



EOSC status & perspectives

eInfrastructures & Science Cloud
EC DG CONNECT

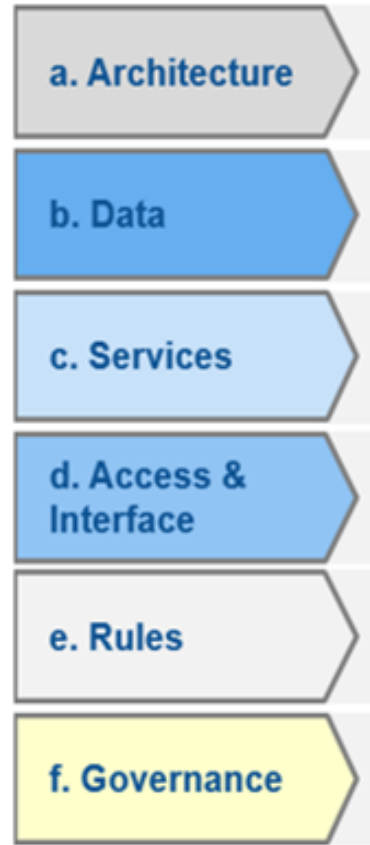
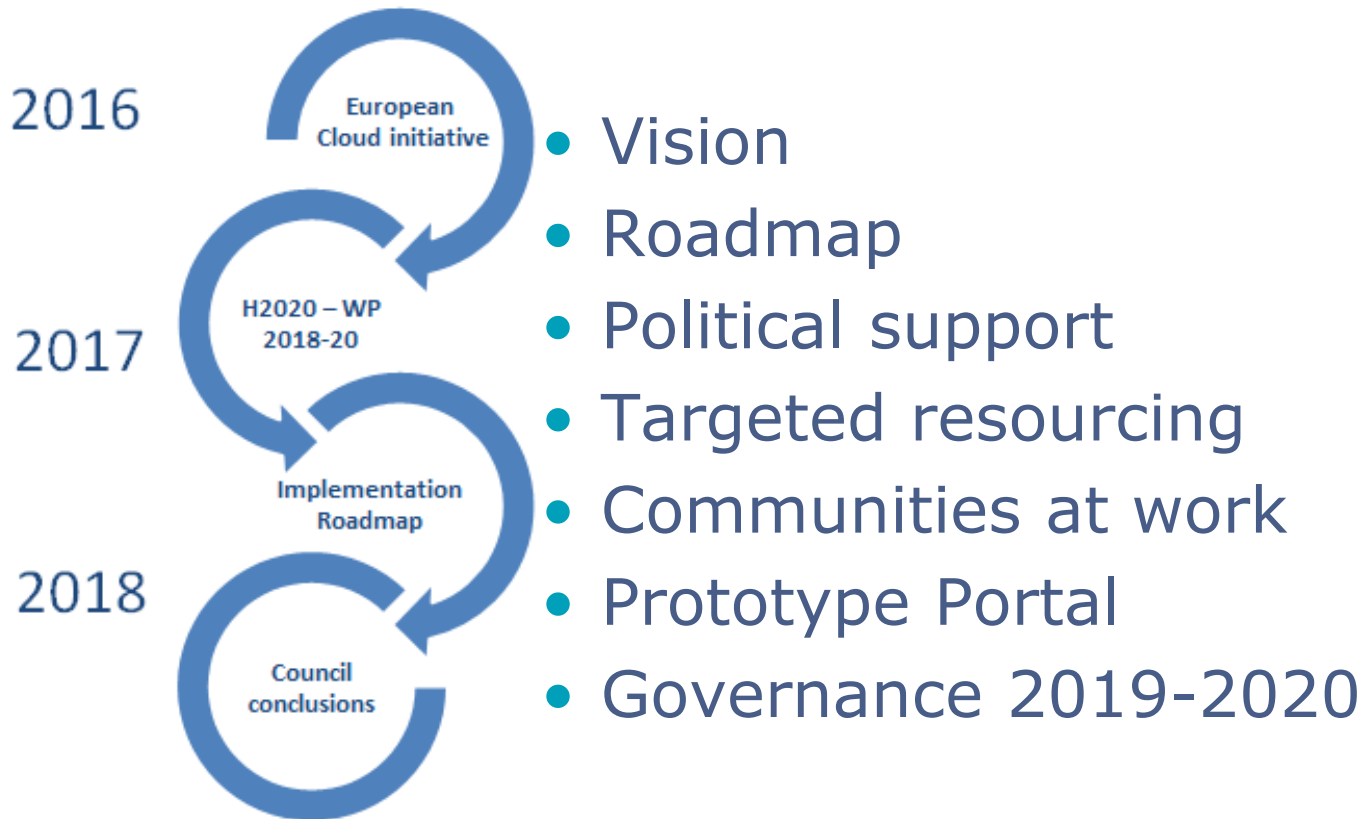
What is the EOSC?

- A trusted open virtual environment offering every European researcher the possibility to access and reuse publicly funded research data and services, across disciplines and borders
- Accessible through the universal gateway of EOSC Portal
- Inclusive, free at the point of use for the researchers.

Why the EOSC?

- Empower 1.7 million European researchers to reap the benefits of data-driven science
- Enable Open Science and the digital transformation of science
- Leverage investments in data infrastructures for scalability, interdisciplinarity, innovation; reduce fragmentation
- Strengthen research data management practices in Europe
- Unlock the big data value to achieve the goals of the Digital Single Market Strategy.

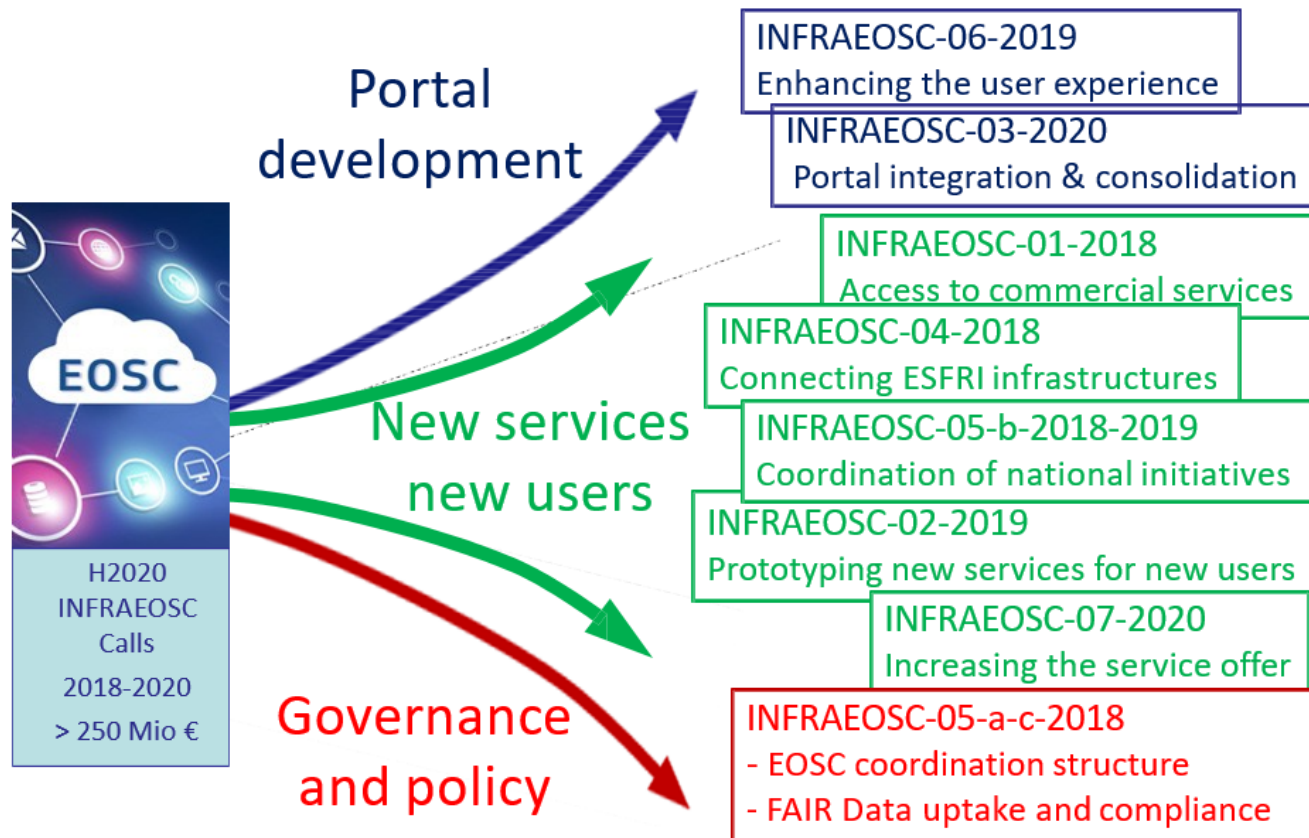
Where we are (RTD & CNECT):





European
Commission

Where we are (RTD & CNECT):



Next steps: INFRAEOSC-03-2020

Integration and consolidation of the existing pan-European access mechanism to public research infrastructures and commercial services through the EOSC Portal

Challenge:

- Strengthen the EOSC Portal for an increasing portfolio of high quality standard compliant and interoperable services;
- Reinforce the EOSC Marketplace as the access channel to integrated, composable and reliable services;
- Attract more users, within the research community and beyond;
- Ensure its long-term sustainability taking into account the governance frameworks.

Scope:

- a) Operation, maintenance and enhancement of the EOSC Portal (the website, the catalogue of services and the marketplace)
- b) Fostering and enabling secure service composability
- c) User enhanced experience using Artificial Intelligence (AI) techniques
- d) Widening the EOSC user base
- e) Widening the service offer with commercial services
- f) Support activities: Outreach and skills & Support to RDA's contribution to the EOSC.

Type of Action: RIA
Budget: 40,9 Meuro

Submission opening: 19/11/2019
Submission deadline: 22/04/2020

Next steps: INFRAEOSC-07-2020

Increasing the service offer of the EOSC Portal

Challenge:

- Scale up the EOSC Portal;
- Set-up a model for interaction between service providers and the EOSC Portal operators through pan-European e-infrastructure entities, based on transparency and effectiveness of cost compensation..

Scope:

- Proposals should build on the competences of pan-European e-Infrastructures to ensure multidisciplinary research and synergies with national and regional programmes.
- Proposals should clearly identify one and only one of the following areas:
 1. Distributed and cloud computing resources
 2. Data services
 3. Services supporting scholarly communication and open access
 4. Above the net services (added-value applications/services to enable users to interact, communicate and collaborate in heterogeneous/distributed federated environment
 5. Services and resources from non-research public sector data providers
 6. Additional research enabling services (not described in 1-5).

Type of Action: RIA
Budget: 24 Meuro

Submission opening: 19/11/2019
Submission deadline: 22/04/2020

Next steps: MFF 2021-2027

- Strategy for Digital Infrastructures
- EOSC & European, national, regional and institutional resources
- Legal structure, business model, sustainability of EOSC
- Connectivity & High Performance environment
- Standardization and Certification
- Cross-fertilization of data and services
- Next generation of data services
- Widening the EOSC user base to public sector and industry
- Creation of market opportunities for data services
- Research-market collaboration through digital infrastructures
- Data-driven innovation
- Incentives for sharing data
- International collaborations
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Upcoming events:

- **ICT Proposers Day: Helsinki, 19-20/09/2019**
- EOSC at the Open Science FAIR: Porto, 16-18/09/2019
- EOSC day at RDA: Helsinki, 22/10/2019
- EOSC Symposium: Budapest, 26-28/11/2019
- Events organised by EOSC-related H2020 projects
<https://www.eosc-portal.eu/media/events>

Consultation of ESOC Executive Board:

Check on: <https://www.eoscsecretariat.eu/news-events-opinion>



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Thank you