



Copernicus Frontier Tech Challenge

Frontier technology solutions for Digital Copernicus

Demonstrate state-of-the-art frontier technology applications in EO:

- Artificial Intelligence,
- Internet of Things,
- DLT/blockchain,
- AR/VR/XR,
- Mobile Technology,
- Cybersec or
- Future of Cloud (Hybrid/Edge computing, confidential computing, and federated/decentralised computing).

The successful applicants will have:

- Identified a promising (though not fully developed) Frontier Technology to be applied to new or yet-to-be-developed Copernicus applications, or
- Developed unique value proposition of Frontier Technology for Copernicus but have not created a market ready product yet.



Artificial Intelligence



Internet of Things



Cloud, Edge, HPC



Blockchain



AR/VR/XR



Quantum



MobileTech



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Prize Pool

- EUR 10,000 cash prize for the winner of the ESA Frontier Tech Challenge
- Matchmaking and chance to get on board with ESA PhiLab activity (PhiLab Explore and Incubed)



A special initiative for participants from countries implementing Copernicus Cooperation Arrangements and other selected, out-of-Europe, in particular participants from the EU Eastern Partnership region (Ukraine, Moldova, Georgia, Armenia, Azerbaijan).

ESA seeks submissions that can demonstrate Copernicus societal benefits and a potential of Copernicus to foster international markets development for space-based information products and services.

Copernicus SpaceLeap Challenge

Foster international users and providers in partner countries

The successful applicants will have:

- Demonstrated a sound understanding of Copernicus applications areas, user engagement and relevance to Copernicus international cooperation efforts.
- The seed stage International Founders are in particular welcomed with demonstrated ideas for commercialisation and product scale up plans.



Copernicus SpaceLeap Challenge

Foster international users and providers in partner countries

Prize Pool

- 3 x EUR 5,000 cash prize for the winner of the ESA SpaceLeap Challenge
- Networking opportunity in the forthcoming Horizon Europe Call (thanks to partnership with EUSPA)