



Overview, Objectives & Key Exploitable Results

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- Project Overview
- Vision and Mission
- Objectives
- The Hub
- The Federating Core and Service Portfolio
- Key exploitable results and innovation roles



Project Overview

*20 digital research infrastructures,
EGI, EUDAT CDI and INDIGO-DataCloud
jointly offering
services, software and data
for advanced, data-driven research &
innovation*

**EOSC-hub: Integrating and managing services for the European Open
Science Cloud**

Grant Agreement ID 777536

Tot budget: €33,287,542

EU Budget

€ 30 000 000

100 Partners, 76 beneficiaries

3830 PMs, 106 FTEs

+150 staff involved

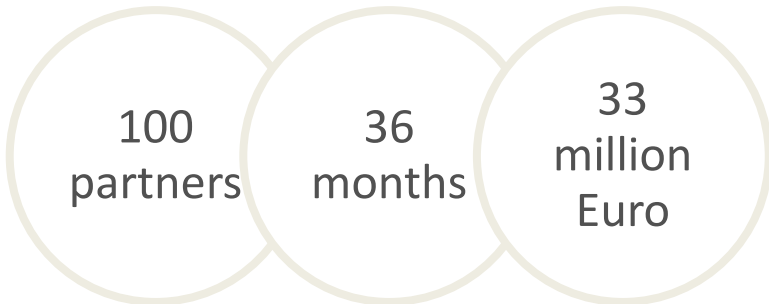
**Coordinator
STICHTING EGI**

**Consortium
100 partners
53 countries**

36 Months Jan 2018 – Dec 2020



EOSC-hub



Vision

Researchers from all disciplines have easy, integrated and open access to the advanced digital services, scientific instruments, data, knowledge and expertise they need to collaborate to achieve excellence in science, research and innovation

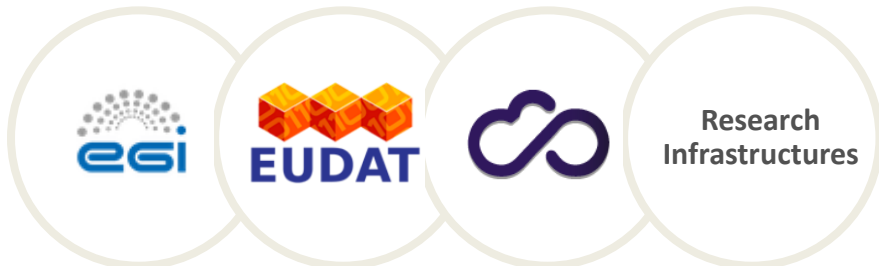


Mission

The EOOSC-hub project mobilises providers of pan-European relevance offering services, software and data for advanced data-driven research and innovation.

EOOSC-hub

These resources are offered via the Hub – the integration and management system of the European Open Science Cloud, acting as a European-level entry point for all stakeholders.





O1

- *Simplify access to a broad portfolio of products, resources and service provided by the major pan-European and international organizations through an open and integrated service catalogue.*

O2

- *Remove fragmentation of service provisioning and access to high-quality digital services in Europe and beyond through the technical integration and adoption of standards for interoperability of compute, storage, data and software platforms.*

O3

- *Consolidate e-Infrastructures by expanding capacity and capabilities and improving service quality.*

O4

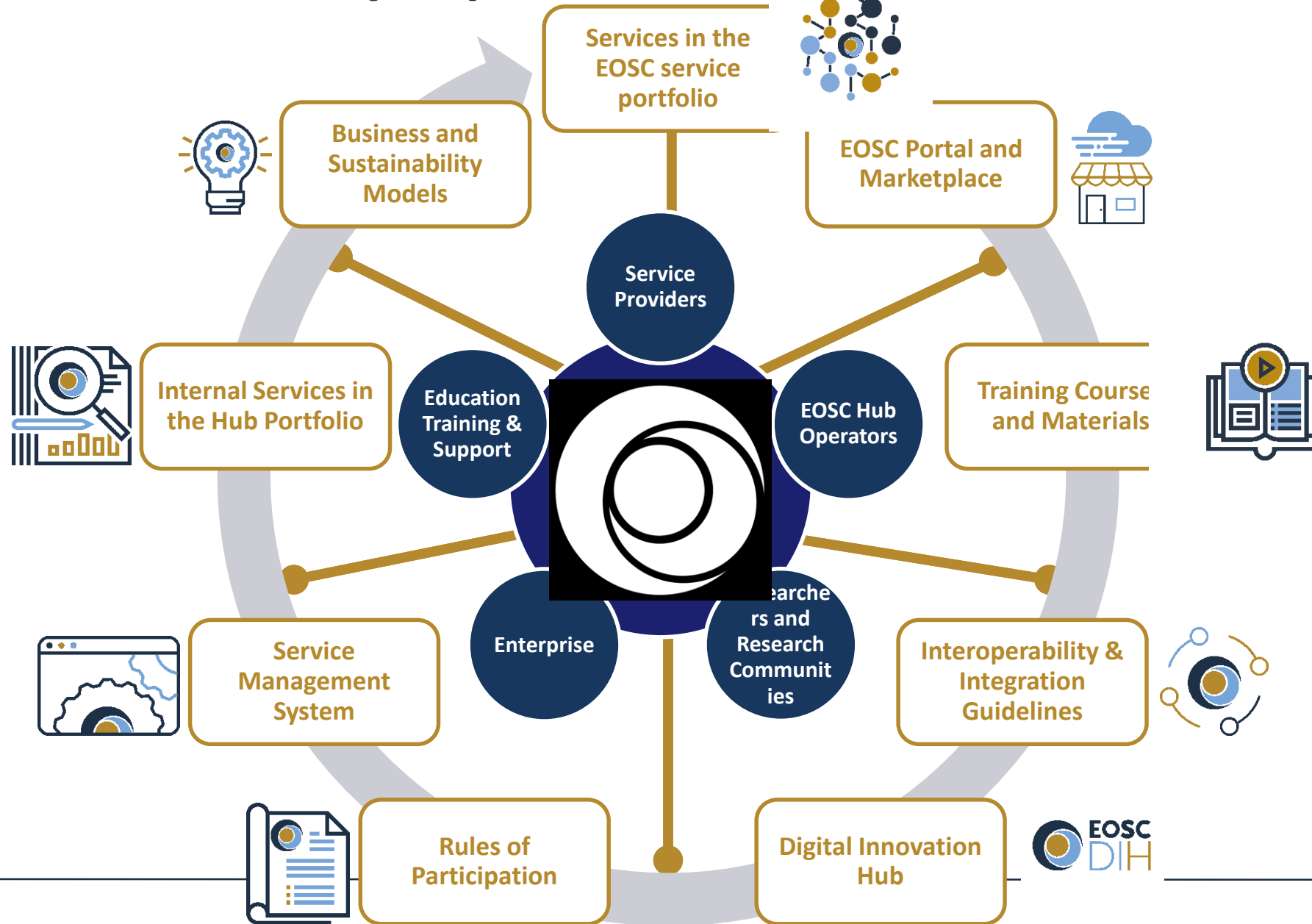
- *Widen the access to services to all user groups including researchers, high-education, business organizations and expand the user base.*

O5

- *Provide a knowledge hub.*

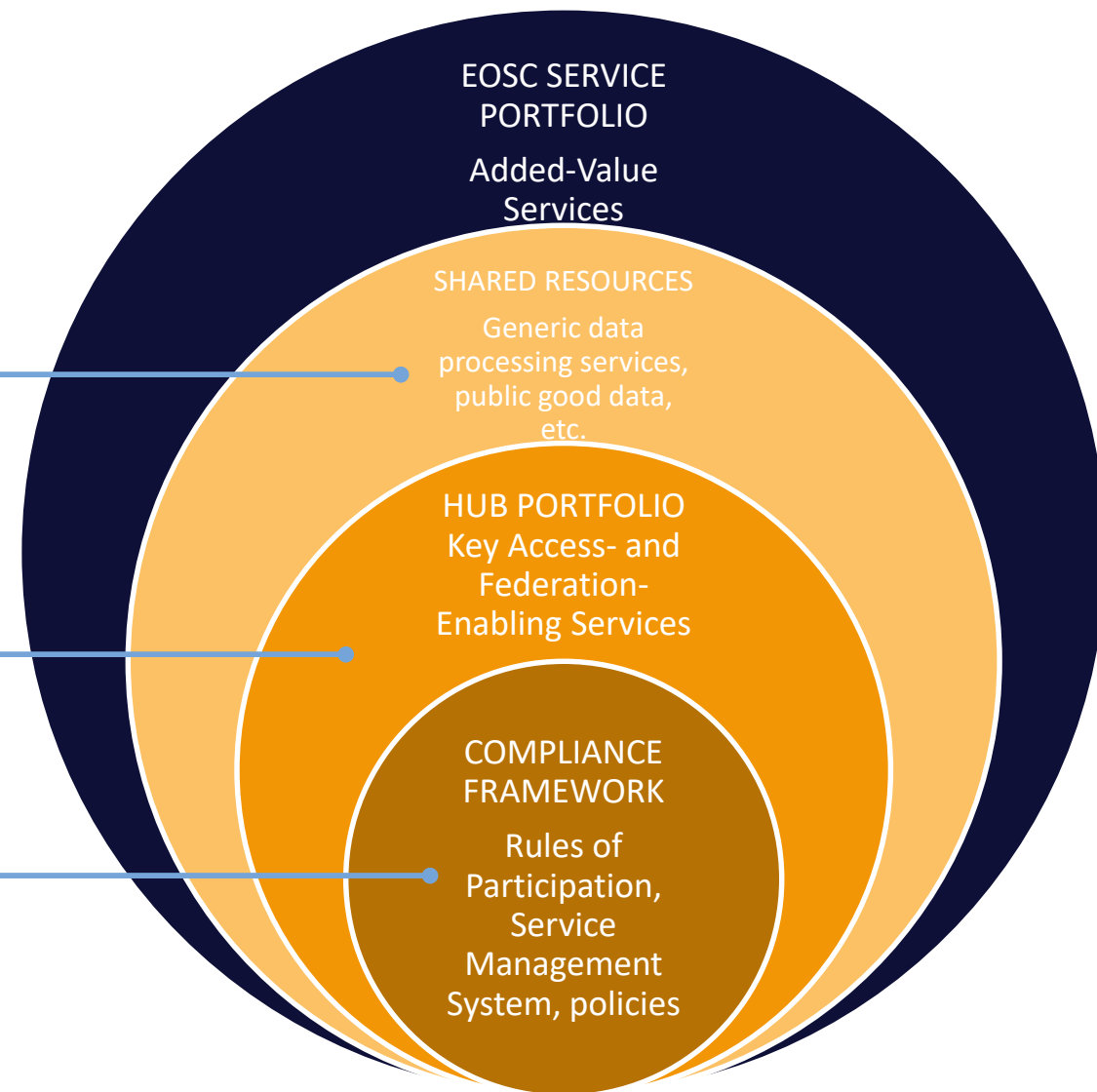
O6

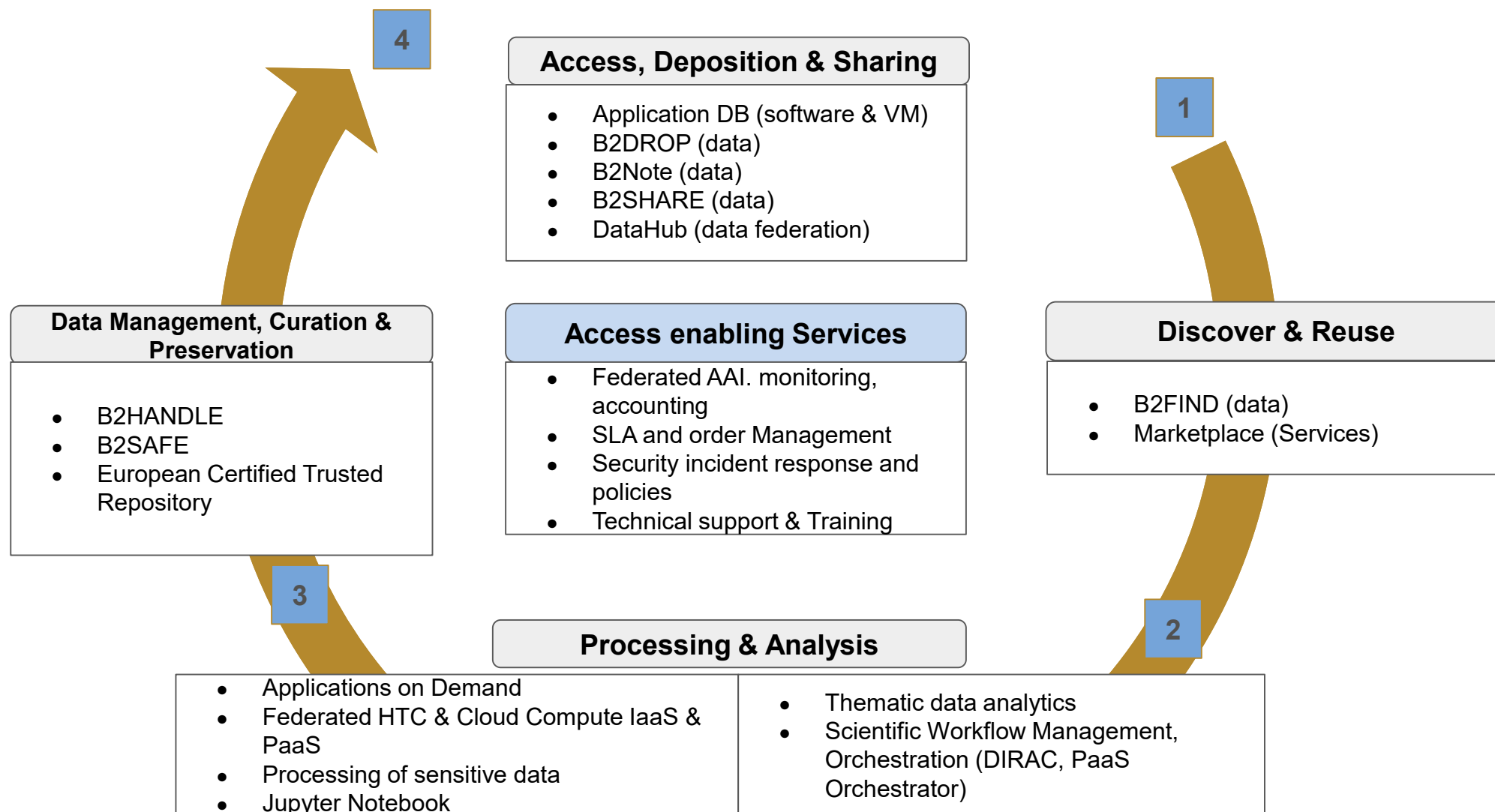
- *Increase innovation capacity of Research e-Infrastructures*

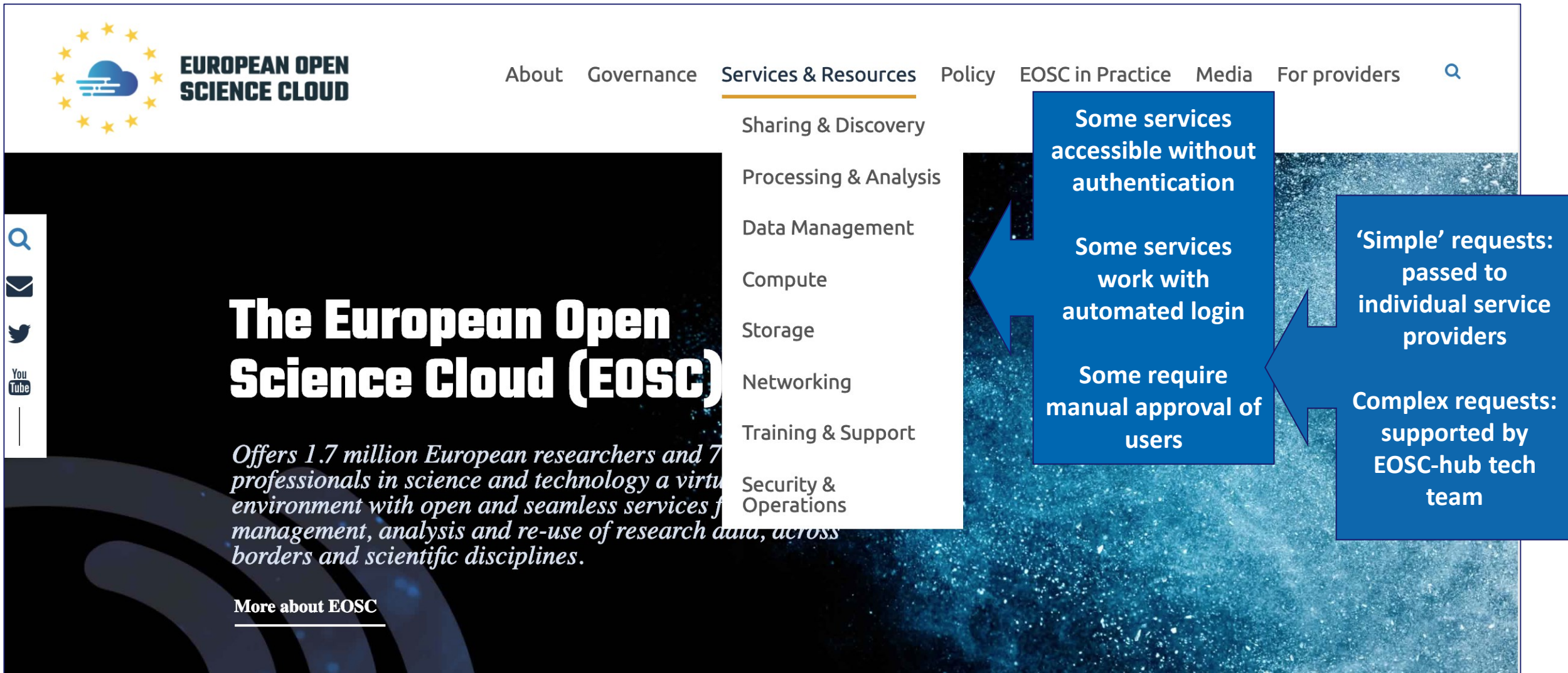


The Federating Core delivers 3 capabilities which are exploited by the EOSC Service Portfolio:

1. **Resource Tier:** Shared resources, including scientific outputs and the compute and storage resources needed to deposit, share and process them.
2. **Federating Tier:** Integration services, activities and tools to provide coordinated access and management of resources.
3. **Regulatory Tier:** Compliance Framework that defines policies and processes for supply and demand engagement

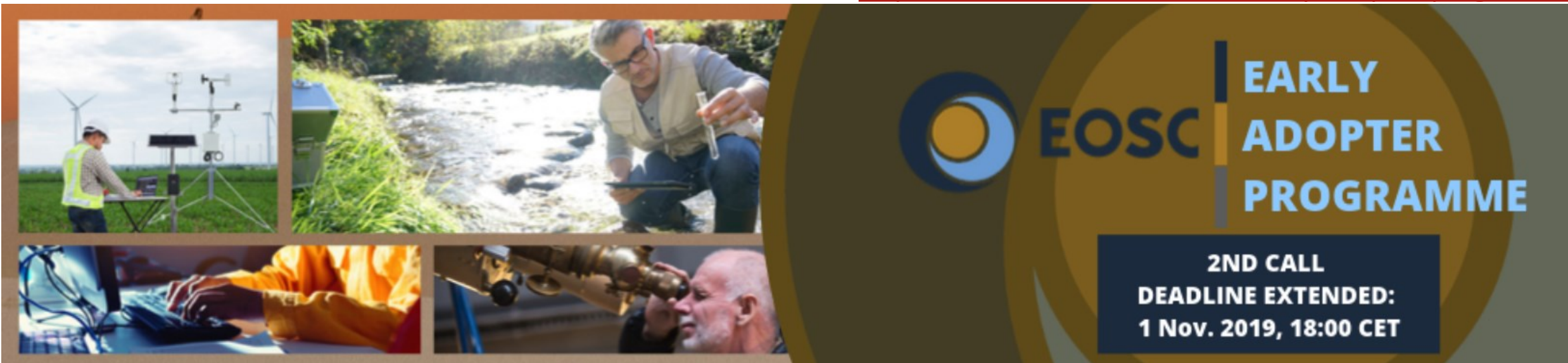






The screenshot shows the EOSC website with the following elements:

- Header:** European Open Science Cloud logo and navigation menu (About, Governance, Services & Resources, Policy, EOSC in Practice, Media, For providers).
- Left Sidebar:** Search icon, email icon, Twitter icon, YouTube icon.
- Main Content Area:**
 - ## The European Open Science Cloud (EOSC)
 - Offers 1.7 million European researchers and 700,000 professionals in science and technology a virtual environment with open and seamless services for data management, analysis and re-use of research data, across borders and scientific disciplines.*
 - [More about EOSC](#)
- Services & Resources Menu:**
 - Sharing & Discovery
 - Processing & Analysis
 - Data Management
 - Compute
 - Storage
 - Networking
 - Training & Support
 - Security & Operations
- Annotations (Blue Boxes):**
 - Some services accessible without authentication** (points to the top of the Services & Resources menu)
 - Some services work with automated login** (points to the middle of the Services & Resources menu)
 - Some require manual approval of users** (points to the bottom of the Services & Resources menu)
 - 'Simple' requests: passed to individual service providers** (points to the top of the Services & Resources menu)
 - Complex requests: supported by EOSC-hub tech team** (points to the bottom of the Services & Resources menu)

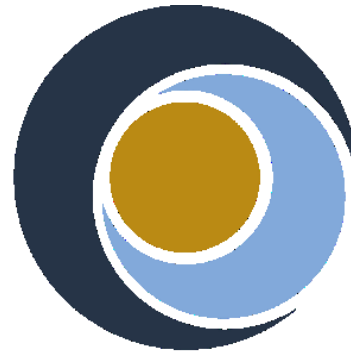


Aim of the programme is

- To train and support researchers on the usage of the resources and services made available by EOSC-hub and partners via the [EOSC marketplace](#) and the [OCRE project](#);
- To gain insight into digital needs of researchers and their use cases;
- To foster a culture of co-operation between researchers and the EOSC service providers (namely EOSC-hub, OpenAIRE, OCRE, and GÉANT).
- To foster confidence in the capability and capacity that will be provided via the EOSC.

**Thank you
for your attention!**

Questions?



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