

6. EOSC Coffee Lecture

Die wachsende EOSC-Föderation – The Next Wave



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Überblick EOSC Coffee Lectures

1. EOSC Coffee Lecture:

“Was ist die EOSC und welche Ziele verfolgt sie?”

Datum: Dienstag, 30. Januar 2024

Uhrzeit: 16:00-17:00

2. EOSC Coffee Lecture:

“Wo steht die EOSC heute und welche Zukunftsperspektiven gibt es?”

Datum: Dienstag, 27. Februar 2024

Uhrzeit: 16:00-17:00

3. EOSC Coffee Lecture:

“Welche Möglichkeiten zur Beteiligung gibt es?”

Datum: Dienstag, 26. März 2024

Uhrzeit: 16:00-17:00

Überblick EOSC Coffee Lectures

4. EOSC Coffee Lecture:

“Die EOSC ist Online! Was heißt das und wie geht es weiter?”

Datum: Dienstag, 12. November 2024

Uhrzeit: 16:00-17:00

5. EOSC Coffee Lecture:

“Die EOSC Föderation – Aktueller Stand und nächste Schritte”

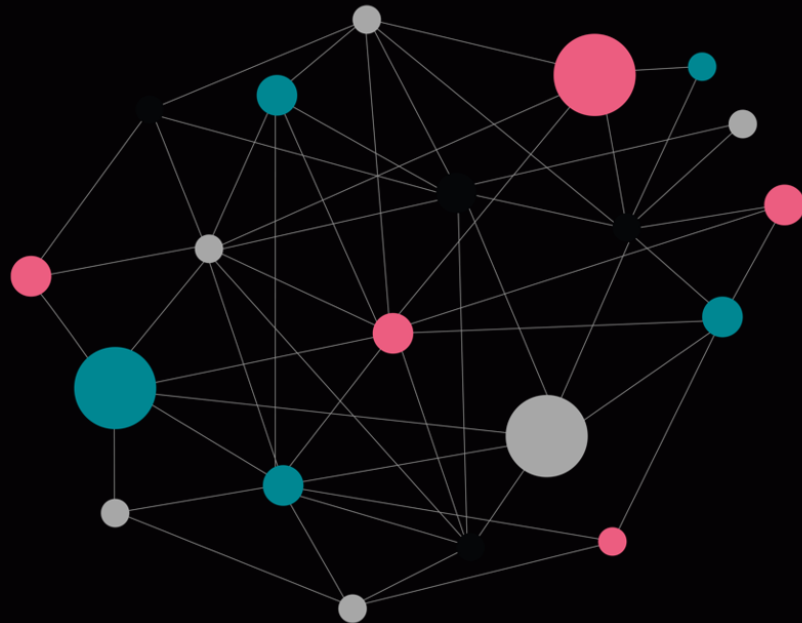
Datum: Donnerstag, 8. Mai 2025

Uhrzeit: 16:00-17:00

Overview 6. Coffee Lecture

- Update zum Stand des Aufbaus der EOSC Föderation
 - Rahmenbedingungen für Aufnahme weiterer Knotenpunkte
 - Unterstützungsmöglichkeiten für weitere Knotenpunkte
- Zeitplan für die nächste Welle

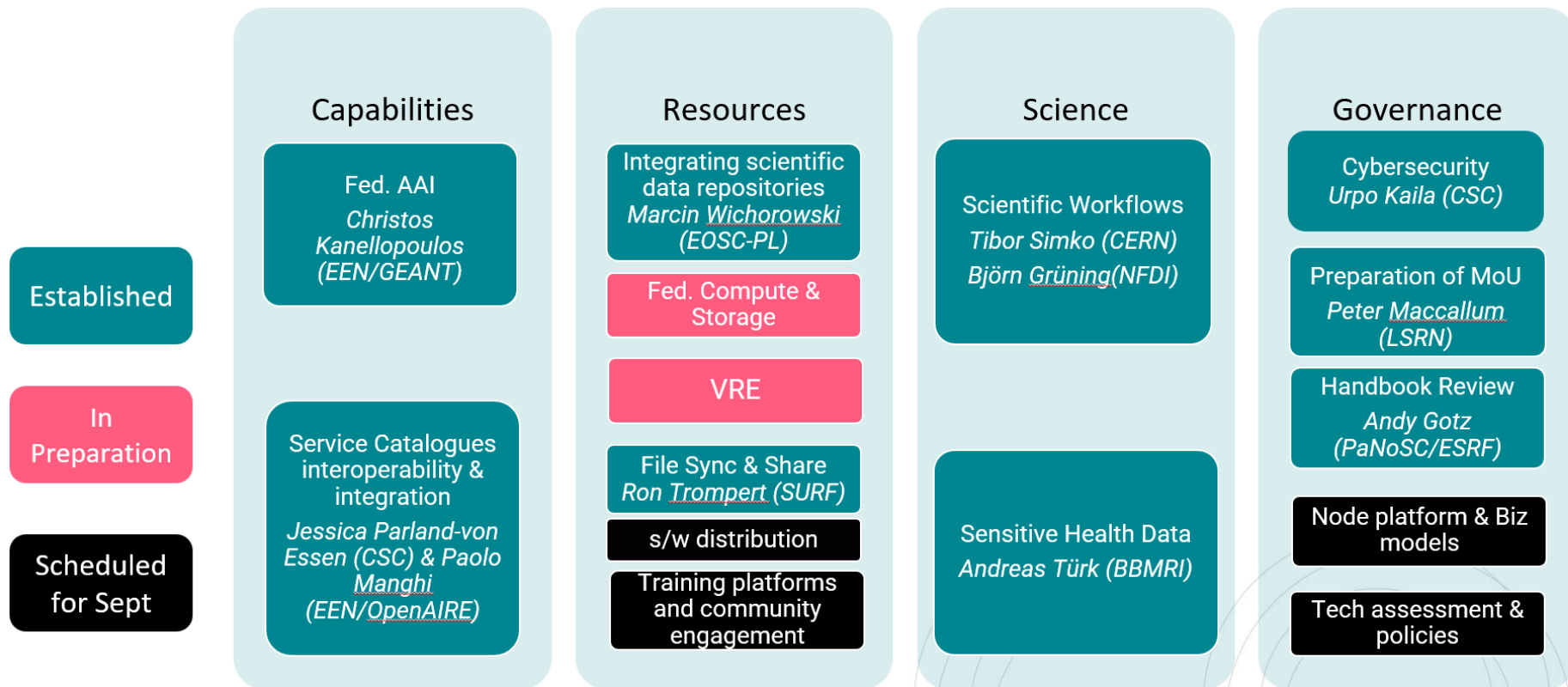
EOSC Federation Build-up



13 Candidate Nodes



Status of Subgroups



Candidate multi-node scientific use cases

Coordinator Dick Schaap

Exploring the impact of marine microbiomes on carbon sequestration

Coordinator Tibor Simko
Coordinator Björn Grüning

Cross-node workflows

- *REANA based ATLAS/CMS experiments' open data processing*
- *Galaxy based imaging data in the environmental and life science domains*

Coordinator Andy Götz

PaN-Finder: Photon and neutron federated knowledge finder an AI-enabled data search tool for navigating the large data sets of European Research Infrastructures

Coordinator tbc

MCVAL: A prostate cancer screening tool that employs multi-centric validation of AI models

Coordinator Jaroslav Budis

AMR: Use of genomic sequencing analysis to facilitate cross-border surveillance of anti-microbial resistance

The next wave





Piloting the Federation Enrolment Strategy

Planning for 2nd wave and role of 1st wave Nodes in the process

#EOSC #EOSCTripartite
#OpenScience #EUResearchArea

Research and
Innovation

Piloting the EOSC Federation enrolment strategy

General requirements #1

1. Applicants must be interested in **enrolling as a separate EOSC Node**.
2. Applicants must be a **public-benefit legal entity** located in an EU Member State or a country associated to Horizon Europe, with full capacity to establish legal agreements or a **consortium with an identified coordinating legal entity**.
3. Applicants must have the capacity or have a clear plan to develop the **capacity to implement activities that enable the broader represented community** to engage and participate in the EOSC Federation.
4. Applicants must agree to comply with the **technical specifications** regarding integration in the Federation. Compliance with the EOSC AAI and exposure of their resources through a common EOSC catalogue are of particular importance.
5. The resources that applicants aim to make available to EOSC users via an EOSC Node must operate at **minimum at TRL 7**.

Piloting the EOSC Federation enrolment strategy

General requirements #2

6. Applicants must commit at least **five individuals** involved for the duration of the build-up phase, and assign the roles of coordinator, operations officer, a legal officer, a cybersecurity officer and a communications officer.
7. Applicants must agree with **existing candidate Node(s)** or other applicants to align on and propose the development of at least **one scientific multi-Node use case** or one use case realising a concrete **contribution to federating capabilities**.

Main remarks on 7:

- The proposed use cases will be described in a 'project charter' that will be part of the application template.
- The **other candidate Nodes** or applicants involved in the development of the use case must be mentioned in the project charter. In case they include applicants, the relevance of the use case in the application will be valid only if these other applicants also fulfil the application criteria.
- Use cases additional to integration in the EOSC AAI and exposure of resources in the EOSC catalogue.
- The project charter must include a timeline of realization of the use cases, that is agreed upon with the involved organisations.

Piloting the EOSC Federation enrolment strategy

Additional requirements #1

for EOSC Nodes of national/multinational scope

- **NAT.1.** In order to maximize geographical coverage, priority in scheduling will be given to **EOSC Candidate Nodes from countries not represented by the existing candidate Nodes.**
- **NAT.2.** Applications must be accompanied by a written endorsement/ acknowledgement of the corresponding national authority/ies.

for EOSC Nodes of thematic scope

- **THEM.1.** Applicants must represent a **multi-country, European collaboration in a specific thematic area.** At this stage priority in scheduling will be given to ERICs, ESFRI Landmarks, European Intergovernmental Research Organisations or organisations representing an ESFRI Science Cluster.
- **THEM.2.** For collaborations without a legal form: applications must be accompanied by a written endorsement/acknowledgement by the members of the collaboration towards the organisation representing the collaboration.



Piloting the EOSC Federation enrolment strategy

Additional requirements #2

for European e-infra EOSC Nodes

- **DIGIT.1.** Applicants must represent a **multi-country, European research e-infrastructure collaboration**. At this stage priority in scheduling will be given to ESFRI Landmarks or other European collaborations included in the Landscape of the Data, Computing & Digital RIs domain of the latest ESFRI Landscape Analysis (2024)
- **DIGIT.2.** For collaborations without a legal form: applications must be accompanied by a written endorsement/acknowledgement by the members of the collaboration towards the organisation representing the collaboration.

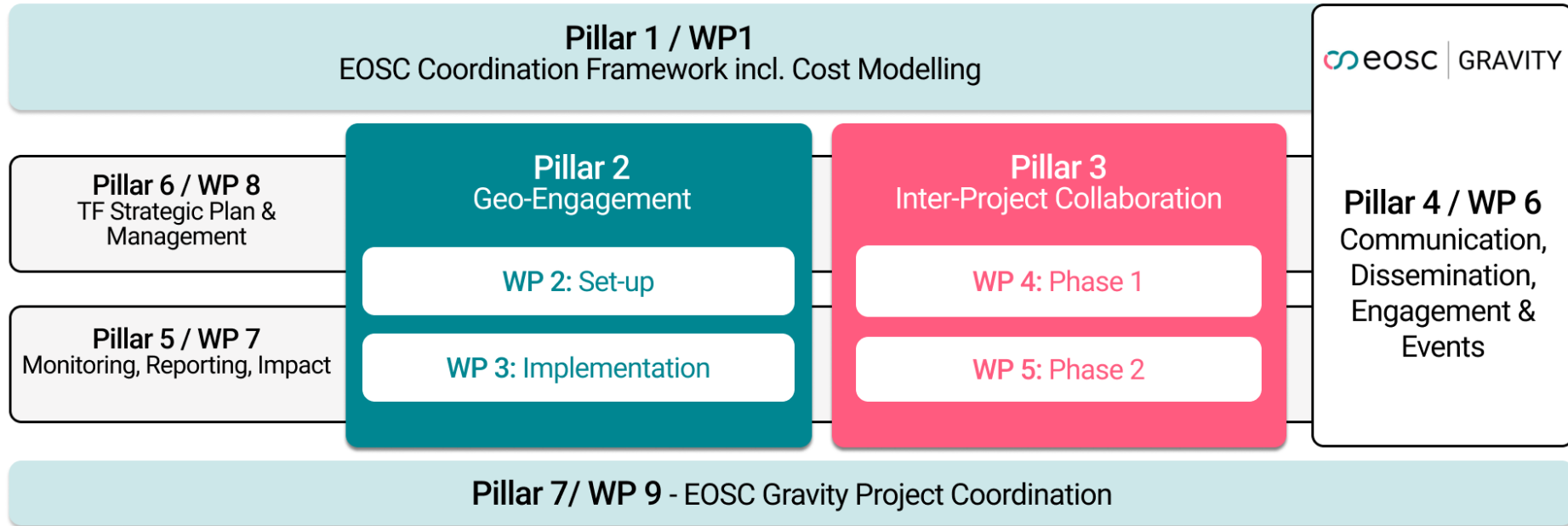
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Support by

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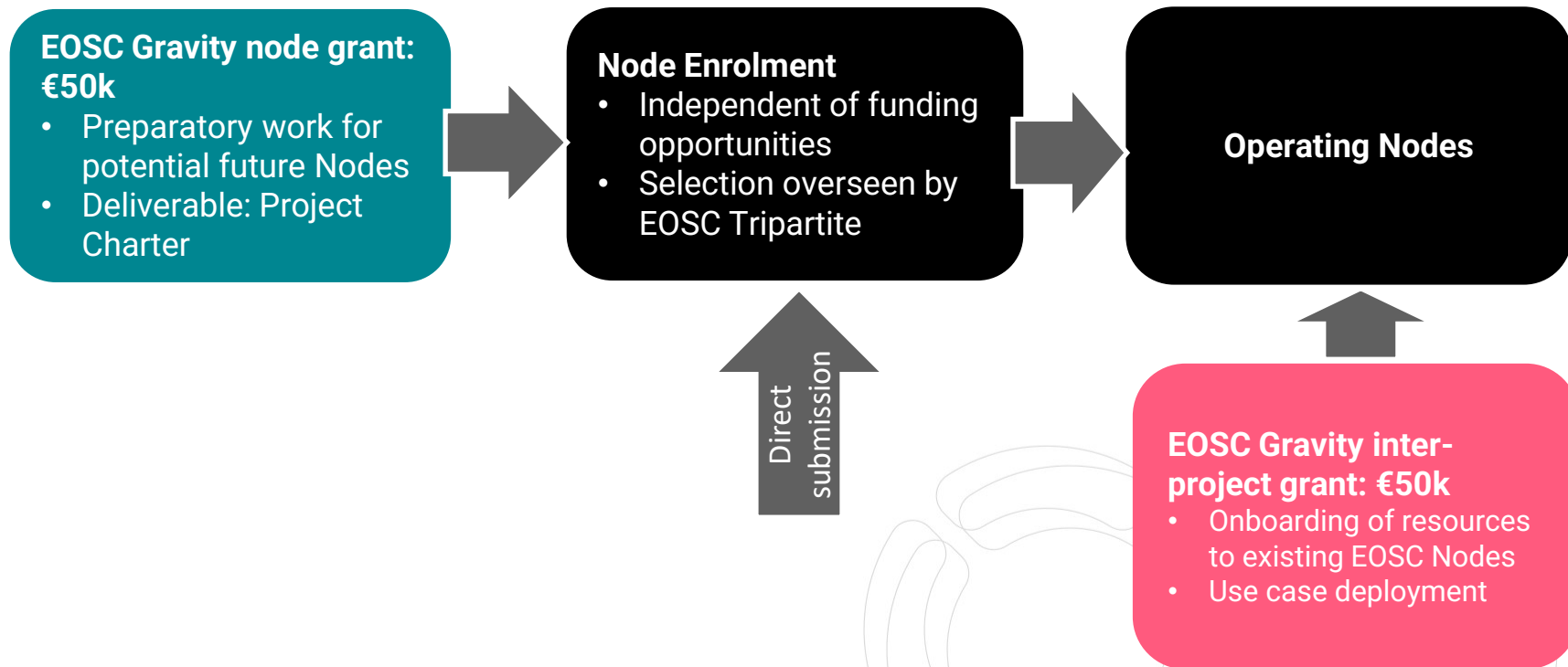
June 2025 – December 2027





eosc Growing the EOSC Federation

financial support opportunities available via EOSC Gravity project



eosc Growing the EOSC Federation

Upcoming activities

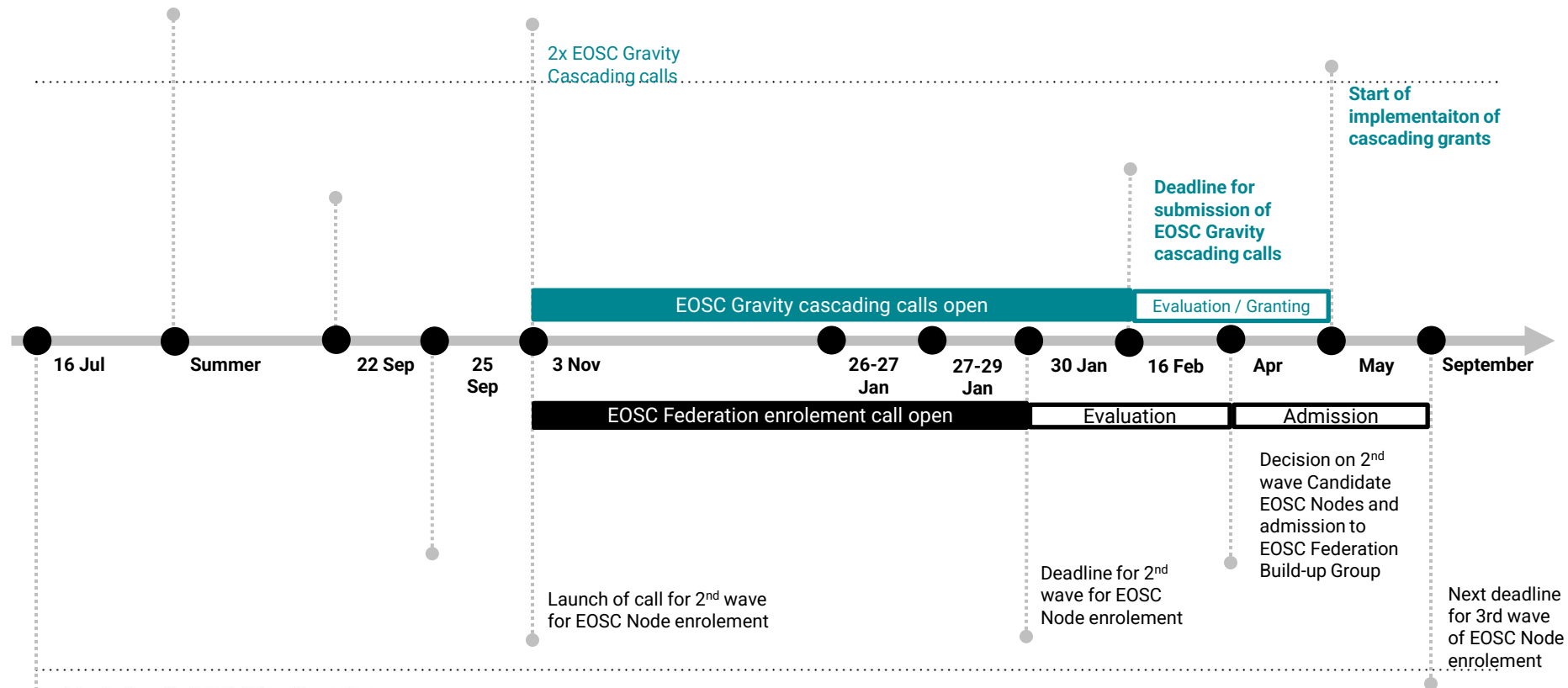
Calls running in parallel

	Enrolment call of EOSC Tripartite Governance	Cascading grants under EOSC Gravity	Inter-project call openings
Total funding	NO FUNDING involved	€800k	€800k
Max. grant amount	Not applicable	€50k	€50k
Details	<p>Call for further Candidate EOSC Nodes only</p> <p>Evaluation, selection, decision-making with Tripartite Governance</p>	<p>1 geo-grants call opening</p> <p>Support for preparatory work for potential future Candidate EOSC Nodes</p> <p>Deliverable: Project Charter</p>	<p>2 call openings</p> <p>Support for:</p> <ul style="list-style-type: none"> • Onboarding of resources to existing EOSC Nodes • Use case deployment • Support of selected OAEG

eosc Timeline

Gravity
activity

Tripartite
activity





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Further Information

Building the EOSC Federation

[Building the EOSC Federation - EOSC Association](#)

EOSC AAI Architecture 2025

[First deliverable from new EOSC-A Task Forces released: EOSC AAI Architecture 2025 - EOSC Association](#)

EOSC Gravity

[EOSC GRAVITY - EOSC Association](#)

EOSC Symposium 2025

[EOSC Symposium 2025 - EOSC Association](#)