	15/02/2022
TRL	IA - Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 3 M€ Budget for the topic: 20 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Health and security, Green Deal, GEOSS, environmental observation and monitoring
Through the development of new technologies, a successful proposal will contribute to addressing the lack of ground observation necessary to cope with climate change effects in hard-to-reach areas, areas facing extreme physical conditions and critical areas for human health and security. The project will contribute to the European Green Deal objectives and a strengthened Global Earth Observation System of Systems (GEOSS), by deploying and adding value to environmental observation	
More information	Website for the call for proposals

HORIZON-CL6-2022-GOVERNANCE-01-09: Environmental observations solutions contributing to meeting “One Health” challenges

Deadline	15/02/2022
TRL	RIA - Research Innovation Action
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 10 M€ Funding rate: 100%
Topics	Environmental observation, health, Green Deal, early warning
The general scope of this topic is to explore areas of the One Health policy that would benefit from the use of environmental observation and how environmental observations can be used for further shaping policies in the context of e.g. human health, animal health (including zoonoses) and plant health , in line with the European Green Deal objectives. Proposals should work on the concept of alert or early warning systems based on observation that would contribute informing governments and authorities and operators, on the health risks related to the destruction of ecosystems and biodiversity.	
More information	Website for the call for proposals

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"> Improved security of maritime infrastructures and maritime transport, including sea harbours and their entrance routes, 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. 	
More information	Website for the call for proposals

HORIZON-MSCA-2021-SE-01-01: MSCA Staff Exchanges

Deadline	09/03/2022
TRL	Not applicable
Consortium	Collaborative project
Budget	Lump-sum covering costs linked to the mobility of the participants as well as related research, training and networking activities.
Topics	All
<p>unds short-term international and inter-sectoral exchanges of staff members involved in research and innovation activities of participating organizations. The aim is to develop sustainable collaborative projects between different organizations from the academic and non-academic sectors (in particular SMEs), based in Europe and beyond. Exchanged staff benefit from new knowledge, skills and career development perspectives, while participating organizations increase their research and innovation capacities. This call is open to all topics.</p>	
More information	Website for the call for proposals



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