

Horizon Europe 2022 Call factsheet



Large-scale Copernicus data uptake with AI and HPC

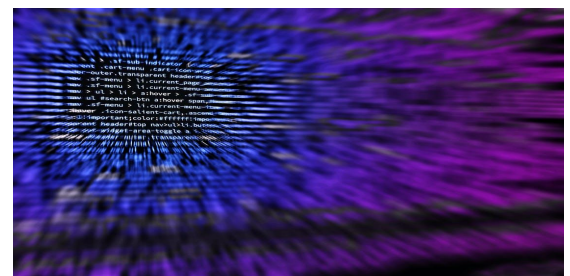
The adoption of Big Data and AI technologies in the space industry represents a significant opportunity to innovate, following industrial requirements to better respond to well-identified user needs.

Scope:

- Develop new and innovative products and services designed by industrial and user requirements, having Copernicus data assets and services products at their core, and scaling up to the increased data volumes of Copernicus' archives;
- Develop new, enabling, scalable, operational solutions and technologies to improve capabilities and performance of the Copernicus value chain and supporting infrastructure.

Topics:

- Adoption of Big Data and AI technologies for Copernicus management;
- Implementation of specialized Artificial Intelligence technologies, Linked Open Data paradigms and semantic archives to scale to the full archives of Earth Observation data volumes;
- Promote the collaboration of ICT actors, both from industry and academia, with the earth observation/space stakeholders and Copernicus users.



Horizon Europe

The indicative budget for this category is EUR 9.60 (Million).

Reference:

HORIZON-EUSPA-2022-SPACE-02-55

Research and Innovation

Opening: 05 May 2022

Deadline: 06 Sep 2022

Call overview, Produced 05/10/2021. Visit our website www.opencalls.space

Countries



all

Technology



Copernicus

Activities



Development of new methods for Copernicus data management

Contact



info@groundstation.space