



## European Open Science Cloud (EOSC)

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 [eosc-hub.eu](https://eosc-hub.eu)

 [@EOSC\\_eu](https://twitter.com/EOSC_eu)



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- Sep 2015: HLEG report on EOSC
  - Aug 2016: Communication 178: European Cloud Initiative
    - **EOSC**: the European Open Science Cloud
    - **EDI**: the European Data Infrastructure
      - Development and deployment of large-scale EU HPC, data and network infrastructure
    - **Widening access & building trust**
- These are the three pillars of ECI
- Oct 2017: EOSC Declaration
  - Nov 2018: EOSC launch event

- ◉ Trusted environment with **free, open services** for data storage, management, sharing, analysis and re-use across scientific disciplines
- ◉ **Federation** of existing and emerging **horizontal and thematic data infrastructures**
- ◉ Help to make **data open by default** (with goFAIR)
- ◉ Solving the key challenges:
  - Data inter-operability
  - Fragmentation and lack of coordination (disciplines and countries)
  - Insufficient capacity (computing, storage, connectivity)

## 1. Governance

Management and long term financing

Widen user-base to public-services, Industry and EU-13

## 2. Content (open data)

Make Open data default from H2020 onwards

## 3. (Open data) Infrastructure

Connect key EU RIs (ESFRIs)

Consolidate/Federate data infrastructures

HPC (Big) Data storage High speed connectivity

● **Governance**

- Member states and EC (strategic)
- Executive Board (operational)
- Stakeholder forum (advisory)

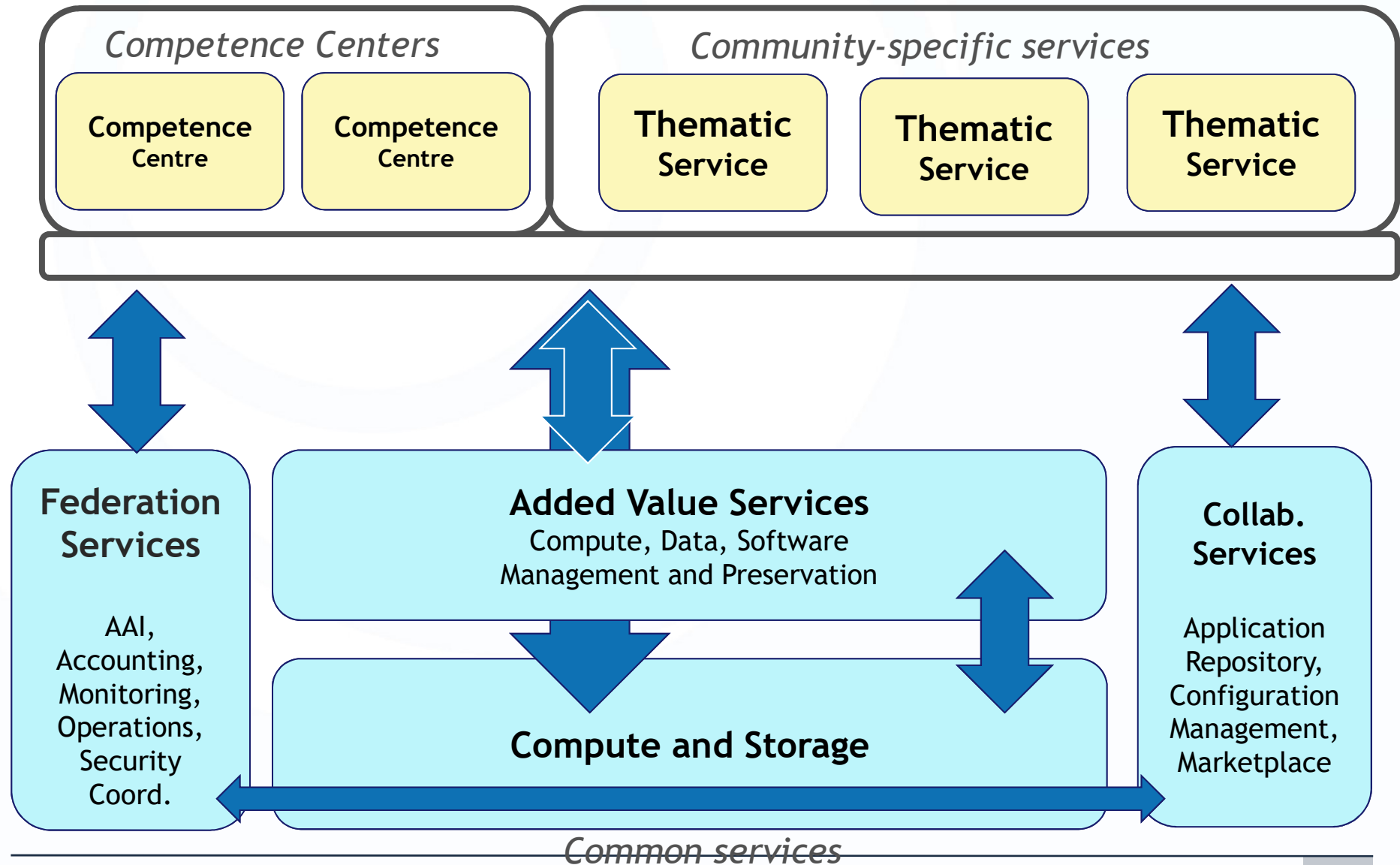
● **Architecture – EOSC stage 1 in 2020**

- Core data & services through an EOSC-Hub
- Catalogues of data & services
- Rules of participation/engagement
- EOSC Portal as a universal entry point
- FAIR data and action plan

● **Financing – stage 1/stage 2**

- H2020 – RI, WP2018-2020
- EOSC Business model for long term sustainability

		2017	2018	2019	2020	2021	2022
EOSCpilot		█	█				
EOSC-Hub			█	█	█		
Openaire			█	█	█		
RDA/FREYA/etc			█	█	█		
INFRAEOSC-01				█	█	█	
INFRAEOSC-04				█	█	█	
INFRAEOSC-05 (Gov and Fair)				█	█	█	
INFRAEOSC-02					█	█	█
INFRAEOSC-05 (RIA)					█	█	█
INFRAEOSC-06					█	█	█



**Thank you for  
your attention**

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Questions?

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