

Horizon Europe calls

CLUSTER 3 CIVIL SECURITY FOR SOCIETY

FCT - Fighting Crime and Terrorism

HORIZON-CL3-2021-FCT-01-09: Fight against organised environmental crime

IA, 2 projects of around 5 million euro; total budget 10 million

Ability to detect places of illegal waste storage. Innovative solutions are needed to support Police Authorities and other relevant practitioners in finding polluting substances intentionally dumped on land and in water.

BM01 – Efficient border surveillance and maritime security

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

RIA, 1 project of around 6 million euro

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.

Resilient Infrastructure

INFRA01 – Improved preparedness and response for large-scale disruptions of European infrastructures

Proposals are invited against the following topic(s):

HORIZON-CL3-2021-INFRA-01-01: European infrastructures and their autonomy safeguarded against systemic risks

IA, 2 projects of around 10 million euro each; total budget 20 million euro

Explicit mention of Copernicus, in case of navigation/positioning MUST be Galileo/EGNOS. EU member state entities only.

INFRA02 - Resilient and secure smart cities

Proposals are invited against the following topic(s):

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

RIA, 1 project of 5 million euro

Explicit mention of Copernicus, in case of navigation/positioning MUST be Galileo/EGNOS.

CLUSTER 4 DIGITAL, INDUSTRY AND SPACE

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

IA, 3 projects of around 5 million, total budget 15 million

Looking for new solutions for compliance e.g. for water infrastructure. A bit off the beaten track and earth observation could be element

HORIZON-CL4-2022-RESILIENCE-01-02: Monitoring and supervising system for exploration and future exploitation activities in the deep sea

(RIA), 2 projects of around 7 million each, total budget 14 million

Builds on EMODnet and Copernicus as well as GNSS

HORIZON-CL4-2021-SPACE-01-44: Copernicus evolution for cross-services thematic Domains

RIA, 2 projects of around 3 million, total budget 5.6 million

Copernicus based solution for inter alia the health of ocean and in land waters

HORIZON-CL4-2021-SPACE-02-51: EGNSS and Copernicus applications fostering the European Green Deal

IA, 7 to 5 projects of 1.5 to 3 million euro per project, total budget 14 million

Different areas including water pollution, leak detection and irrigation water saving.

HORIZON-CL4-2022-SPACE-01-41: Copernicus Marine Environment Monitoring Service evolution

RIA, 1 project of between 8-10 million

Healthy oceans, seas, coastal and inland waters” and can also contribute to the initiative United Nations Decade of Ocean Science for Sustainable Development

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

RIA, 1 project between 4-5 million

New and innovative products and services for land use change including water.

HORIZON-CL4-2022-SPACE-02-51: EGNSS applications for Smart mobility

IA, 4-2 projects of 2 to 5 million per project, total budget 9.5 million

Reduce emissions and improve efficiency for maritime, coastal and inland water

CLUSTER 5 CLIMATE, ENERGY AND MOBILITY

HORIZON-CL5-2021-D1-01-08: Restoration of natural wetlands, peatlands and floodplains as a strategy for fast mitigation benefits; pathways, trade-offs and co-benefits

RIA, 3-2 projects of 6 to 7 million each, total budget 20 million euro

Satellite data not a priority but could contribute to monitoring and decision-making.

HORIZON-CL5-2022-D1-01-03-two-stage: Social science for land-use strategies in the context of climate change and biodiversity challenges

RIA, 2-3 projects of around 6-7 million euro each, total budget 20 million

Land use decision, including on water availability

HORIZON-CL5-2021-D6-01-09: Climate resilient and environmentally sustainable transport infrastructure, with a focus on inland waterways

IA, around 3 projects of about 7.5 million per project; total budget 23 million

Transport infrastructure and climate change; reference made to Galileo and Copernicus

CLUSTER 6 AGRICULTURE, BIODIVERSITY

HORIZON-CL6-2021-BIODIV-01-03: Understanding and valuing coastal and marine biodiversity and ecosystems services

RIA, 1 project of around 16 million
Call makes reference to Galileo and Copernicus

HORIZON-CL6-2021-BIODIV-01-05: The economics of nature-based solutions: cost benefit analysis, market development and funding

RIA, 1 project of 5 million
Call makes reference to Galileo and Copernicus

HORIZON-CL6-2021-BIODIV-01-07: Ecosystems and their services for an evidence-based policy and decision-making

RIA, 1 project of around 13 million
Call makes reference to Galileo and Copernicus

HORIZON-CL6-2021-BIODIV-01-09: Assessing and consolidating recent scientific advances on freshwater ecosystem restoration.

CSA, 1 project of 0.5 million

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

RIA, 2 projects of around 3-4 million per project, total budget 7 million