

Where do we plan to be by 2027?

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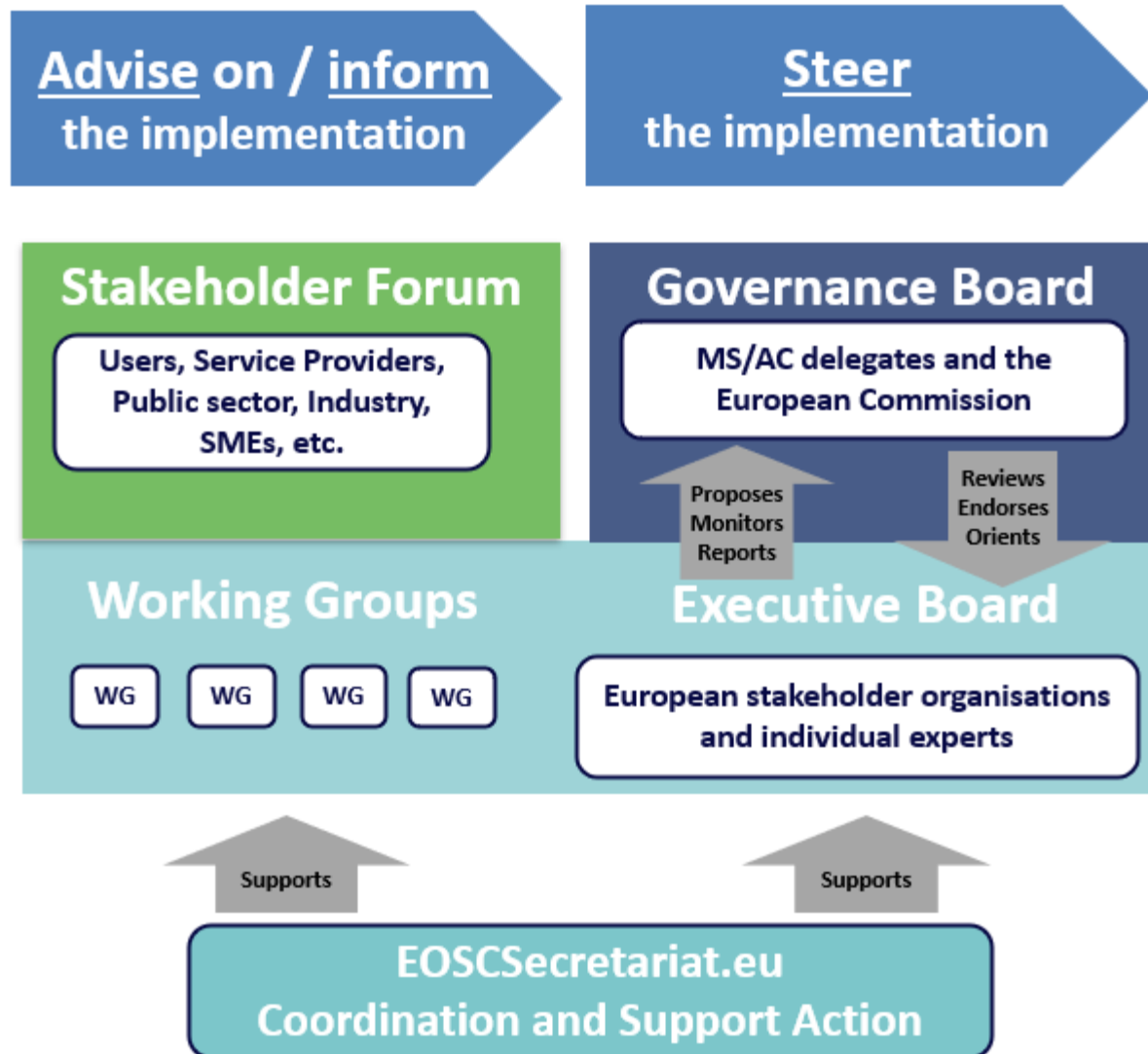
Evolution of the EOSC governance since inception



How to implement the EOSC?

- ✓ Not a « project from Brussels » but a community-driven process
- ✓ Gradual implementation based on mutual alignment
- ✓ Need for a multi-stakeholder approach

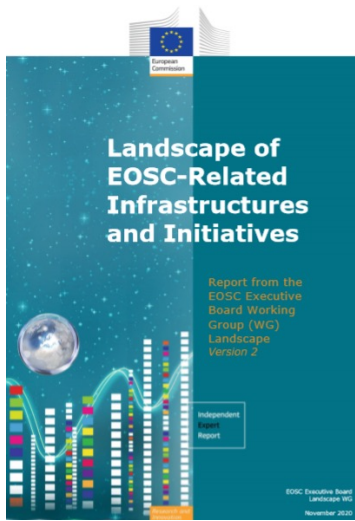
Interim EOSC Governance in the period 2019-2020



How to implement the EOSC?

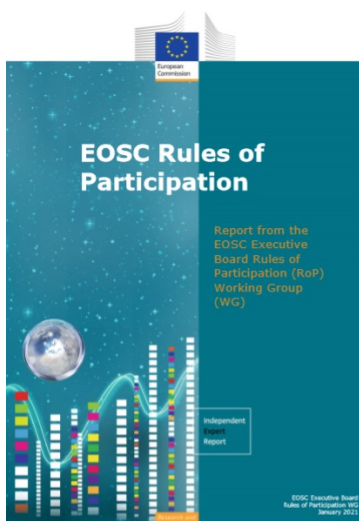
- ✓ Initial phase implemented through EOSC Horizon 2020 grants resulting from Calls defined in 2017
- ✓ No real steering of the implementation by the interim governance...
- ✓ ... rather co-shaping the next phase of implementation after 2020.

EOSC strategic orientations and reports



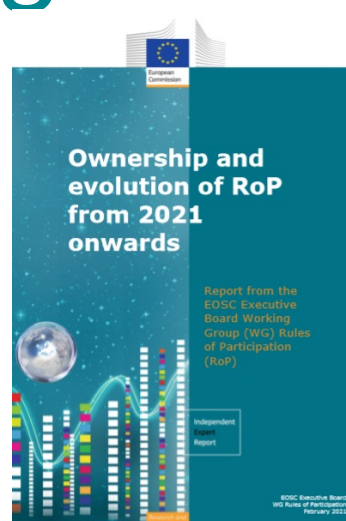
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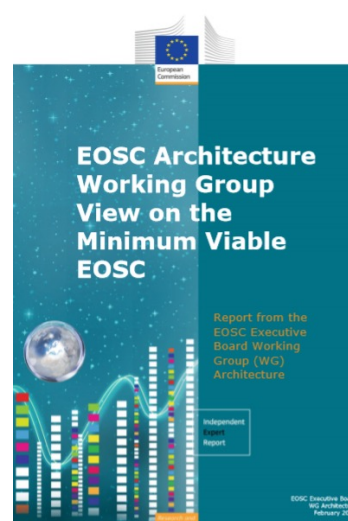
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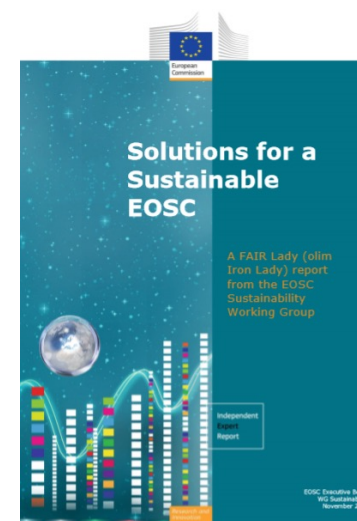
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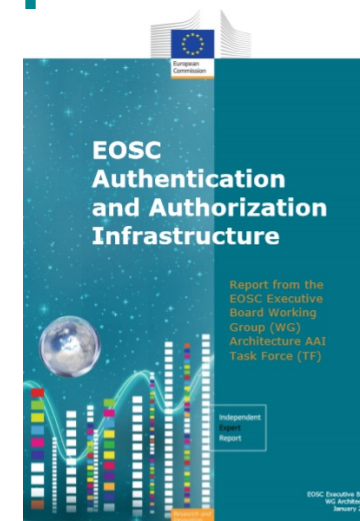
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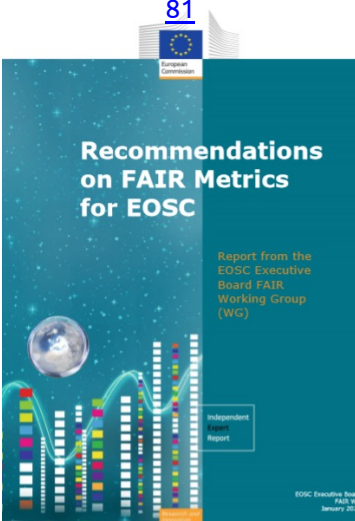


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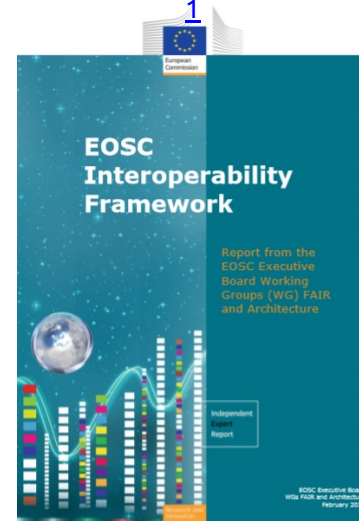


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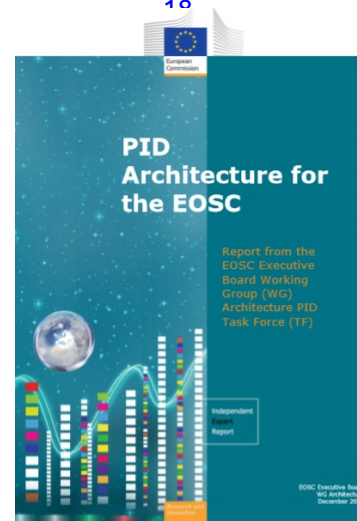
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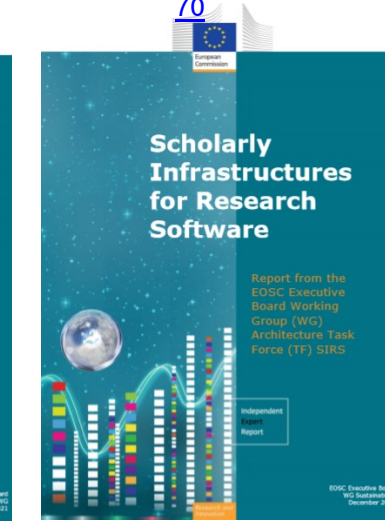
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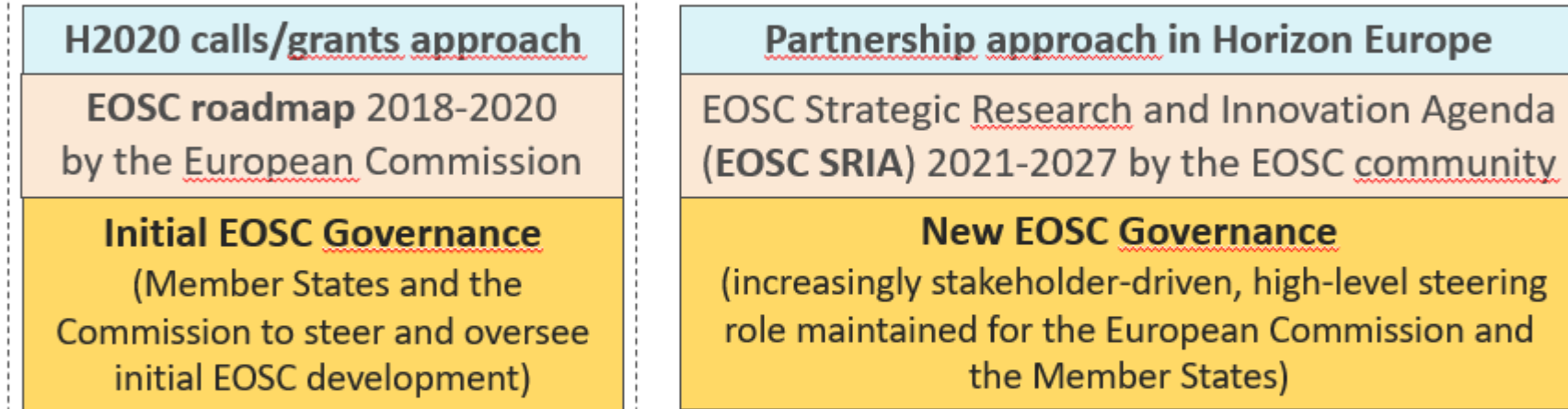
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New EOSC Governance since 2020

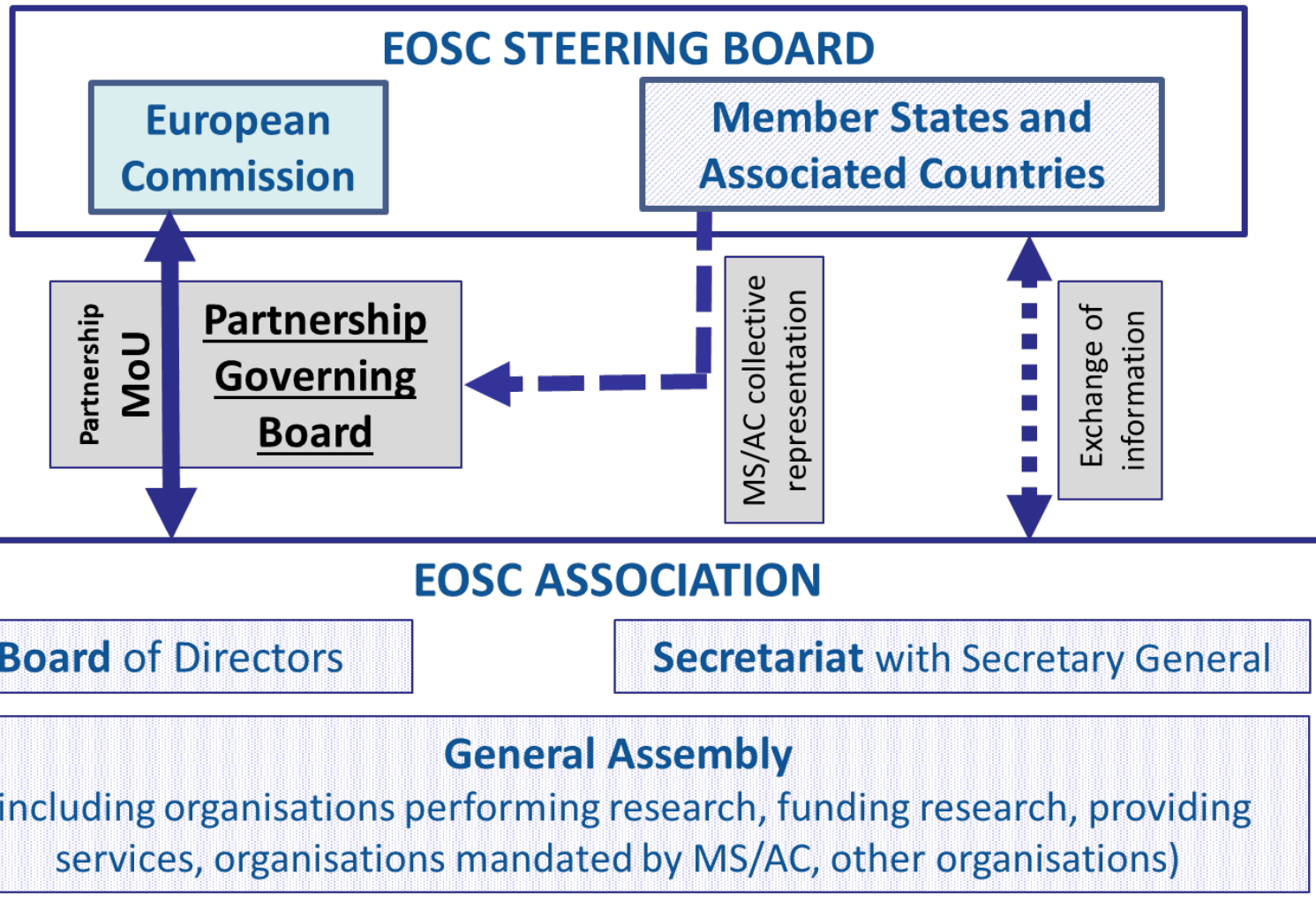


- **Launch event in Vienna**
- **2nd EOSC Declaration**
(AT Presidency of the EU)

- **Assessment of EOSC Phase 1**
- **3rd EOSC Declaration**
(DE Presidency of the EU)

- ✓ More structured engagement of a wider community via the EOSC Association
- ✓ Increased convergence through the EOSC SRIA 2021-2030
- ✓ Co-programming via the EOSC European Partnership (MAR)
- ✓ Limited to EU-funded activities and additional in kind activities by the members of the EOSC Association

New EOSC Governance since 2021



In the second phase [post-2020] the EOSC governance should become mainly stakeholder-driven, while maintaining a higher-level steering role for all Member States and the Commission.

(Council conclusions on EOSC, 19 May 2018)

The council of the Union calls on the Commission and participating States to serve in an tripartite governance and to further develop and implement the European Open Science Cloud (EOSC) [...].

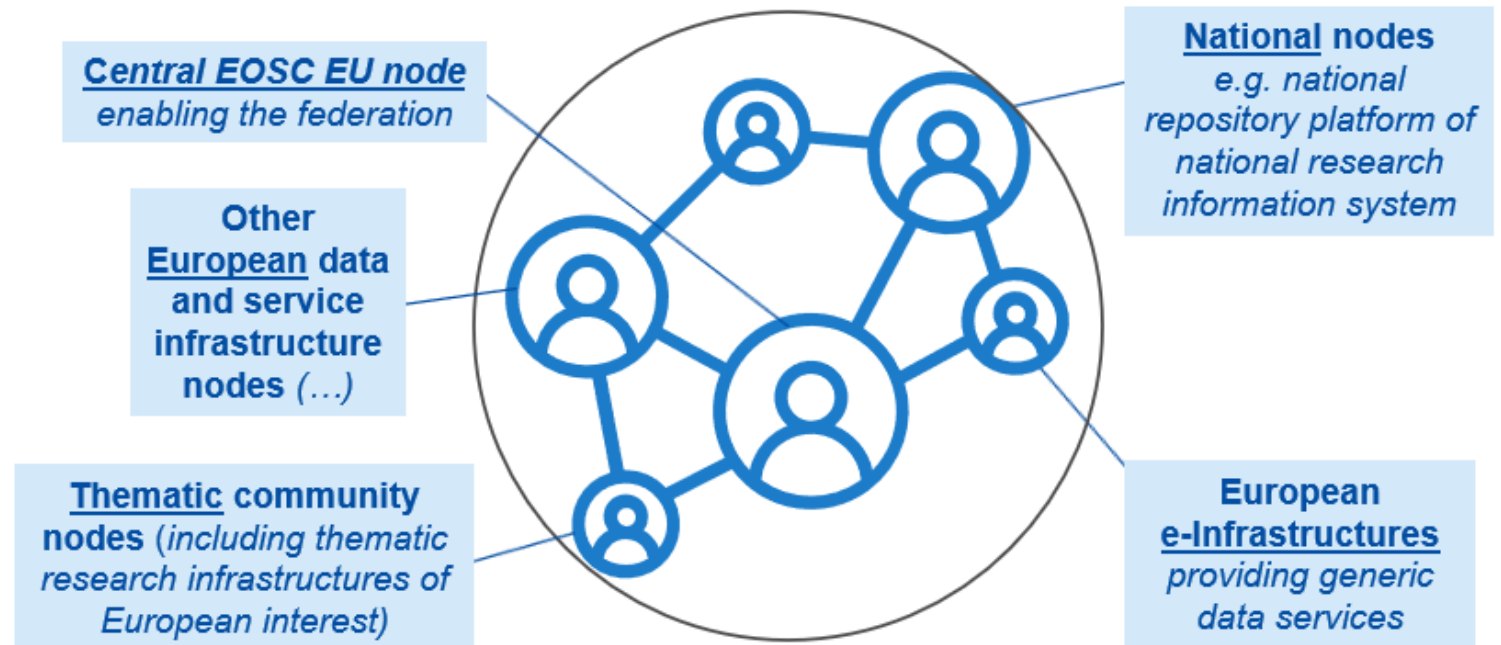
(Council conclusions on the new ERA, 1 Dec. 2020)

New challenge: transitioning from prototyping to operating the EOSC infrastructure

Basic elements for the EOSC Federation

- The Authentication and Authorization Infrastructure
- The Policy framework on Persistent Identifiers
- The Interoperability Frameworks
- The common search and access engine
- Security Coordination
- Monitoring and accounting modules
- Rules of Participation (onboarding of services)
- Acceptable Use Policy (by all public users of the EC node)
- Access policy (centrally procured services)

Upcoming: the central EOSC EU node enabling the EOSC federation



EOSC 'helicopter view'

Main EOSC tasks for the future	Today (EOSC co-programmed partnership)	In the future?
Task 1: Deploying and operating the EOSC EU node (Core, Exchange, FAIR Data Federation)	<ul style="list-style-type: none"> - EC procurement « EOSC managed services » 	EC <ul style="list-style-type: none"> - Entrusts another legal entity with budget implementation tasks, possibly in the context of a European partnership?
Task 2: Maintaining and updating the EOSC EU node and expanding the EOSC federation (with elements that are close to the 'market')	N/A	or <ul style="list-style-type: none"> - Continues to manage directly grants and procurement actions, possibly in the context of a European partnership ?
Task 3: Enabling a 'web of FAIR data and service' for science	<ul style="list-style-type: none"> - EU grants across HE - National & institutional additional activities 	What about combining these two approaches (depending on the tasks) ?
Task 4: Develop, prototype and test new elements supporting the evolution of the EOSC Core and Exchange and the tools enabling the federation (focus on elements that can be made ready for the 'market')	<ul style="list-style-type: none"> - EC grants resulting from Calls defined in the RI Work Programme 	What would be the right balance between procurement and grants ? (Irrespective of who is the granting / contracting authority)
Task 5: Enabling Open Science policies and the uptake of Open Science practices	<ul style="list-style-type: none"> - Tripartite Governance activities (including with support of EU grants) 	

Additional aspects considered by the EOSC Tripartite

- Wish for a **more streamlined governance model after 2027**
- Need for a **higher level of integration and synchronisation** of activities
- **The governance should be able to engage the research infrastructures in Europe**
- **Need to develop a blueprint model matching EOSC specifics**
- **Direct participation of the Member States** shall be strengthened
(pre-requisite to enable direct financial participation by the countries)
- **Flexibility matters as much as integration.** The future EOSC model should be able to adapt to different sizes of resourcing and to variable national investments over time.
- **Financial and operational sustainability** matter
- General interest for the scenarios where **an external entity** would be in charge of all (integrated scenario) or some (hybrid scenario) of the 5 main Tasks defined for EOSC Post-2027.

Thank you