

## *How EOSC-hub can help?*

- **EGI Foundation**

- Federated e-Infrastructure set up to provide advanced computing services for research and innovation
- The EGI e-infrastructure is publicly-funded and comprises hundreds of data centres and cloud providers spread across Europe and worldwide
- It offers a wide range of services for compute, storage, data and support - provided by EGI's federated cloud providers and data centres

- **EOSC – European Open Science Cloud**

- European Commission's vision (2015) of a large infrastructure to support and develop open science and open innovation in Europe and beyond
- “The ***federated infrastructure*** and supporting initiative providing all ***researchers, innovators, companies*** and ***citizens*** with ***seamless*** access to an ***open-by-default, efficient*** and ***cross-disciplinary*** environment for storing, accessing, reusing data, tools, publications and other scientific outputs for research, innovation and educational purposes” – *eoscpilot.eu*

- **A growing EOSC projects landscape**

## *How EOSC-hub can help?*

- **EOSC-hub**

- The H2020 EINFRA-12 flagship EC project contributing to the European Open Science Cloud implementation
- Its mission - to mobilise providers from the EGI Federation, EUDAT CDI, INDIGO-DataCloud and major research e-infrastructures offering services, software and data for advanced data-driven research and innovation
- Access to these resources are offered via the Hub - the integration and management system of the EOSC, acting as a European-level entry point for all stakeholders
- The EOSC-hub service catalogue is open to new contributing communities and business organisations

- **CS3MESH4EOSC and EOSC-hub**

- EOSC-hub is willing to promote the operational integration and exploitation of the CS3MESH4EOSC technologies and services for adoption by a large international group of users of through the EOSC delivery channels

## *How EOSC-hub can help?*

- **CS3MESH4EOSC and EOSC-hub Onboarding**

- EOSC-hub will support the service management integration and delivery of CS3MESH4EOSC service
- Join EOSC as a provider - <https://eosc-portal.eu/for-providers>
- EOSC Marketplace promotes secure, quality verified services that are available for international exploitation
- It offers statistics about access and customer feedback, free online service platform to manage the service requests and interact with users
- Requirements:
  - Service accessible by users outside the original community
  - Service is described via a common template (for publication on the EOSC-portal)
  - At least one service instance is running in a prod environment
  - Published research data is FAIR
  - Release notes and documentation are available

- **CS3MESH4EOSC and EOSC-hub Integration**

- The value of CS3MESH4EOSC for the users can be elevated, by making the CS3MESH4EOSC sync&share service interoperable/integrated with the most popular services of EOSC
  - with EOSC AAI to enable SSO across CS3MESH4EOSC and EOSC services
  - with EGI Cloud to simplify the processing of data
- EOSC-hub is committed to offer the EOSC-hub helpdesk as platform to support to the CS3MESH4EOSC service providers and users and...
- ...to offer and support the ARGO technology for monitoring and service level reporting
- EOSC-hub can provide CS3MESH4EOSC dedicated technical support for integration

- **CS3MESH4EOSC and EOSC Early Adopter Programme**

- For research communities that require the combined use of multiple services and resources from EOSC and...
- ...are working on complex research projects and/or dealing with grand-societal challenges
- Areas to think of...
  - Data discovery and reuse
  - Data processing and analysis
  - Data management, curation and preservation
  - Access, deposition and sharing, federated authentication and authorization
- Full details at <https://eosc-hub.eu/eosc-early-adopter-programme>