

# Next steps towards EOSC

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# First phase of EOSC



[EOSC](#)

- 1st stage of EOSC: 2018-2020
- H2020 projects: ca. €600 million
- Address six roadmap action lines:
  - ◆ data ◆ services ◆ architecture
  - ◆ access ◆ rules ◆ governance

*“start of the second phase of the implementation is dependent on an evaluation by the Commission and the Member States of the first phase and without prejudice to the Multiannual Financial Framework after 2020”*



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# Current EOSC governance tasks

- steer initial implementation
- involve all R&I stakeholders
- transition to 2nd stage 2020+

## Activities Update

- 30+ active EOSC projects
- EOSC SIP published
- EOSC Workplan drafted
- Five+ active Working Groups
- EOSC Concertation Days
- EOSC @ RDA Event – Oct.
- EOSC Symposium – Nov.

[EOSCsecretariat](#)



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# Workplan: Key outputs from the Working Groups

- Agreed and tested Rules of Participation (*RoP WG*)
- Analysis of the existing national infra and policies (*Landscape & Sustainability WG*)
- Financing model, legal entity & post 2020 governance structure (*Sustainability WG*)
- Operational federating core and initial services (*Architecture WG*)
- Initial set of EOSC data and services (*Architecture WG*)
- EOSC Interoperability Framework (*FAIR, Architecture and RoP WGs*)
- Persistent Identifier policy (*FAIR and Architecture WGs*)
- Metrics for FAIR data and repository certification (*FAIR WG*)



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# Issues in the transition to 2nd stage

- **Business model**
- **Legal entity**
- **Boundary conditions**
- **Data Services infrastructure in countries**
- **Core activities 2020+**
- **Implementation timeline**



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# Boundary Conditions for EOSC



- Core funding for EOSC from EU
- Inclusiveness of all stakeholders
- Core follows subsidiarity principle
- Providers with a shared purpose
- Countries have different structures
- Self-inclusivity as much as possible
- Hardware agnostic infrastructure
- Focus on FAIR data and services



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# Relevant partnership models for EOSC

## Co-Funding

Based on grant agreement under Horizon EU; Co-funded programme; finances and governance implemented within the grant agreement and EC services in supervisory role

[EC](#)

## Co-Programming

Based on MoU/contractual arrangement under Horizon EU; Work Programme with EU contribution managed by EC services and partner contributions managed by partners per agreements

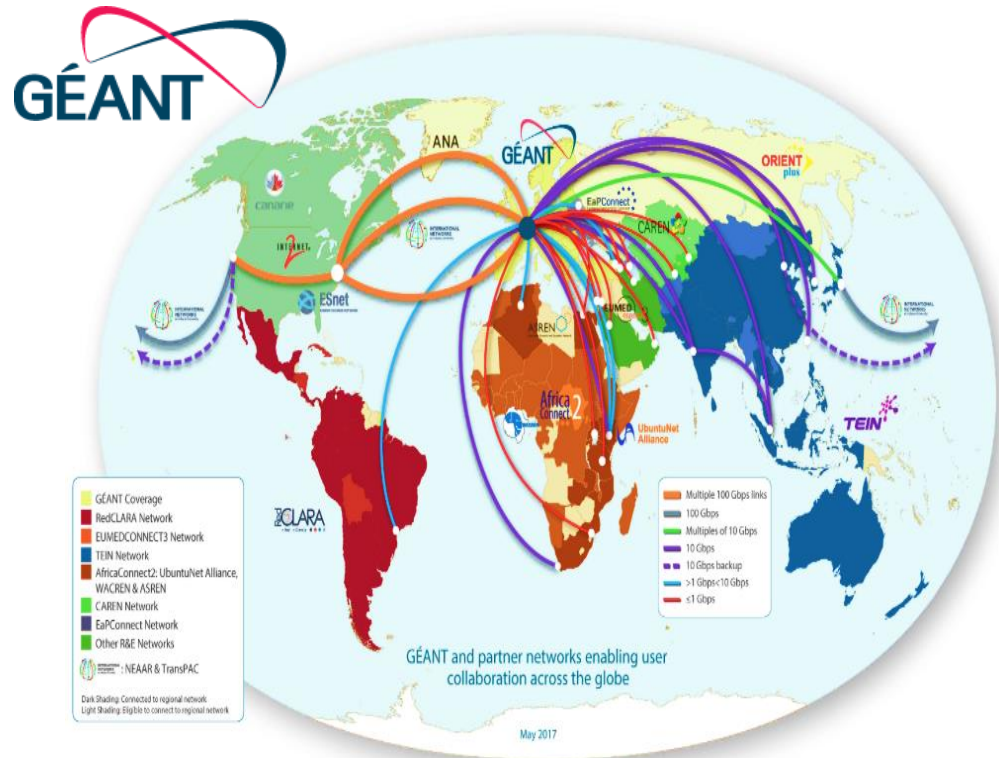
[EC](#)



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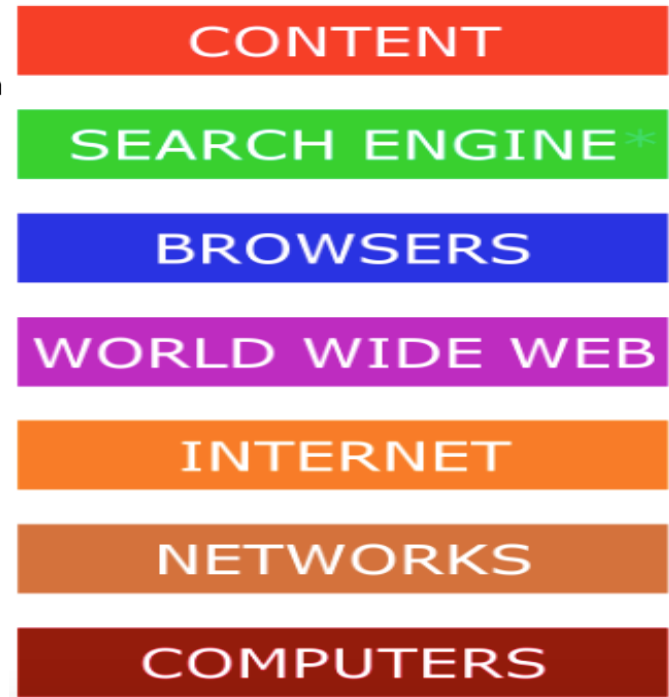
# Two examples of 'role models' for EOSC



GÉANT



## Key Layers of the Internet



W3C



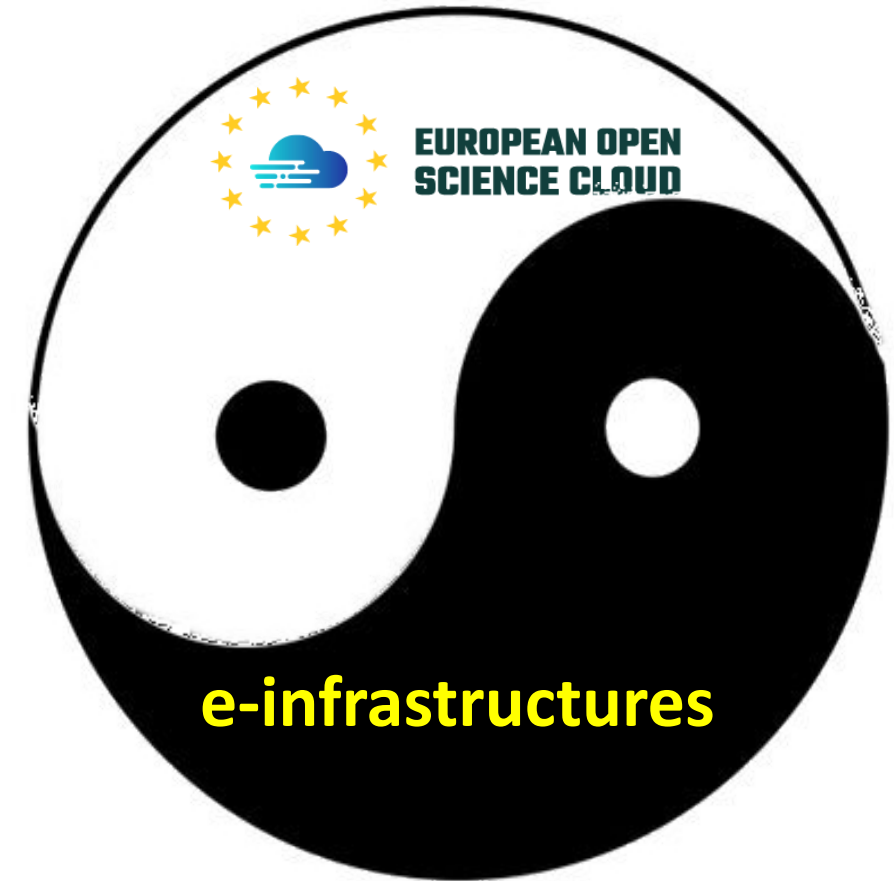
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# Twinning the 'EOSC' to the e-infrastructure

EOSC could be seen as a twin sister (or brother) of e-infrastructure organisations. One offering the compute and connectivity services and the other servicing the data and the interoperability.



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# Possible core functions for 'EOSC' in 2020+



- Develop and govern federating core
- Manage compliance framework
- Manage trusted certification
- Manage EOSC trademark(s)
- Implement PID policy guidelines
- Develop outreach to stakeholders
- Contribute to Horizon EU policy
- Monitor services and transactions



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# Items to consider for the next steps

- **Business model**
- **Legal entity**
- **Data Services infrastructure in countries**
- **Twinning structure in countries and EU**
- **Core activities 2020+**
- **Implementation timeline**



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