

# e-Infrastructures: a key asset for European data sovereignty

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# The EOSC Federation has been launched !



# EOSC: a Sovereign Space for Research data

- EOSC is a **federation of services and resources based on sovereign infrastructures**.
- EOSC supports **research collaborations between European Member States** by providing a **unique European sovereign cross-border space** for data and resources.
- **e-Infra Assembly members provide the backbone services** for the EOSC Federation both as a node (EUDAT) and as developers of the EOSC EU Node (EGI, Géant and OpenAIRE).

# **EOSC needs federated and scalable solutions!**

e-Infra Assembly members provide

- Compute & Storage
- Data Management & FAIR Services
- Publishing & Sharing Services
- AAI & Security
- Data Transfer & Sharing
- Training & Capacity Building
- Federated Capabilities & Interoperability
- Network & Infrastructure

**Tailor-made solutions - cross-border, easily integrated, and interoperable!**

# EOSC and e-Infra Assembly members

- Thanks to long-term investments, the **e-Infra Assembly members are trusted long-term providers of sovereign horizontal and federating services**.
- e-Infra Assembly members are **providers of cross-border IT infrastructure and services** to EOSC but are limited by policy restrictions of their members, which limit or exclude their participation in delivery of pay-per-use services
- e-Infra Assembly members have **strengthened their collaborations** to develop the foundations of the EOSC Federation.
- e-Infra Assembly members provide also IT infrastructure and services to a **wide variety of other stakeholders in the research and education sector and could contribute beyond this scope (e.g European Data Spaces,...)** .

# Cross-border services for EOSC

- The prevailing assumption that EOSC is 'free at the point of delivery' needs to be countered with a transparent and fair payment model.
- The EOSC business model should provide strong incentives for European e-Infrastructures to participate and sustain their role in the Federation
  - The financial and legal barriers to transnational access must be removed
- Building on the capacities and contributions of their members, the e-Infra Assembly members are **service integrators**
- The business model should also incentivise Member States by linking national funding to service consumption
  - MS need to be able to assess and prioritise funding, so that both funders and providers can plan with confidence and accountability
- The e-infra Assembly members are European organisations that deliver cross-border services
  - We have a European scope. How could these services be supported with 'national co-funding'?
  - European e-Infrastructures' cross-border activities require full funding

# Choosing Europe

- e-Infra Assembly members have been Choosing Europe since their inception.
- 20+ years of offering services for a strong and innovative Europe
- Digital sovereignty includes the possibility for European researchers and universities **to decide which critical digital resources and capabilities they need**, instead of being dependent on foreign publishers, tech companies, and service providers.
- Either provided directly or through the EOSC EU Node, the **services offered by the e-Infrastructures are a European answer to digital sovereignty.**

# On Sovereignty

- No country has achieved full digital/scientific sovereignty.
- Scientific sovereignty includes the **possibility for countries to shape and sustain their own research agenda**, independent of geopolitical threats or reliance on its neighbours.
- The **e-Infra Assembly members support scientific sovereignty, while maintaining the collaborative core of science** that is inherently international.
- The EOSC delivery model through national nodes is a starting point, but a level on top of this is needed.
- The e-Infra Assembly members offer the key to cross-border cooperation.

# Thank You

