

C-SCALE project Home

Project Vision

To empower European researchers, institutions and initiatives to easily discover, access, process, analyse and share Copernicus data, tools, resources and services through the EOSC Portal in a way that can be seamlessly integrated into their processes and research practices.

Project Mission

EOSC Portal will be enhanced with pan-European federated data and computing infrastructure services for Copernicus by the C-SCALE (Copernicus eoSC AnaLytics Engine) project. The C-SCALE open federation will integrate cross-/inter- disciplinary EOSC services, ensuring interoperability between distributed data catalogues, computational tools and infrastructure. In doing so, the federation will increase the service offer of the EOSC Portal providing state-of-the-art research enabling services to its users.



Access:

To get access to internal pages, please create an EGI SSO account: <https://www.egi.eu/sso> and contact the C-SCALE Project Office: c-scale-po@mailing-list.eodc.eu

Specific Objectives

O1: Scale-up the EOSC Portal integrating pan-European computing and data resources for Copernicus, including resources from, inter alia, the Copernicus DIAS platforms and the Collaborative Ground Segment nodes.

O2: Federated Copernicus resources with EOSC computing and storage providers to deliver a wide infrastructure optimised for very large FAIR data handling and fast user query response to support Copernicus data uptake.

O3: Piloting the provision of a distributed online Sentinel long-term archive in EOSC.

O4: Co-design of the federation with relevant scientific communities across Europe to offer a seamless user experience and increased exploitation of Copernicus resources through the EOSC Portal