

EOSC EU Node

Advancing the federation through interoperability
and integration with other EU flagships

Peter Szegedi

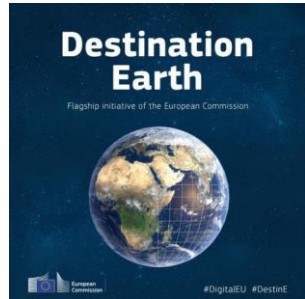
Policy Officer

European Commission

EU Data Lab MVP - Architecture Concept

Minimum Viable Product 2026

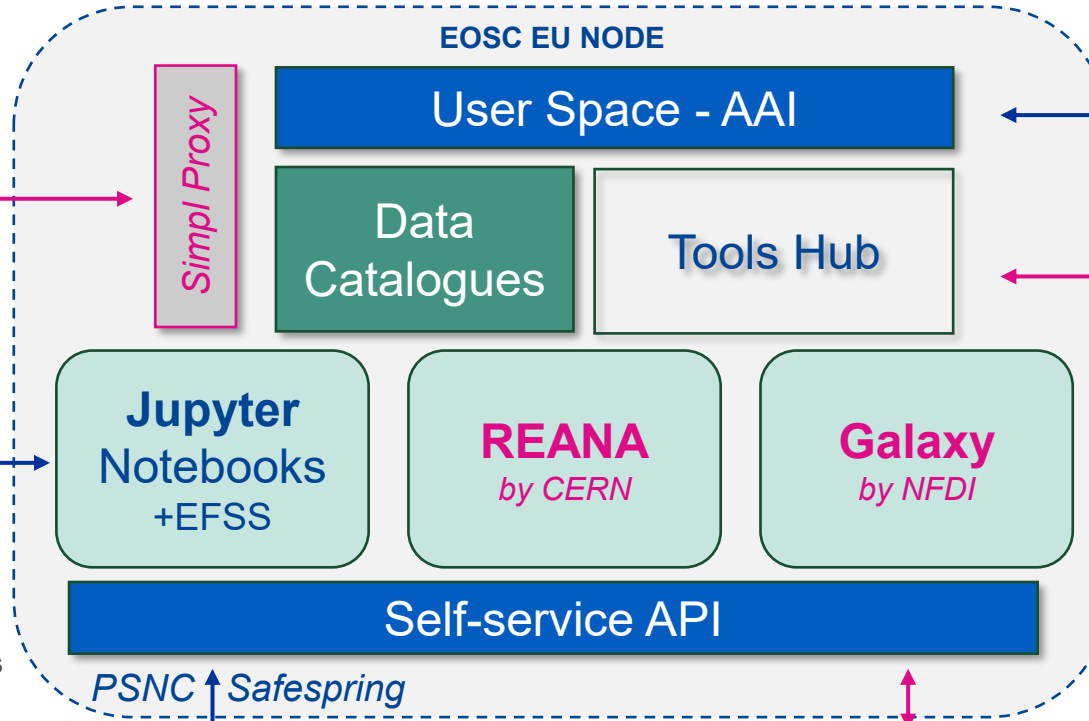
<https://open-science-cloud.ec.europa.eu/>



<https://platform.destine.eu/>



1st and 2nd wave Node Candidates



Authentication, Authorization and Accounting



AI / LLM Models



HORIZON-ZEN+

PSNC Safespring

<https://my-eurohpc.eu/>



EuroHPC Federation Platform

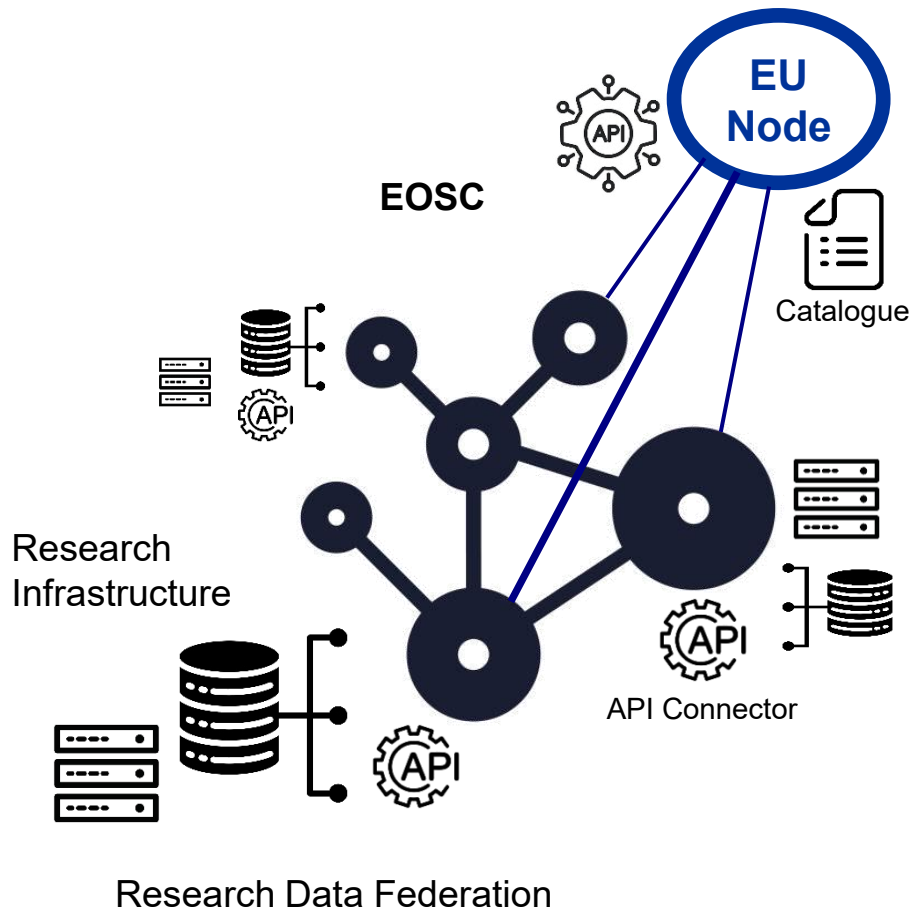
EU Sovereign Cloud and AI Infrastructure

Procured by the EC...



EOSC EU Node and the EU flagships

Data Infrastructure

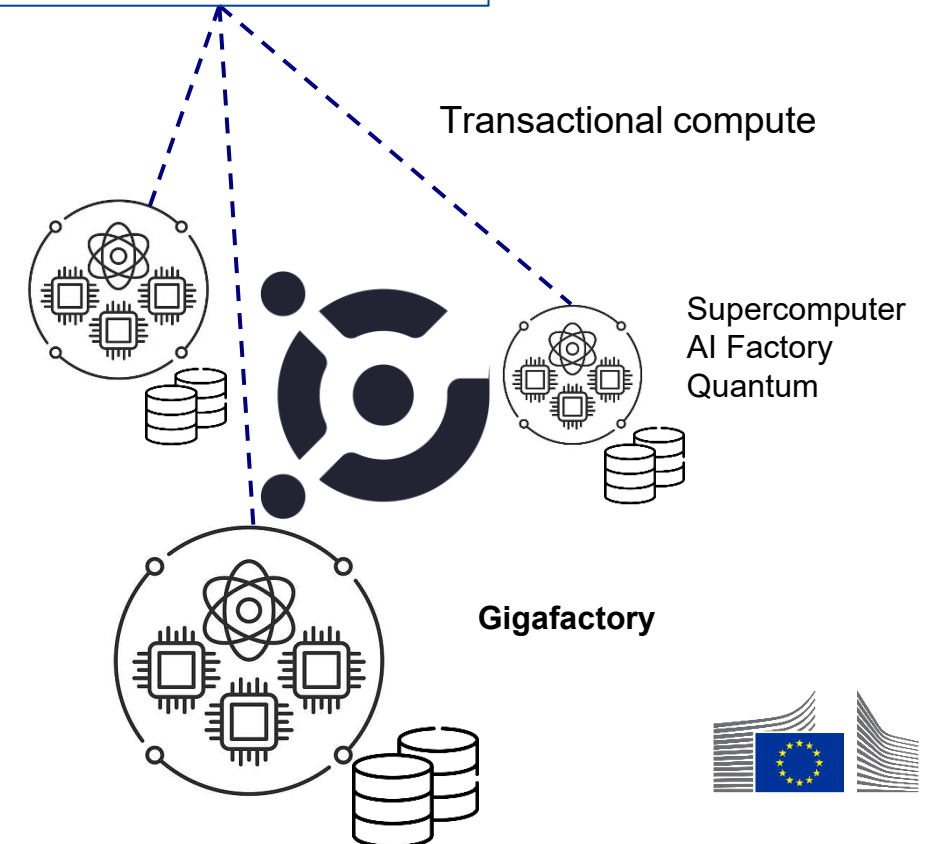


Compute Infrastructure

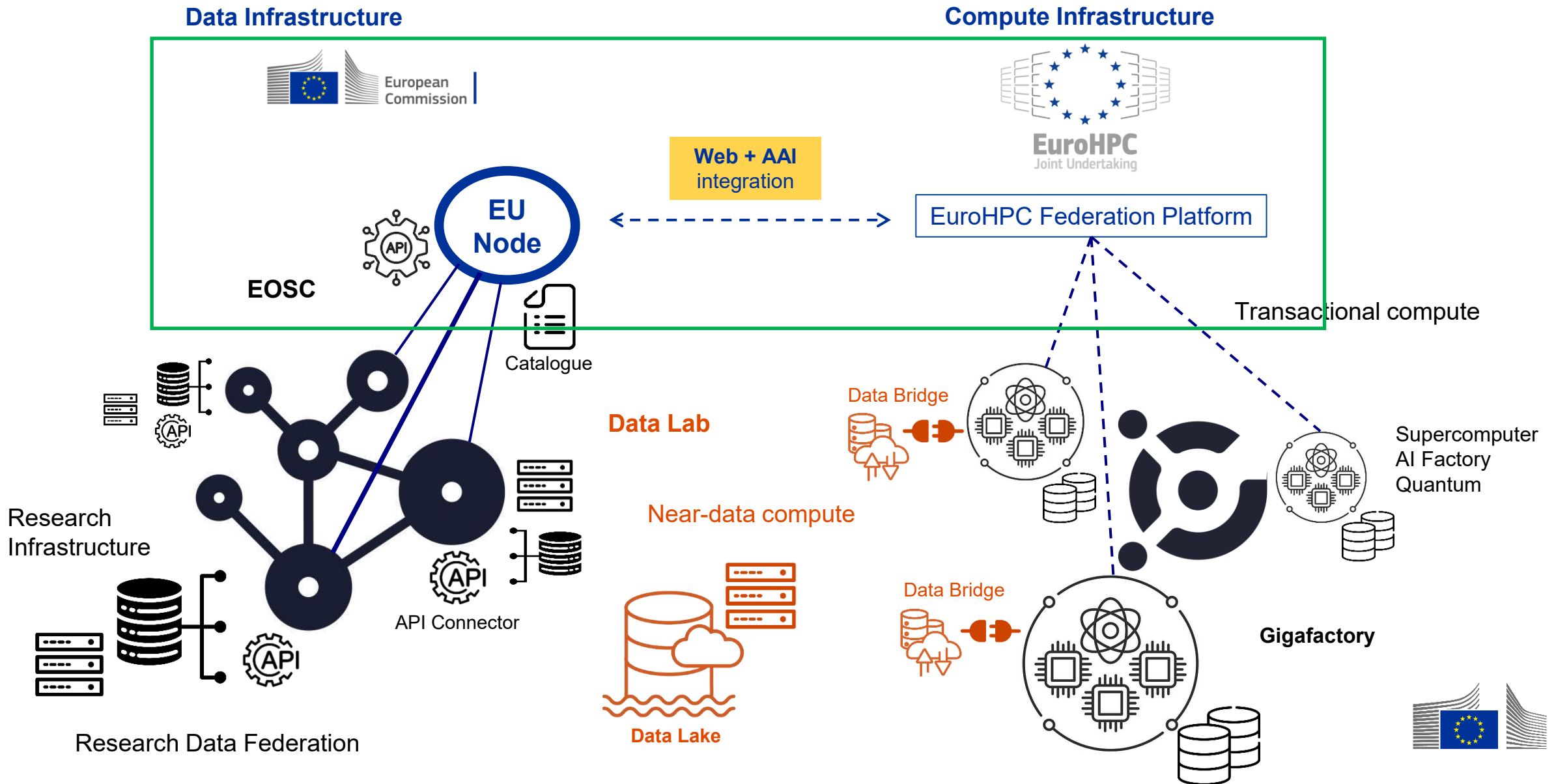


EuroHPC
Joint Undertaking

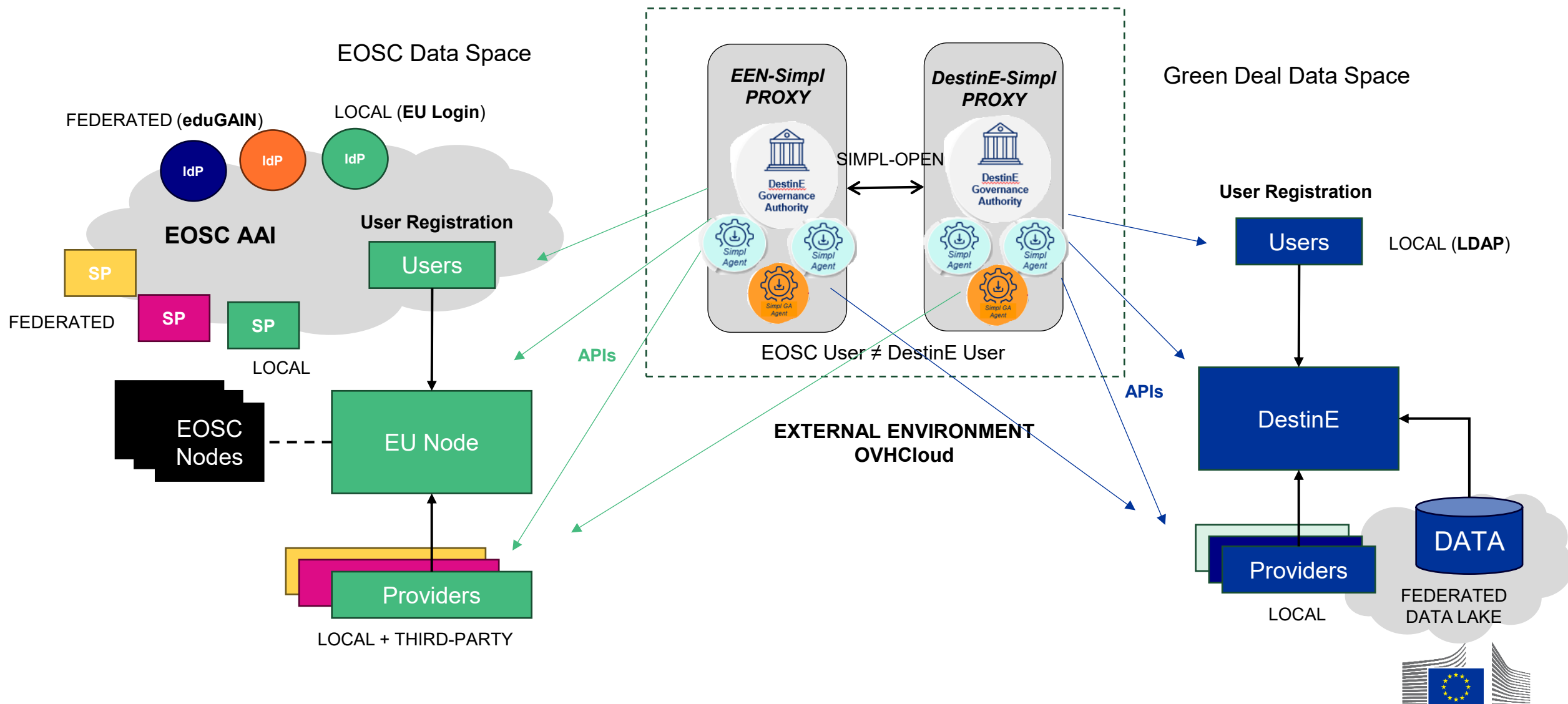
EuroHPC Federation Platform



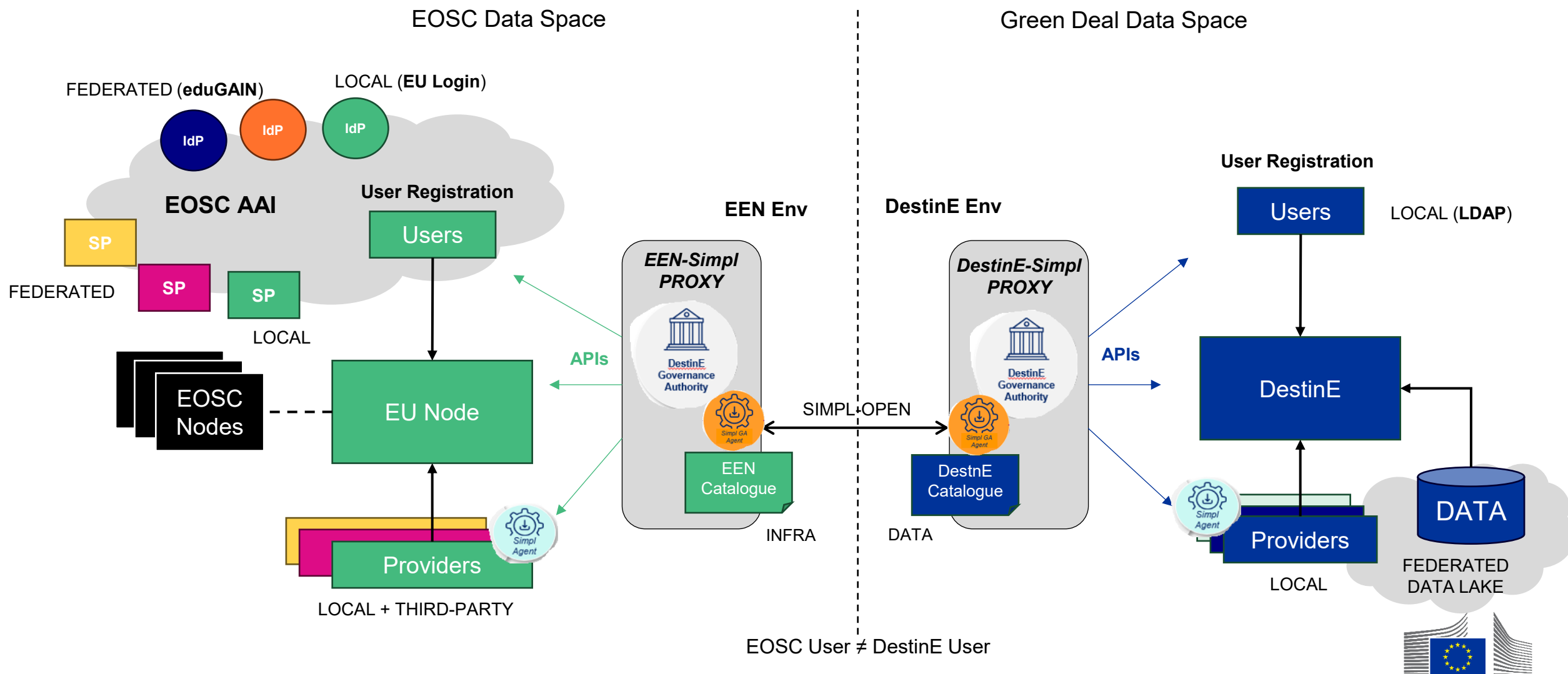
EOSC EU Node and the EU flagships



EOSC EU Node and the EU flagships



EOSC EU Node and the EU flagships



Agenda

09:45

→ 11:00

EOSC EU Node: Advancing the federation through Interoperability and Integration with other EU flagships

📍 Limonaia

The EOSC EU Node (EEN) continues to evolve with new releases for both end-users and contributors designed to simplify day-to-day research workflows and support the development of the EOSC Federation. The latest updates introduce new service features and capabilities for researchers using the platform. They also provide eligible organisations with tools and services for onboarding their offerings to the EOSC EU Node, as well as support the EOSC Node candidates with their enrolment workflow through dedicated node registration services.

The session will highlight the progress of the latest interoperability and integration pilots with EU data spaces and other flagship technology infrastructures. The cross-data space workflows between EEN and the Destination Earth (DestinE) platform - leveraging the SIMPL protocol stack of the EC - will be illustrated. The end-user benefits of federated technology platform interactions between EEN and the EuroHPC Federation Platform (EFP) will be demonstrated and showcased via practical use cases. Together, these improvements strengthen the EOSC EU Node as a gateway for accessing services, managing resources, supporting collaboration, and contributing to a more connected European Open Science ecosystem.

Chair:

Peter Szegedi (Policy Officer at DG-CONNECT C.1 and EEN Service Owner, European Commission)

09:45

Welcome and Introduction

🕒 5m

Speaker: **Peter Szegedi**, Policy Officer at DG-CONNECT C.1 and EEN Service Owner, European Commission

09:50

EuroHPC Federation Platform (EFP)

🕒 20m

Speaker: **Lilit Axner**, EuroHPC Joint Undertaking, **Pekka Lehtovuori**, Director, CSC - IT Center for Science

10:10

Simpl-Open for Interoperable EU Data Spaces

🕒 15m

Speaker: **Arian Artman**, Simpl Contractor, NTT Data

10:25

EOSC EU Node support for Federated EU Platforms

🕒 15m

Speaker: **Thanassis Karmas**, Chief Architect & Operations Lead and EEN Contractor, Athena Research Center (ATHENA RC)

10:40

The first two years of the EOSC EU Node

🕒 20m

Speaker: **Spiros Athanasiou**, Project Manager & Scientific Associate and EEN Account Executive, Athena Research Center (ATHENA RC)



Thank you



Peter Szegedi

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