

# The EU's data sovereignty

*- How to strengthen the data and scientific ecosystem in a geopolitical world*

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Sovereignty and organisation of e-Infrastructures at European and National Levels

**e-IRG Workshop**

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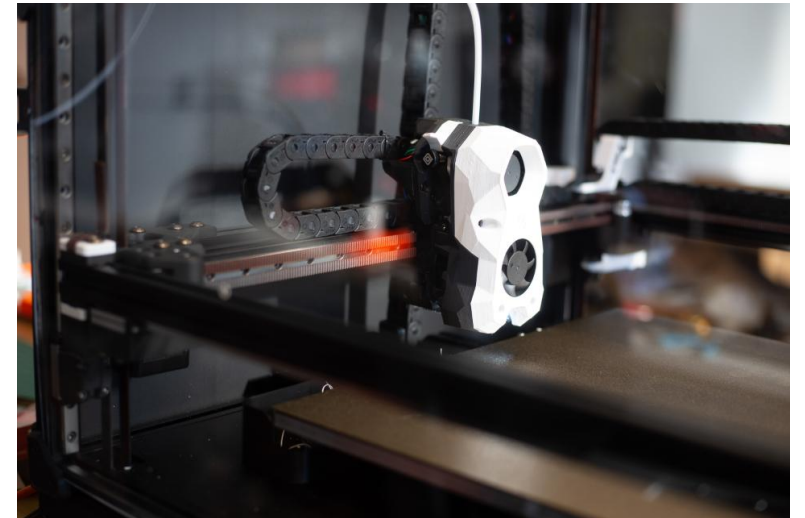
# EU objectives on data and technological sovereignty

- “Sovereignty” is a complex term with specific definitions for subject areas and decision-making levels
- Renewed focus on sovereignty due to geopolitical tensions
- Data, digital and technological sovereignty is addressed in recent EU strategies, including:
  - [European Data Union Strategy](#)
  - [Choose Europe for Science](#)
- Emphasis on strengthening EU capacities and autonomy while remaining open to global cooperation



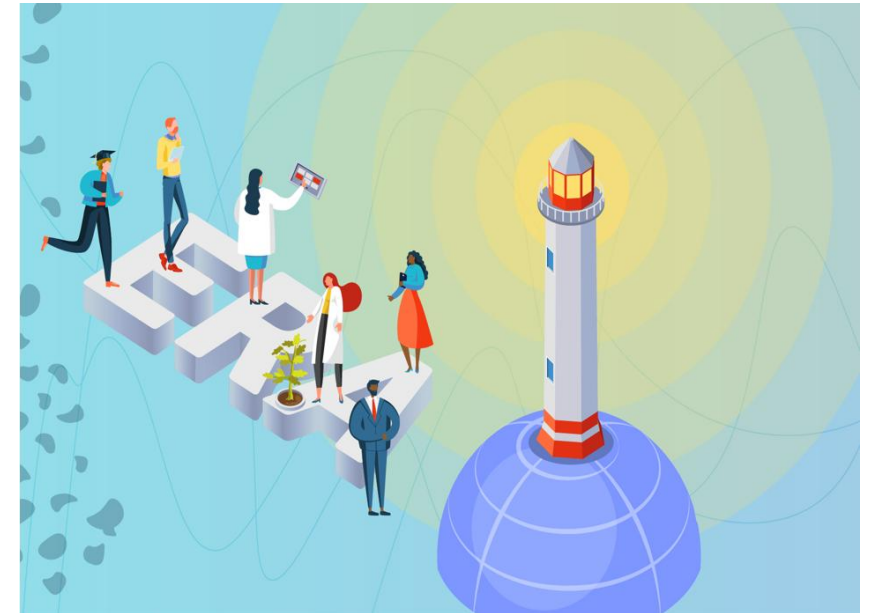
# Strategy on Research and Technology Infrastructures

- Long-term [strategy](#) published on September 2025 to scale and integrate European research and technology infrastructures
- Aims to consolidate the EU's position as a global R&I leader and to attract top talent
- Contributing to Choose Europe for Science
- Reacting to the disengagement of major powers from global R&I cooperation
- Boosting the EU's technological and data sovereignty



# Upcoming European Research Area Act

- Expected to be published in Q3 2026
- Objectives for the act defined in the mission letter to Ekaterina Zaharieva:
  - Guarantee the free movement of researchers, scientific knowledge and technology
  - Reduce fragmentation
  - Unlock the potential for research and innovation
- Aims to enhance the fifth freedom of the single market



# EOSC-related initiatives on data sovereignty

## **EOSC Steering Board opinion paper**

- "Strengthening European Sovereignty in Data for Research"
- Is about to be finalised and will soon be published
- Focus on open, fair, and trustworthy scientific collaboration, grounded in resilience, interoperability, and shared values



## **Horizon Europe call topics for 2026-2027**

- HORIZON-INFRA-2026-01-EOSC-02: Trusted frameworks for secure and efficient data sharing in EOSC)
  - Development of data sovereignty frameworks across Europe
- HORIZON-INFRA-2027-01-EOSC-01: Expanding and deepening the EOSC Federation (EOSC Partnership)
  - Leveraging national funding to support access to cost-intensive digital services such as storage

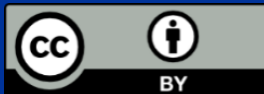


# Role of e-infrastructures

- e-infrastructures are a key contributor to deliver on EU initiatives to enhance data and technological sovereignty
- The data and digital services provided by e-infrastructures are essential to strengthen the EU's:
  - Autonomy
  - Capability to engage in global cooperation
- Direct role of e-infrastructure in:
  - EOSC
  - Research and technology infrastructures
  - AI factories



# Thank you



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