

EGI: Advanced Computing for Research



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EGI into the (EOSC) Future!

Contributions to EOSC Core and Exchange

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The work of the EGI Foundation
is partly funded by the European Commission
under H2020 Framework Programme

Evolution of the EOSC ecosystem

e-Infrastructures



Communities



INFRAEOSC 07 projects

Governance

EOSC Governance Board
EOSC Executive Board



**EOSC Association
AISBL**

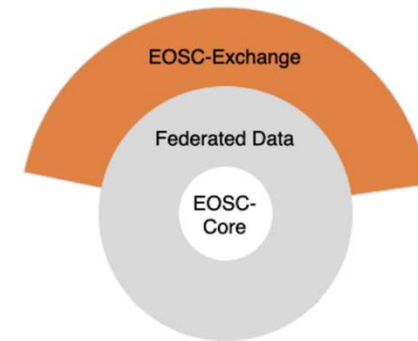
EOSC Elements & terminology

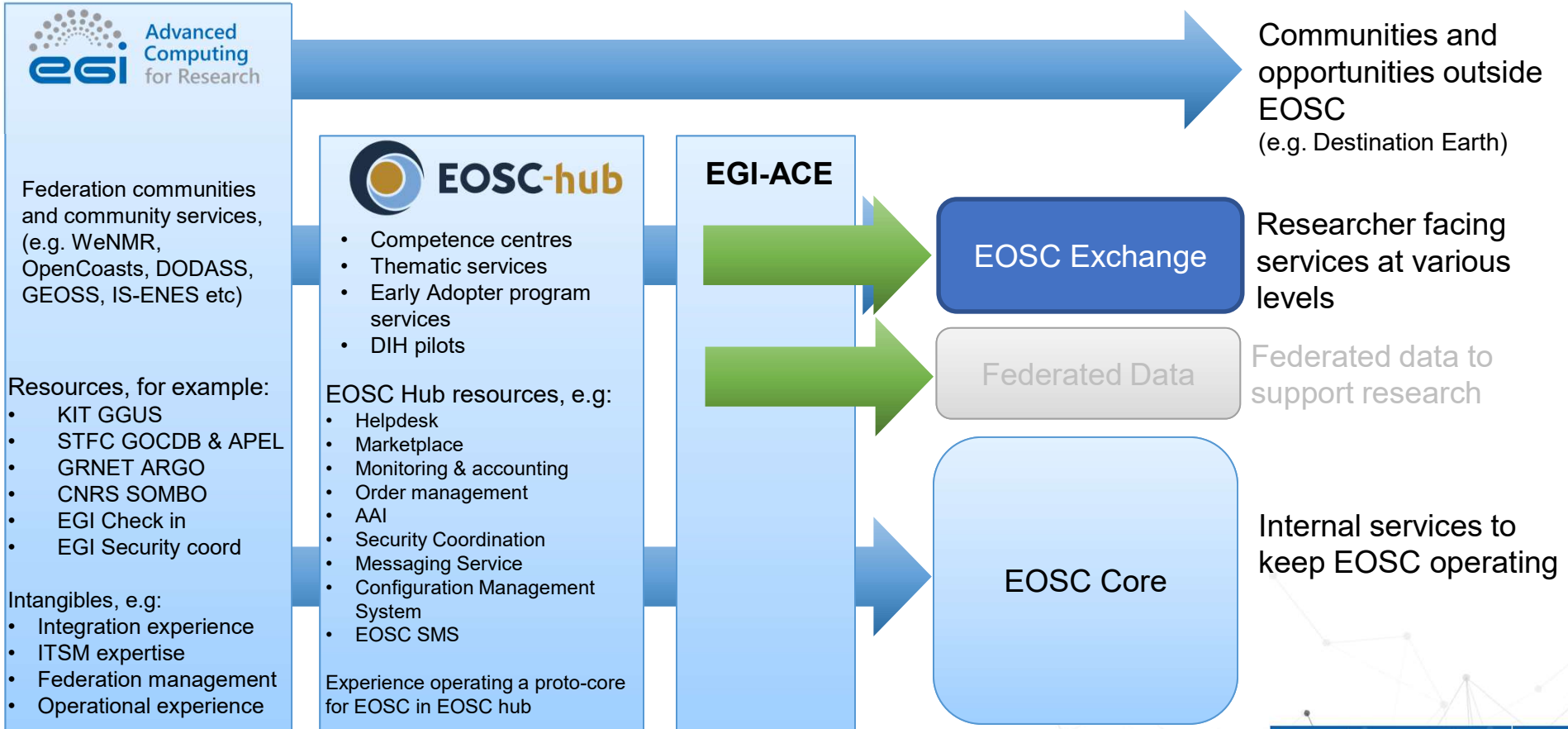


Federating Core
EOSC Hub
Portfolio Portfolio
'Hub' of EOSC



EOSC Resources





EOSC Future structure

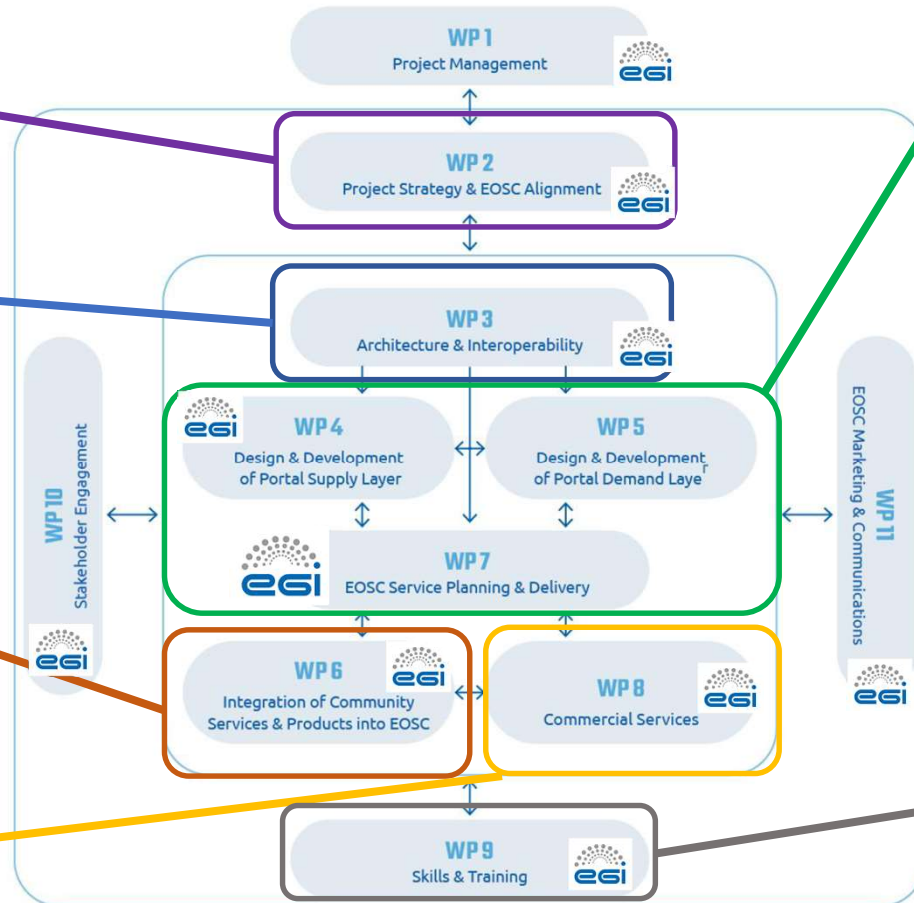
Strategy, engagement with EOSC governance and Association

Interoperability framework, guidelines

EOSC Exchange

- Onboarding
- Integration
- Test Science Projects with communities

Procurement, EOSC DIH (Digital Innovation Hub)



EOSC Core

- Portal
- Internal services
- Operations (EGI lead)



EGI.eu plus Linked Third Parties:



AI/ML, FitSM, Data transfer, Security forensics, Federation tools

EOSC Future structure

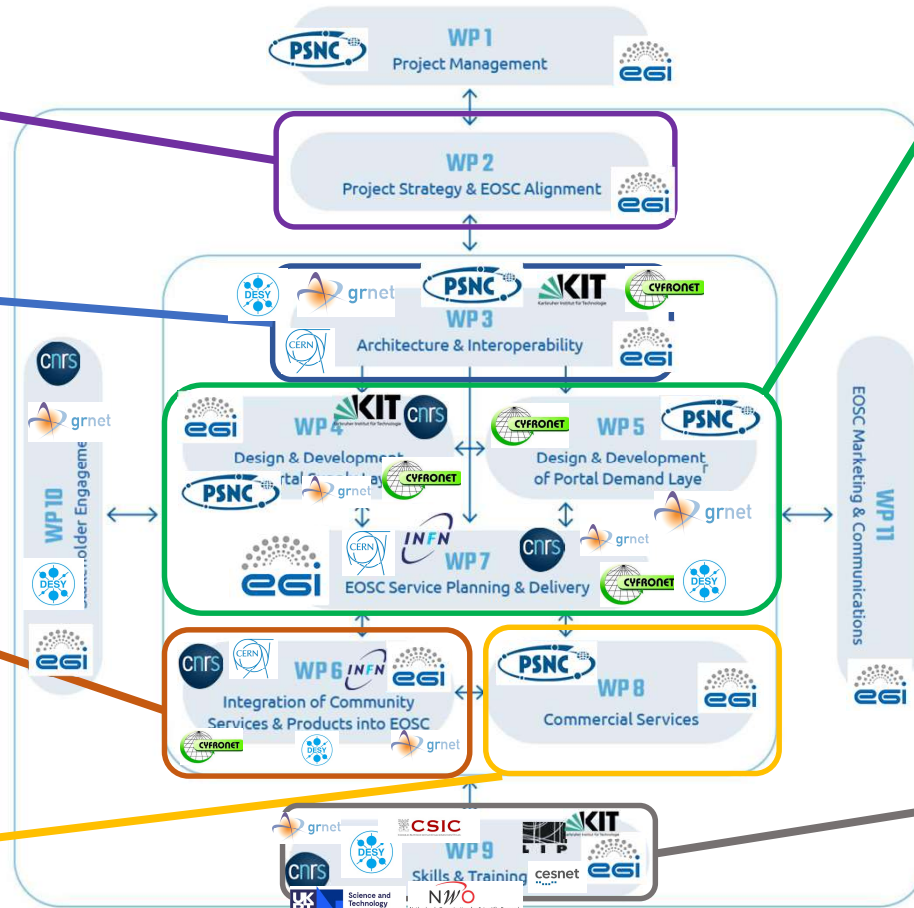
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- Build / Evolve EOSC Core
 - Take up from work of EOSC-hub and other projects
 - Meet the requirements of the EOSC Core as described by Iron Lady – instantiate the MVE
- Populate EOSC Exchange
 - Bring resources from the thematic clusters with those already collected in EOSC Portal, and expand to bring in new communities
- A system of systems
 - Connect thematic regional and national communities and resource catalogues based on a common interoperability framework
- Innovate and expand scope of EOSC
 - New business models, integration of procurement, expansion of Digital Innovation Hub
 - Adding AI to portals and catalogues, moving from collation to integration and composability

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Thanks for listening!

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