



Proposal of the EOSC Association for EOSC after 2027

EOSC Association Board





Tasks for EOSC Association to see to:

- Outreach to stakeholders
- Manage the 'EOSC' trademark(s)
- Monitor additional activities and KPI
- Contribute to Horizon Europe ERA Actions
- Further develop and govern the EOSC EU node
- Manage the AAI
- Manage PID policies
- Manage an Interoperability Framework
- Manage the compliance framework

EOSC 'helicopter view'

Slide from M. Schouppe (EC)

EOSC-SB meeting #16, Stockholm, 26 April 2023,
and 24 May 2023 Tripartite event on EOSC post-2027

Main EOSC tasks for the future

Task 1: Deploying and operating the EOSC EU node
(Core, Exchange, FAIR Data Federation)

Task 2: Maintaining and updating the EOSC EU node and
expanding the EOSC federation
(with elements that are close to the 'market')

Task 3: Enabling a 'web of FAIR data and services' for
science

Task 4: Develop, prototype and test new elements
supporting the evolution of the EOSC Core and
Exchange and the tools enabling the federation
(elements that can be made ready for the 'market')

Task 5: Enabling Open Science policies and the uptake of
Open Science practices

eosc Comparison of slides 2 and 3

- The EOSC Association is at this moment handling the first four bullet points of the tasks it should see to (slide 2).
- The second set of five bullet points are tasks that are aligned with Tasks 1, 2 and 4 as outlined by the EC (slide 3).
- The EOSC Association proposes to start implementing tasks 1, 2 and 4 of slide 3 in the new governance period (post 2027).
- This leads to **option e** in the list options set out in the draft document on the future



eosc Different options for EOSC post 2027

- Option 0 (baseline scenario): EOSC is implemented directly by the European Commission mainly via FP10 instruments
- Option a: Integrated scenario with EOSC Tasks 1 to 5 implemented as an Article 185 of the Treaty on the Functioning of the European Union with a new private law body with a public service mission including Member State organisations
- Option b: Integrated scenario with EOSC Tasks 1 to 5 implemented as an Article 187 of the Treaty on the Functioning of the European Union with a new EU body in charge of a Joint Undertaking
- Option c: Integrated scenario with a private law body with a public service mission
- Option d: Hybrid scenario with EOSC Tasks 1 and 2 implemented by an external entity and EOSC Tasks 3, 4 and 5 implemented through a continued EOSC European co-programmed Partnership
- Option e: Hybrid scenario with EOSC Tasks 1, 2 and 4 implemented by an external entity and EOSC Tasks 3 and 5 implemented through an 'Open Science' programme of the EU

eosc Proposal for EOSC after 2027

- **Option e:** Tasks 1, 2 and 4 by external (entrusted legal) entity
Tasks 3 and 5 by an 'Open Science' programme of the EU
- Financing:
 - EOSC EU node is financed by the EU
 - Other EOSC nodes are financed by countries, and other parties
 - the linking / onboarding is financed initially by the EU and later jointly by the EU and the countries/parties involved
- Governance initially: involvement of stakeholders (EOSC-A 2.0); the countries and the EC
- Governance later (EOSC-A 3.0) with EOSC-nodes as representatives in the General Assembly

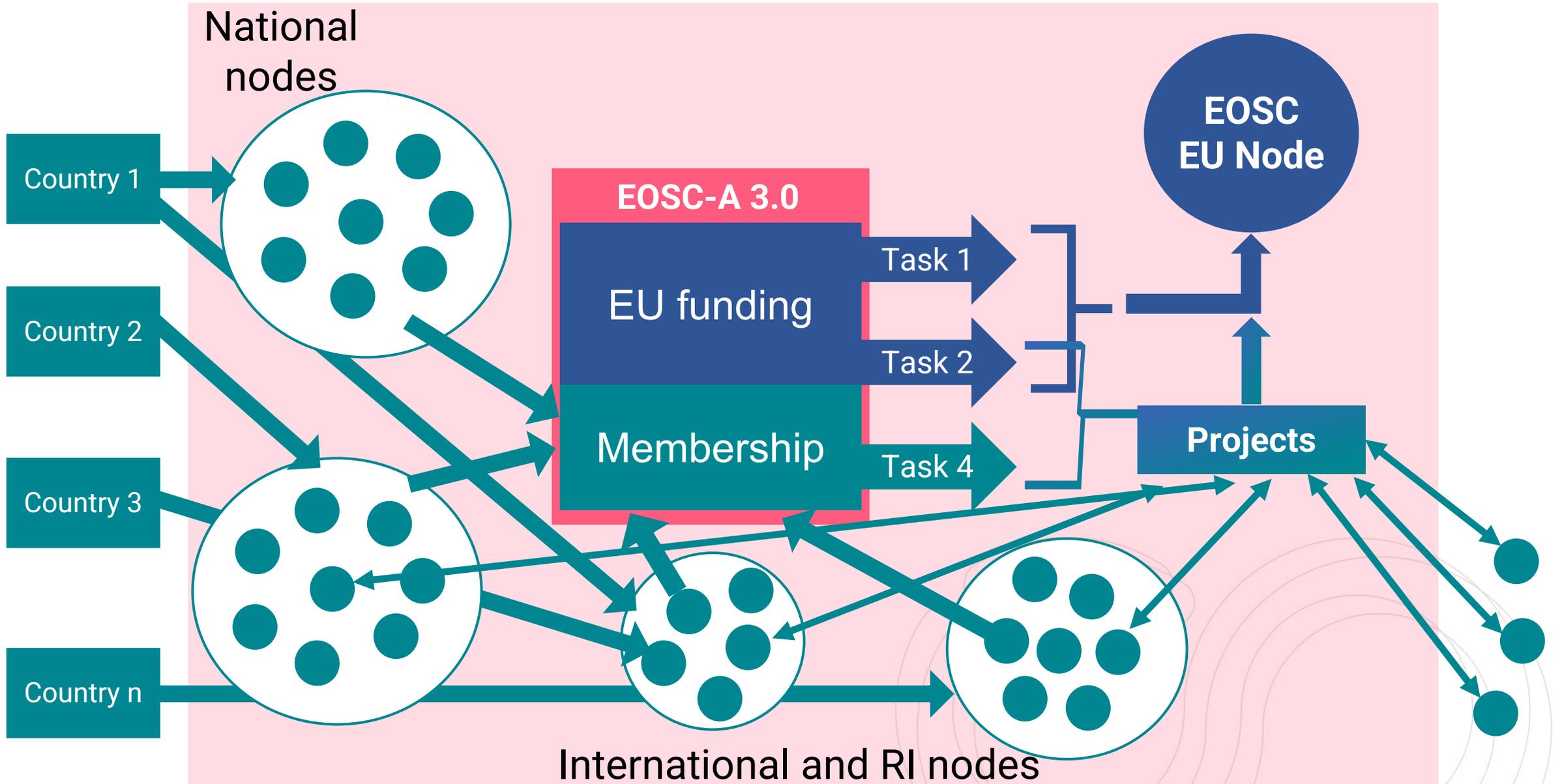
Considerations for the 'EOSC Association'

- Operations?
- Development?
- Implement the federating structure?
- Set the rules of participation?
- Suggest standards, tools and services?
- FAIR evaluator?
- Improve the interoperability?
- Interoperability board?
- Seek alignment with other regions in the world?
- Be the entrusted legal entity to operate and to run grants?

eosc Suggestions for the considerations

- Operations? Be responsible, but outsource it
- Development? Through grants run by the EOSC-A
- Implement the federating structure? With the help of EOSC-Nodes
- Set the rules of participation? Yes, through EOSC-A3.0
- Suggest standards, tools and services? Together with the community and the rest of the world
- FAIR evaluator? Through outsourcing
- Improve the interoperability? Together with the community
- Interoperability board? Yes, chairing and supporting it
- Seek alignment with other regions in the world? With European Interoperability Board (EIB)
- Be the entrusted legal entity to operate and to run grants? Yes, when equipped for that.

Financing the EOSC Federation



eosc Assessment of option-e in EOSC context

Criterion 1: Effectiveness

Tasks 1, 2 and 4 should be managed indirectly by entrusting the operation and development of the EOSC-EU-Node to an external entity in the public research domain. This entity would oversee the operation, ensure resource quality, and provide input to the program of grants for continuous improvement and extension. Direct management allows openness to new partners and solutions, and the transfer of ownership of service. Task 3 and 5 have to be performed by the whole community in Europe and the rest of the world.

Criterion 2: Efficiency

Financing the EOSC EU node by the EU initially shows the comes with ownership and may lead to a shared responsibility with the MS/AC when the added value for them has been proven to a certain extend. The external entity for Tasks 1, 2 and 4 should be tailored to proving this additional value the EOSC EU node offer. The contribution from the MS/AC comes initially from the nodes they develop and that become part of the federation. For the further development of the 'Web of FAIR Data and Services' and for the uptake of Open Science policies (Tasks 3 and 5) all stakeholders are responsible. This has been and can be done with a European Programme.

Criterion 3: Long-term commitment of stakeholders

The hybrid model involves partners like RPOs and others involved in creating and maintaining EOSC-nodes leading to a large commitment from countries. The continuation of tripartite governance in the transition period towards full operation of the external entity representing research communities is beneficial. It's attractive for MS/AC with substantial budgets, allowing better coordination between national and EU-level EOSC investments, because they will be running the largest number of EOSC-nodes. Tasks 3 and 5 under direct EC management could involve financial and in-kind commitments, with MS/AC having a strong interest in EOSC development due to their financial support.