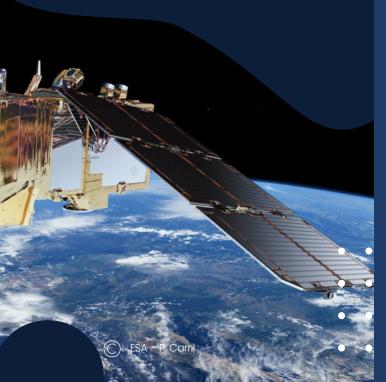
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About us

Europe lacks an integrated compute and storage infrastructure that would support the exploitation of Copernicus datasets in scientific and applied applications.

C-SCALE responds to that challenge by making Copernicus data, tools, resources and services easier to discover, access and share.



Our Info

Find out what C-SCALE has to offer



Contact@c-scale.eu

thttps://c-scale.eu/

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Enabling Copernicus Big Data Analytics through EOSC

for Providers

Our Mission

C-SCALE empowers European researchers, institutions and initiatives to easily discover, access, process, analyse and share Copernicus data, tools, resources and services through the EOSC Portal, a catalogue of possible services for EOSC.

How?

The C-SCALE project enhances the EOSC Portal with pan-European federated data and computing infrastructure services for Copernicus.

Our services

FedEarthData

Metadata Query Service



OpenEO platform

Workflow solutions



Based on satellite and in situ observations, the Copernicus services deliver near-real-time data on a global level, to help us better understand our planet and sustainably manage the environment we live in ကeosc

EOSC will be a 'Web of FAIR Data and services' for science in Europe. It will be a multi-disciplinary environment where researchers can publish, find and re-use data, tools and services, enabling them to better conduct their work

C-SCALE

enables

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Seamless access

C-SCALE seamlessly integrates access to EO and Copernicus data into the EOSC portal service offerings, exposing Copernicus data to a much broader audience

Easy Processing & Analysis

C-SCALE federates European e-infrastructures and lay the foundation for a European open Big (Copernicus) Data Analytics platform

Cross-disciplinary research

The integration enabled by C-SCALE helps to make the Copernicus data FAIR and create optimal conditions for cross-disciplinary research



Data and service-based knowledge facilitated by C-SCALE will help to monitor and mitigate climate change and improve the quality of life for citizens of Europe and around the world

Become C-SCALE provider and onboard your services onto our federation.

Enable your e-infrastructure to run Copernicus data analytics. Empower researchers to provide knowledge for climate changeinformed decision making.

Who

E-infrastructure service providers (cloud, HTC/HPC, data providers), either from the public or private sector

Why

- Connect your e-infrastructure to the European Open Science Cloud
- Catalyze cutting-edge research in Earth Observation
 Reach new user communities from the European
- Reach new user communities from the European
 Research sector

What

- A compute and data federation combining resources from ESA's Collaborative Ground Segment, Copernicus Data and Information Access Services and the European Open Science Cloud.
- 12 PB months of storage
- 18 million Cloud CPU hours
- 3.1 million HPC/HTC CPU hours
- 6,000 GPU hours

How

Visit https://c-scale.eu/call-for-use-cases/