



EOSC-Hub: An Implementation of the EOSC Vision

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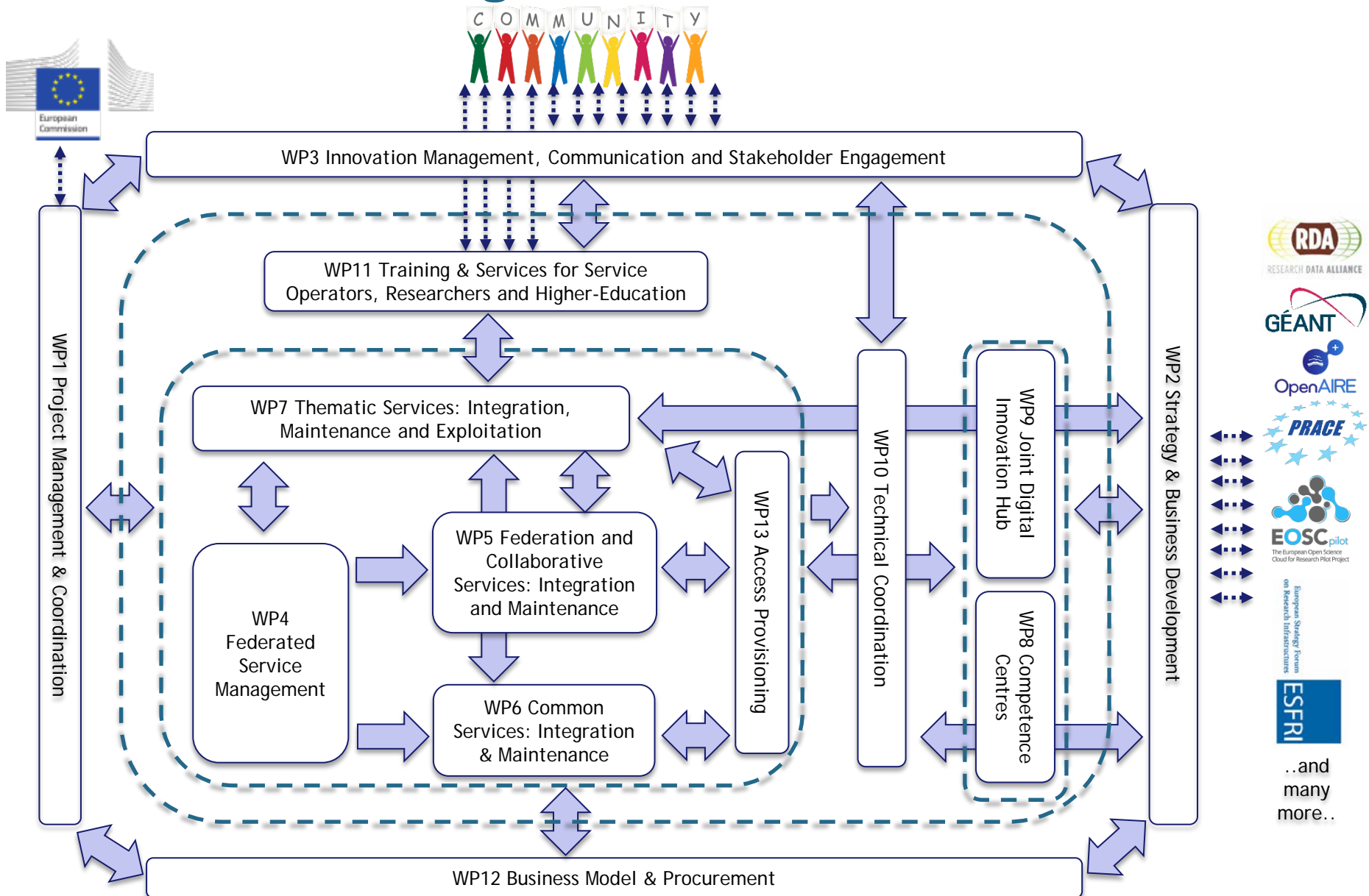
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EOSC-hub mission

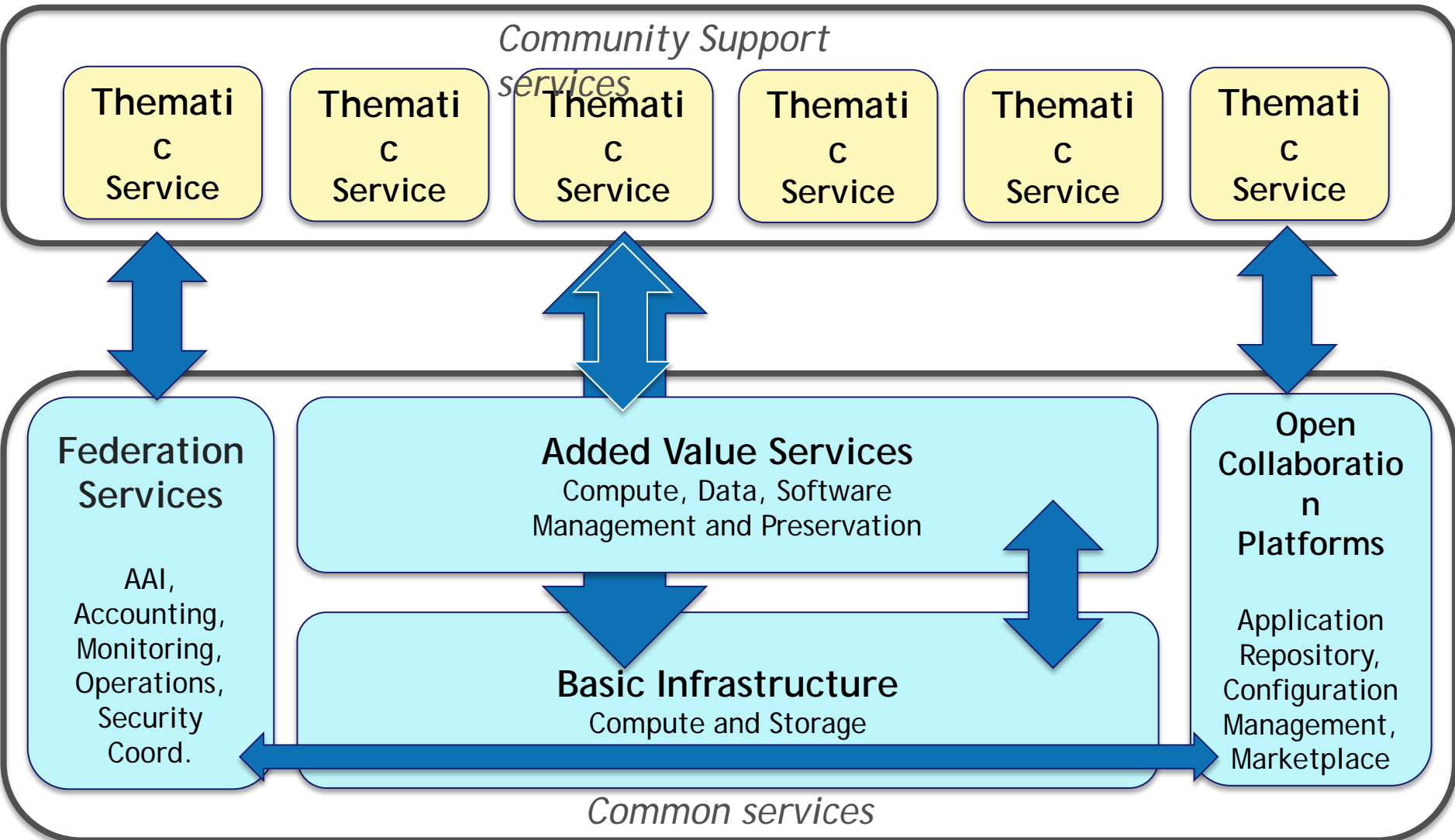
- Implement and operate the EOSC service access/delivery channels, aggregating **demand** from researchers/innovators and other user communities and **services** from local/national/regional service providers, through the *EOSC-hub*
- Define the rules of engagement of the *EOSC-hub*, in collaboration with *EOSCpilot*, and a service procurement framework
- Operate/integrate/advance an initial set of services of the EOSC
 - **Baseline and specialized** compute/data services - EGI/EUDAT CDI
 - **Thematic** services - RIs and research communities
 - **Collaborative** services - sharing of software, applications and other research objects - EGI/EUDAT (CDI) partners
 - **Federation** services - to enable cross-border access and service delivery

EOSC-hub in numbers
Duration: 36 months
Start date: 1 Jan 2018
End date: 31 Dec 2020
Tot. funding: 30 Million
partners: 74
Countries involved: 23

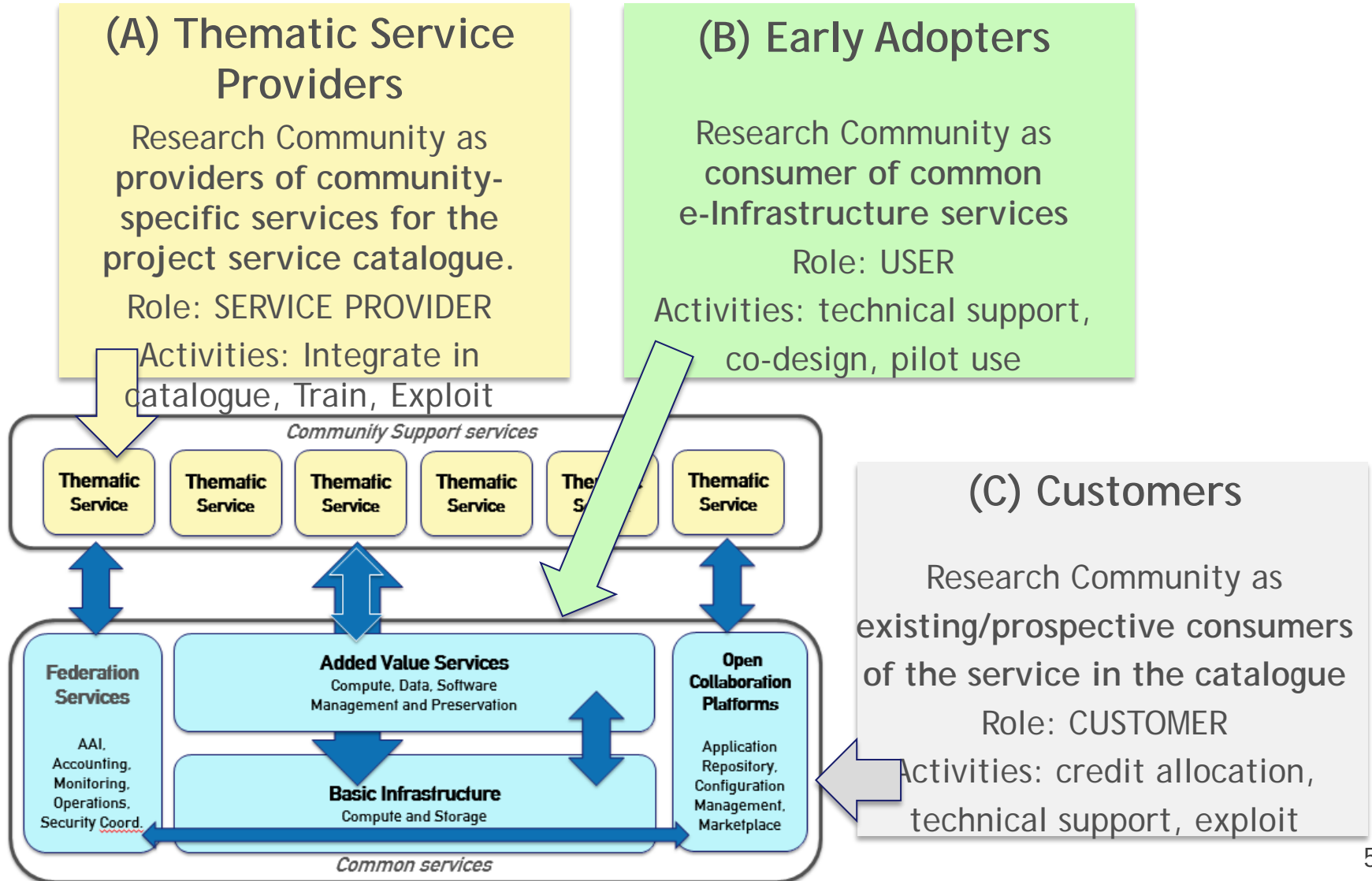
EOSC-hub at a glance



EOSC – Service Architecture



How we engage Research Communities



Thematic services, Competence Centers, and Business Pilots



- Open Calls at proposal preparation stage
 - 65 Thematic service proposals
 - 48 Competence Centre proposals
 - 31 Business pilots

- Participants
 - ESFRI RIs
 - Virtual Research Communities
 - International research collaboratic
 - Industry/SMEs



Research infrastructures & Communities

Thematic service providers

- CMS, astronomy/astro-particle physics
- Climate change/ENES
- GEO/Global Earth Observation System of Systems
- Coastal protection/LNEC
- Structural biology/WeNMR
- Earth Observation core data resources/ESA, Copernicus sentinel data, LANDSAT and other major EO data archives
- Biodiversity / Lifewatch

Competence Centres

- Marine research/Euro-Argo
- LOFAR
- EuroFusion/ITER
- EPOS/EIDA seismic data and computational seismology services
- EISCAT-3D
- ELIXIR/BBMRI/ECRIN
- DARIAH
- ICOS



Who is behind EOSC-hub?

