EOSC Node Finland



Why an EOSC national node?

In 2030, Finland will be a leader in smart and sustainable Research, Development, and Innovation activities, creating a strong foundation for future development and innovations

Researcher Centricity

Researcher at the Center

Services support researchers in progressing smoothly through the research process and ensure that the best option for the research is a frictionless way for the researcher to move forward.

Researcher's MyData

Researchers can manage their own data, materials, and processes and transition effortlessly from one service to another.

Collaboration

Researchers can collaborate across borders safely and can actively participate in the research and innovation activities of commercial entities

As Open as Possible, as Restricted as necessary

Comprehensive Service Infrastructure

The service infrastructure for research data management is comprehensive, unified, and interoperable.

Built-in FAIR Principles

Services support FAIR principles, lifecycle planning, and management, ensuring the accumulation of metadata.

Data Security and Privacy

The management of rights, responsibilities, data security, privacy, and risks is straightforward and clear.

Responsible and Impactful

Governance

The production and development of services are managed, efficient, and sustainable, with resources allocated transparently.

Regulation

The regulation of research data management strengthens the reuse and accessibility of research data and is clear and consistent.

Artificial Intelligence

Artificial intelligence creates new capabilities and supports research as well as the management of research data.

Ethical Excellence in Every Action

DRAFT

Target state for research data management 2030

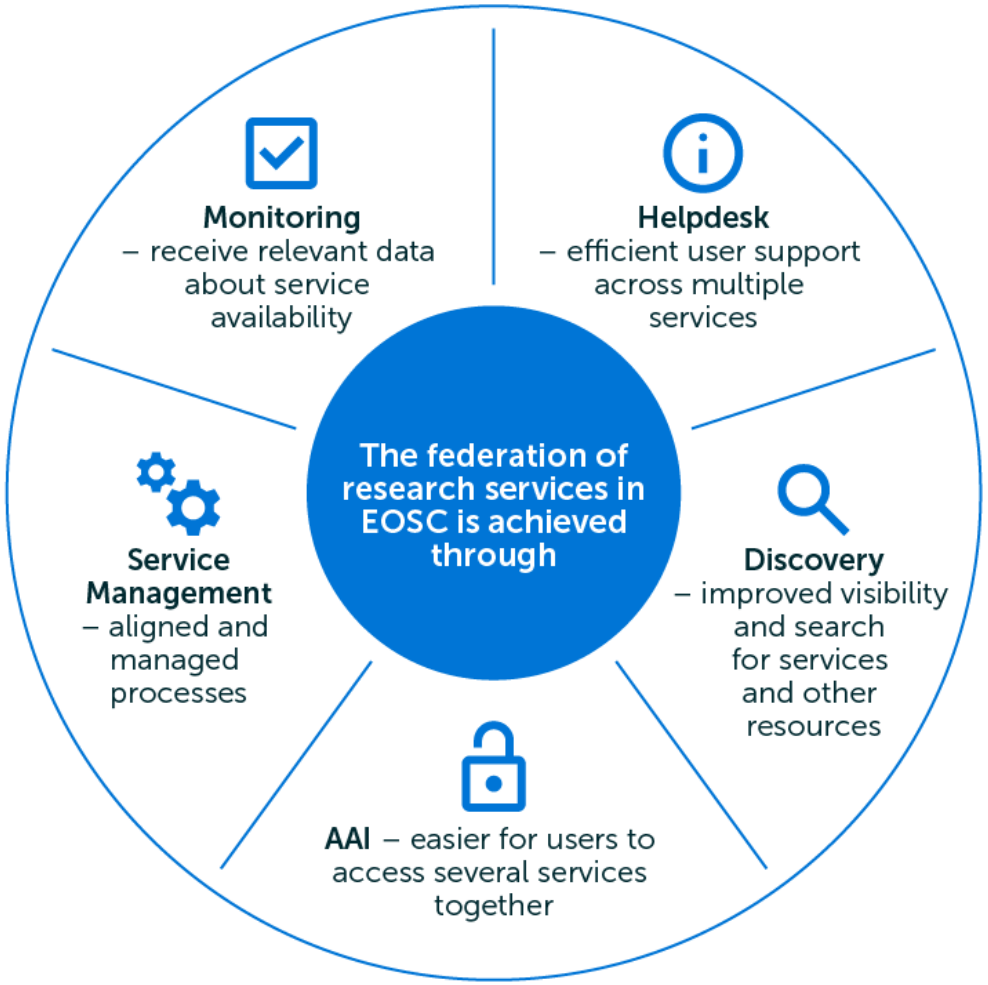
EOSC Node Finland – federating your resources within Europe!

Finnish Excellence, European Reach

The European Open Science Cloud (EOSC) Federation is a European effort to integrate research data and service infrastructures across countries and disciplines to enable researchers to find, access, share, and reuse FAIR scientific resources.

EOSC Finland serves as a country-level entry point within this federation, linking national research data, services, and infrastructures to the wider European Open Science ecosystem.

CSC – IT Center for Science facilitates the EOSC Finland Node and supports the EOSC Federation's federating capabilities.



EOSC Node | Finland

Smooth Access, Shared Standards, Stronger Research

Finnish Excellence, European Reach



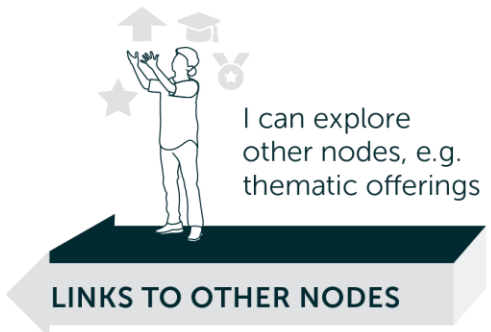
I can search available services all over Europe

SERVICE CATALOGUE



I can use services offered by the Finnish node

USER SPACE



I can explore other nodes, e.g. thematic offerings

LINKS TO OTHER NODES



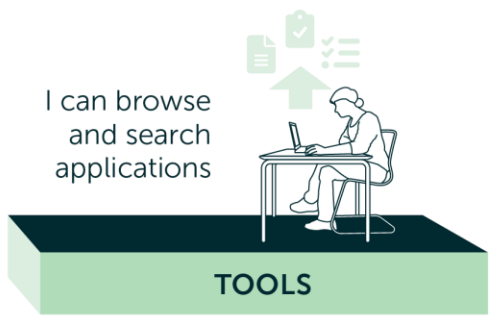
I can learn about the federation and how to use it

EOSC FINLAND



I can find Finnish data to work with

DATASETS



I can browse and search applications

TOOLS



I can get an understanding of Finnish research and find all kinds of research outputs

PUBLICATIONS

EOSC Node | Finland

EOSC Node | Finland

- EOSC offers a **shared AAI solution** that enables seamless cross-border/organisation authentication and authorisation management
- This serves researchers nationally and at a European level



The researcher is the focal point of research-centric design

- EOSC Finland produces a **high-quality national service catalogue** that also includes information on European services that are accessible to Finnish researchers
- The **joint EOSC architecture** enables improved **monitoring** of infrastructure and research services, also when using non-Finnish services

- EOSC Finland collaboration develops **shared data models and APIs** for the benefit of scientific research
- EOSC Finland implements **national reference architectures** ensuring that Finnish services and researchers are included in EOSC development and that Finnish investments are used for maximum benefit

EOSC Node Finland – Your Gateway to Open Science

Provides **visibility and access** to Finnish digital resources for researchers, both nationally and within the EOSC Federation.

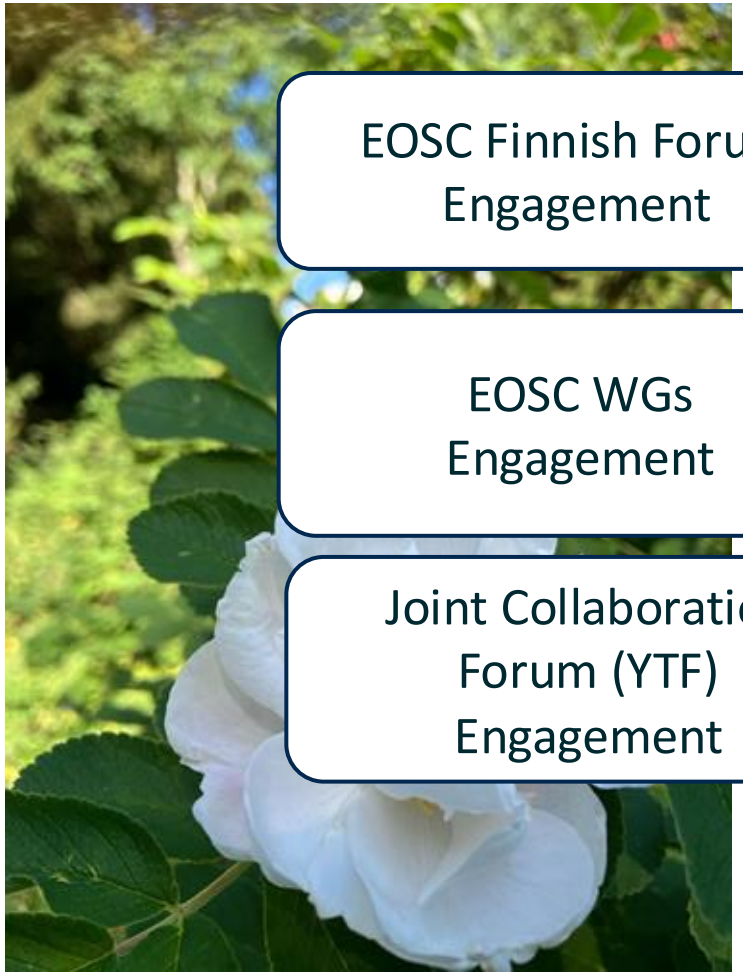
Key Functions:

- Publish metadata about services/data → **increase discoverability**.
- Federate resources to **EOSC EU Node (EEN)** via APIs.
- Advancing **FAIR principles**.

Resources remain with the onboarding party; the Node facilitates access and compliance.

No system or policy yet for resource exchange

Policy governance for EOSC Node Finland



EOSC Finnish Forum Engagement

EOSC WGs Engagement

Joint Collaboration Forum (YTF) Engagement

EOSC Finnish Forum Coordinating Committee

Open Science Data WG

CSC RI Core services

Approves policies and guidelines

Prepares policies and guidelines

Core capabilities

EOSC Node | Finland

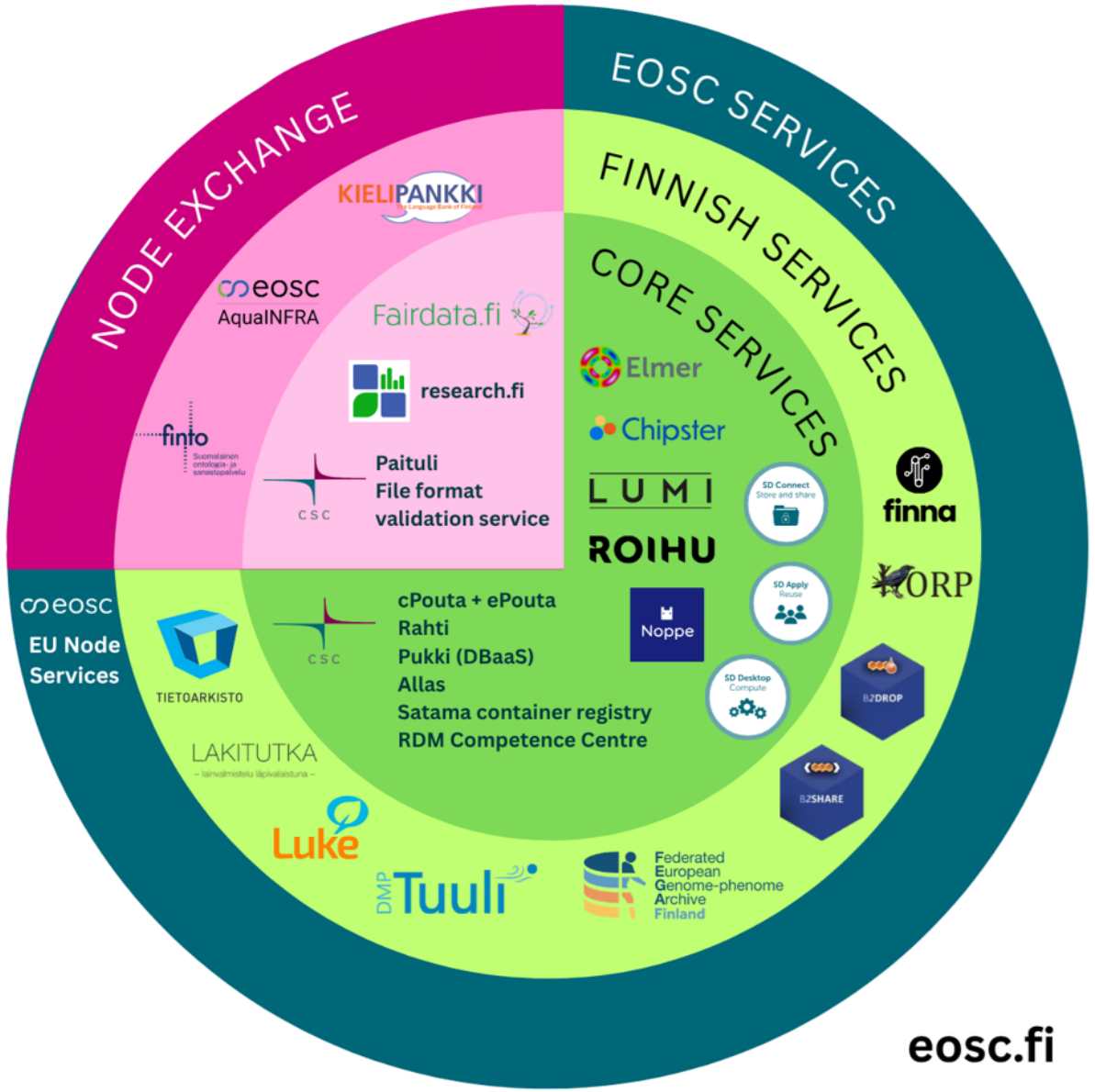
EOSC Node Finland – the right resources for your research

By October 2026, EOSC Node Finland has onboarded 43 services onto the Node's Service Catalogue in close collaboration with Finnish RPOs.

The catalogue software is published in GitHub. Services are open access or accessible via MyAccessID or the Finnish AAI solution Haka.

The services support researchers throughout the research life cycle, enabling them to find services for smooth workflows and improved quality of research.

Publishing & Discovery	**17**
Storage Services	**15**
Data Processing & Analysis	**11**
Compute Services	**11**
Networking Services	**5**
Research Assessment & Monitoring	**3**
Data Management & Curation	**2**
Research Support & Collaboration	**2**
Training & Skills Development	**2**
Science Gateways	**1**
Infrastructure Operations Services	**1**



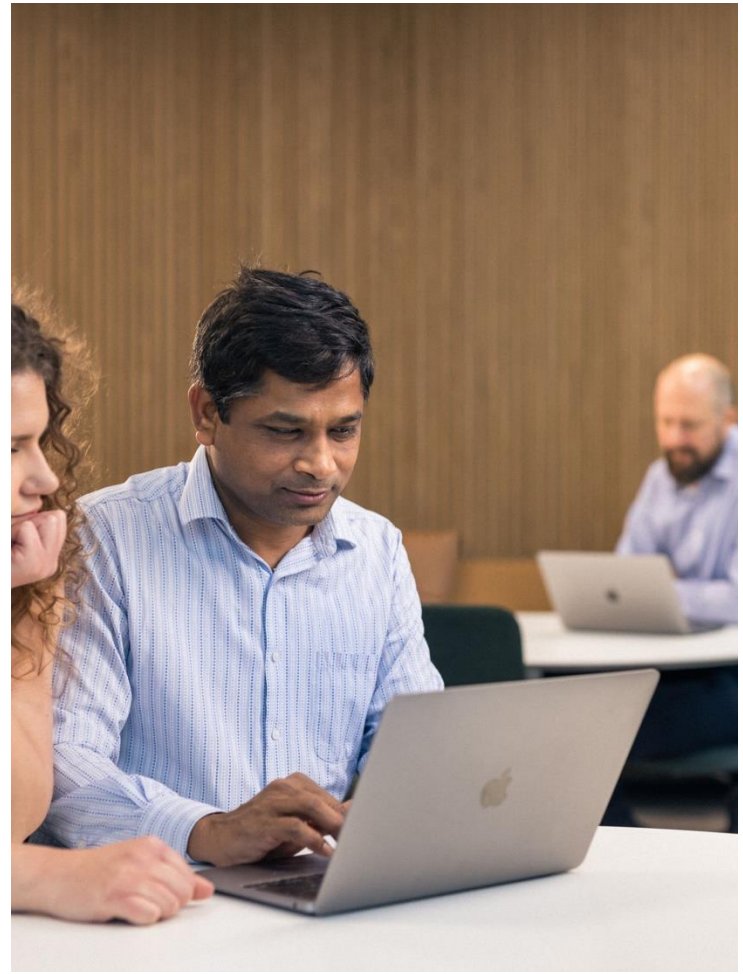
How to Onboard Your Resource

- **Contact** EOSC Node Finland
- **Validate metadata** and ensure compliance with EOSC/Node requirements.
- **Review resource** in collaboration with the Finnish Open Science EOSC Working Group.
- **Agree on federation** (metadata/access) and provide contact info.
- **Curate & manage** the resource; keep metadata/contact info updated.
- **Offboarding:** Notify EOSC Node Finland if removing a resource



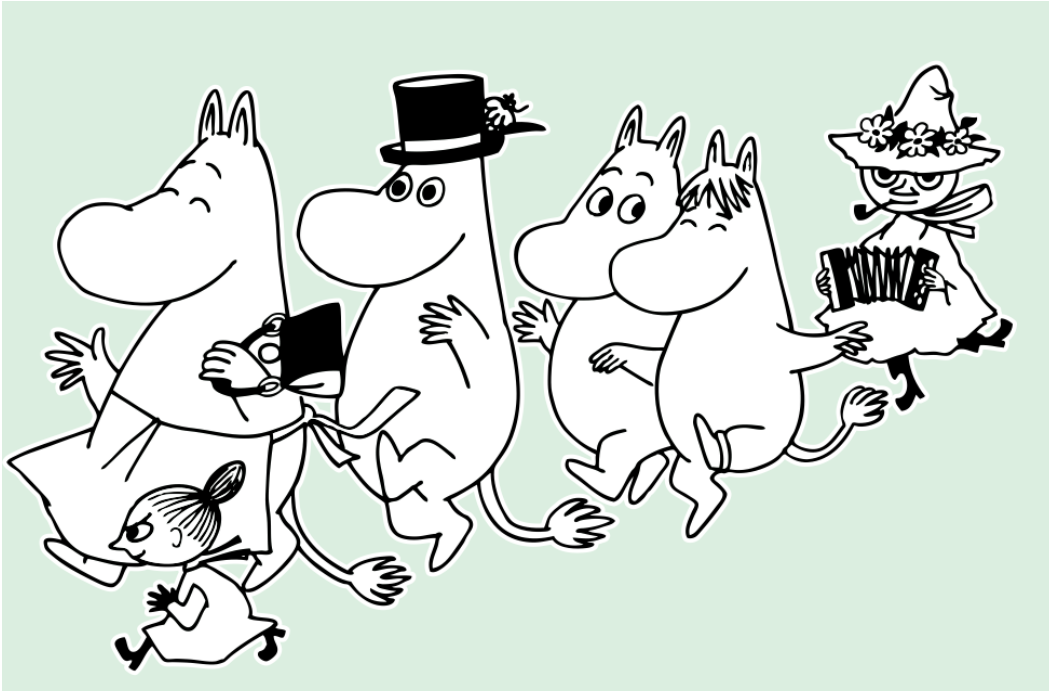
Benefits of Onboarding

- **For Service Providers:**
  - Increase **visibility and accessibility** of your resources.
  - Reach **national and European researchers**.
  - No cost, no EOSC Association membership required.
- **For Researchers:**
  - Access **high-quality, FAIR-compliant** data/services.
  - Seamless **cross-border collaboration**.
- **For Finland:**
  - Strengthen **national data sovereignty** and AI readiness (e.g., LUMI AIF).
  - Contribute to **European Open Science leadership**



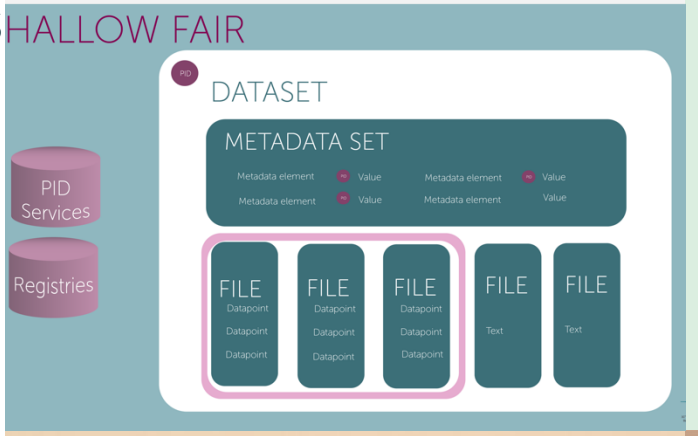
Our implementation approach

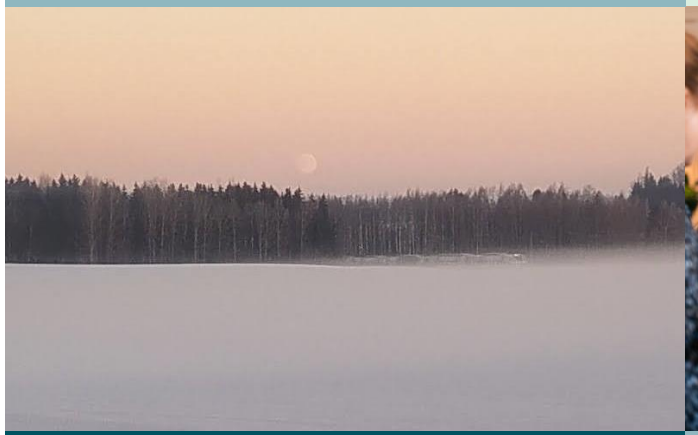
- Scoping of the node: priorities and focus **matching national priorities**
- Setting up of an **inclusive governance** since the start
- **Leveraging on previous investments** and filling the gaps
- **Starting small**: compliance with the mandatory EOSC Federation technical specifications (AAI / Federated catalogues), sharing of non-costly resources
- **Sharing best practices and lessons learnt** with other countries



Main benefits so far

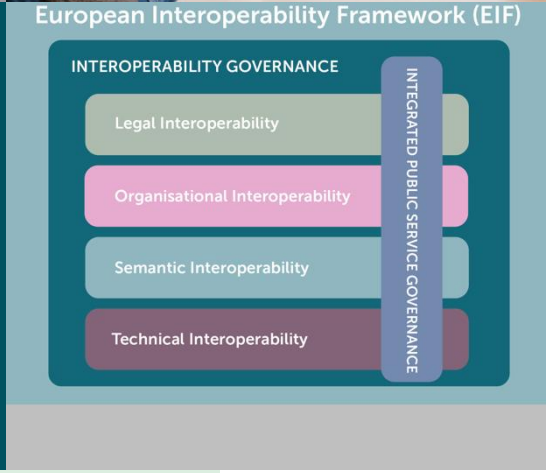
- **Strengthen national collaboration** and **interoperability** work
- Establishing a **more user-centric approach**, e.g. national service catalogue
- **Increase availability of FAIR data**, e.g. for HPC / AI Factories



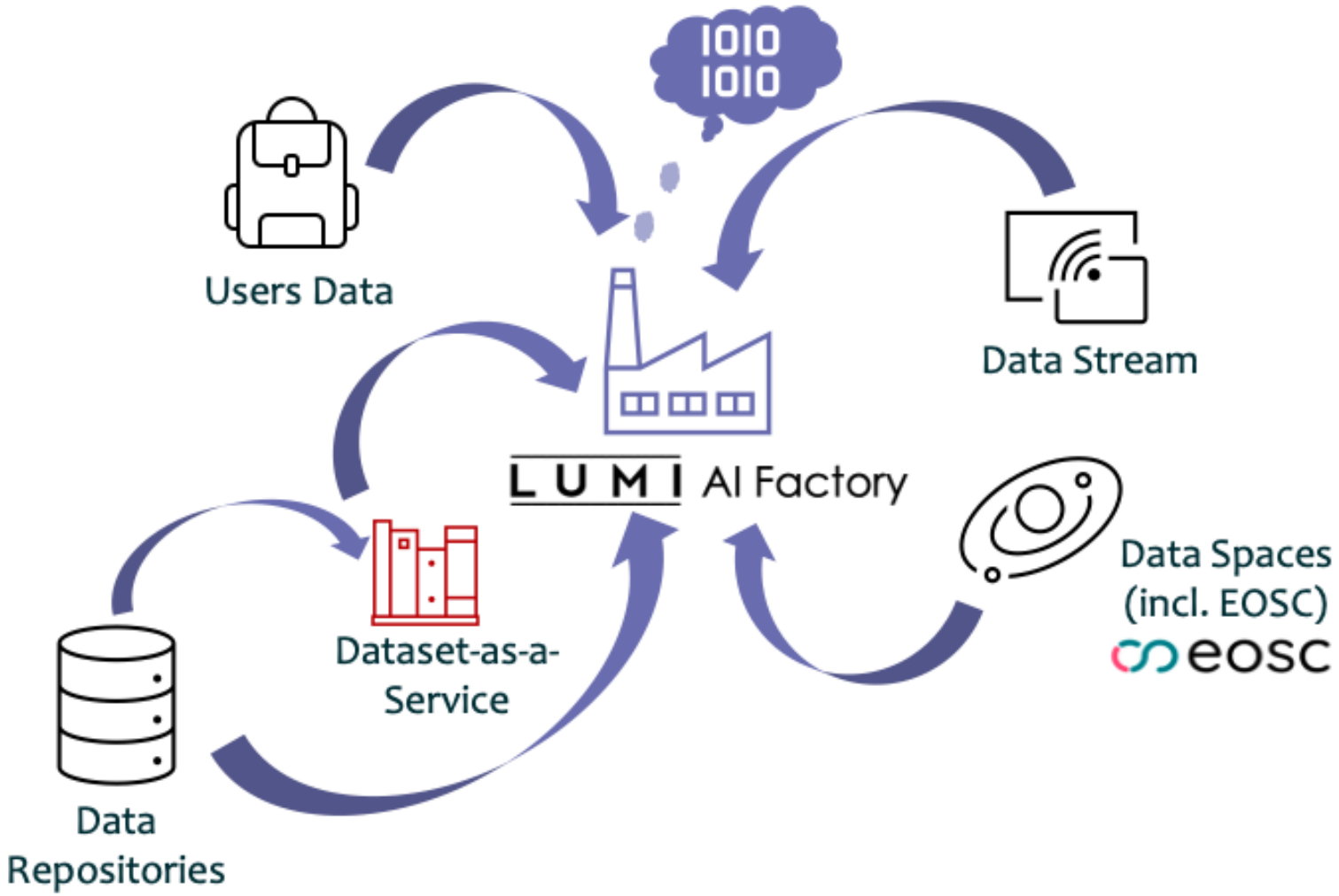




User centricity



Our future vision



Thank you!

Questions?

Let’s collaborate!

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eosc.fi