EOSC ENHANCE

CONNECTING THEMATIC COMMUNITIES TO ADVANCE OPEN SCIENCE

EOSC Enhance

H2020 ESCAPE Progress meeting - Joint WP Session: ESCAPE Software Repository and Catalogue – 26/02/2020,Bruxelles

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Consortium

Participant organisation name	Short Name	Country
EUROPEAN FUTURE INNOVATION SYSTEM CENTRE	EFIS	BE
TRUST-IT SRL	TRUST-IT	IT
JNP STRATIGIKI KAI EPICHIRISIAKI SYMVOULEFTIKI IKE	JNP	EL
AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE	CYFRONET	PL
ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON	UOA	EL
University of Manchester	UNIMAN	UK
STICHTING EGI	EGI	NL
EUDAT OY	EUDAT	FI
GEANT VERENIGING	GEANT	NL
OPENAIRE AMKE	OPENAIRE	EL
INTEGRATED CARBON OBSERVATION SYSTEM EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM	ICOS	FI
CESSDA ERIC	CESSDA	NO
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS - Laboratoire d'Annecy de Physique des Particules (LAPP)	LAPP	FR
EUROPEAN MOLECULAR BIOLOGY LABORATORY	EMBL	DE
ILL	ILL	FR

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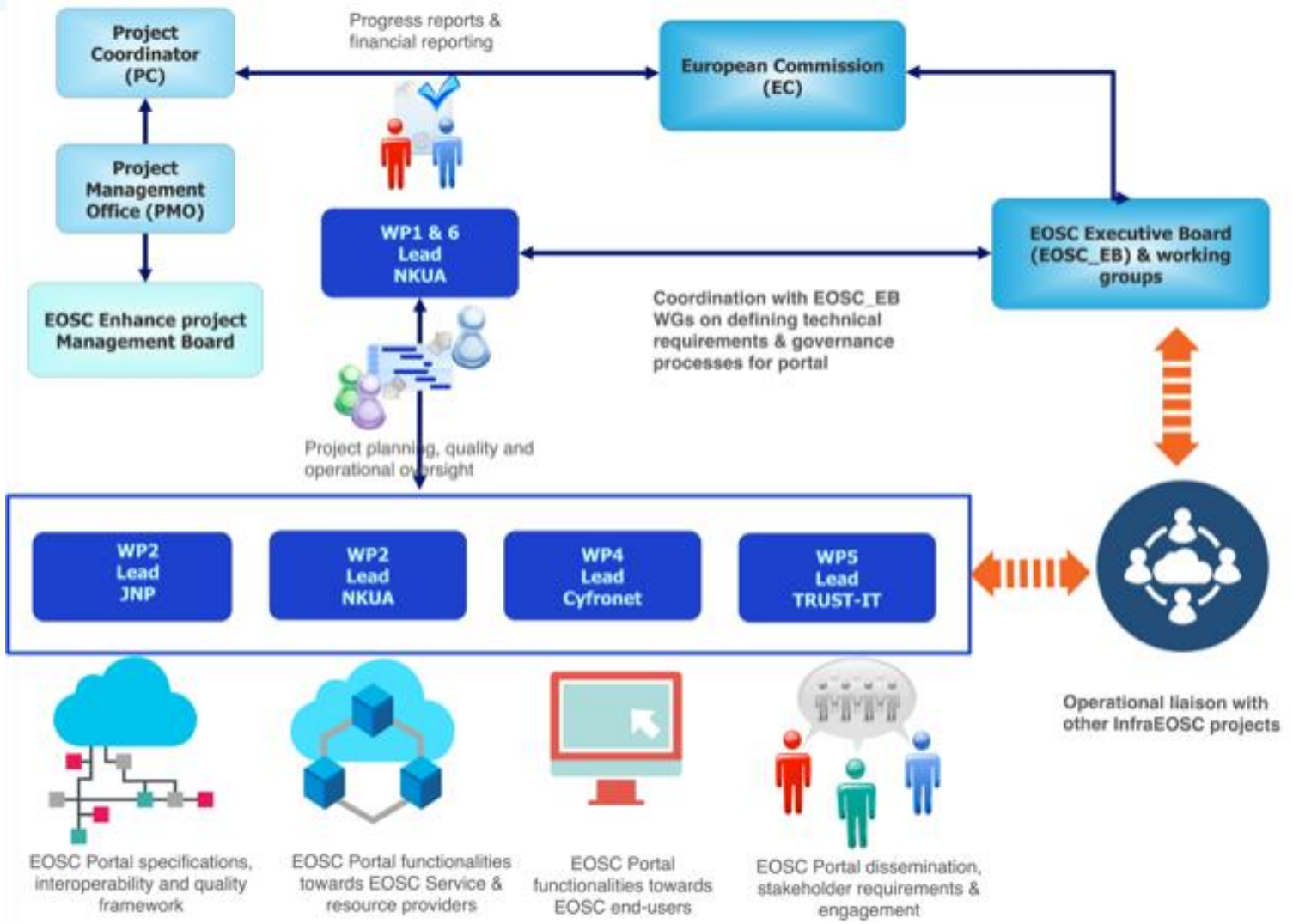
Project Structure



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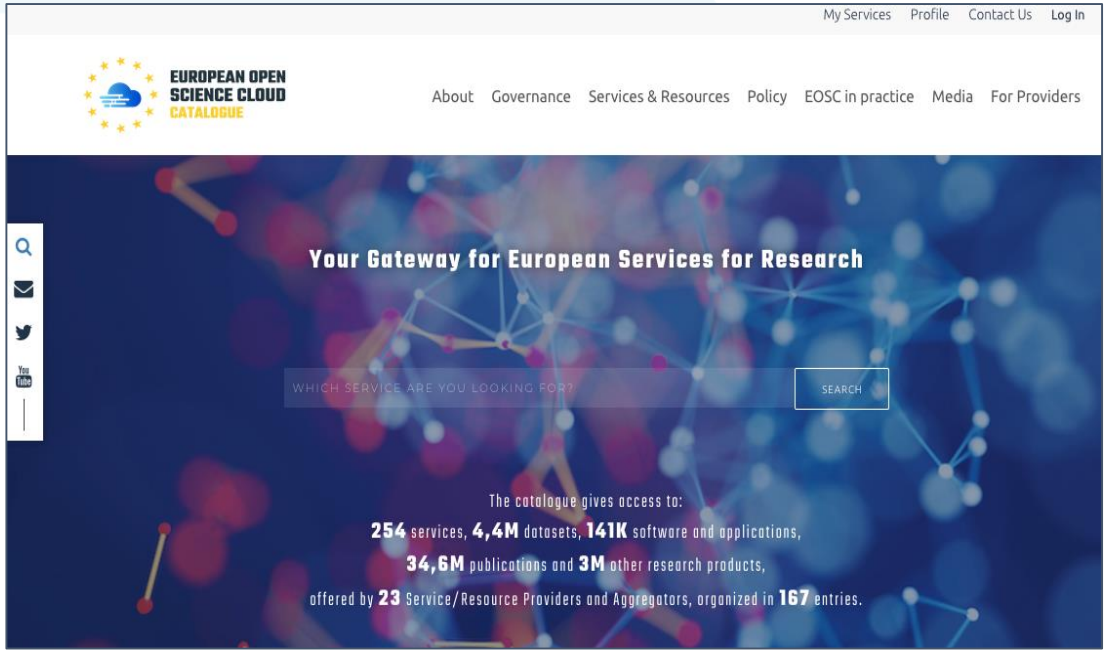
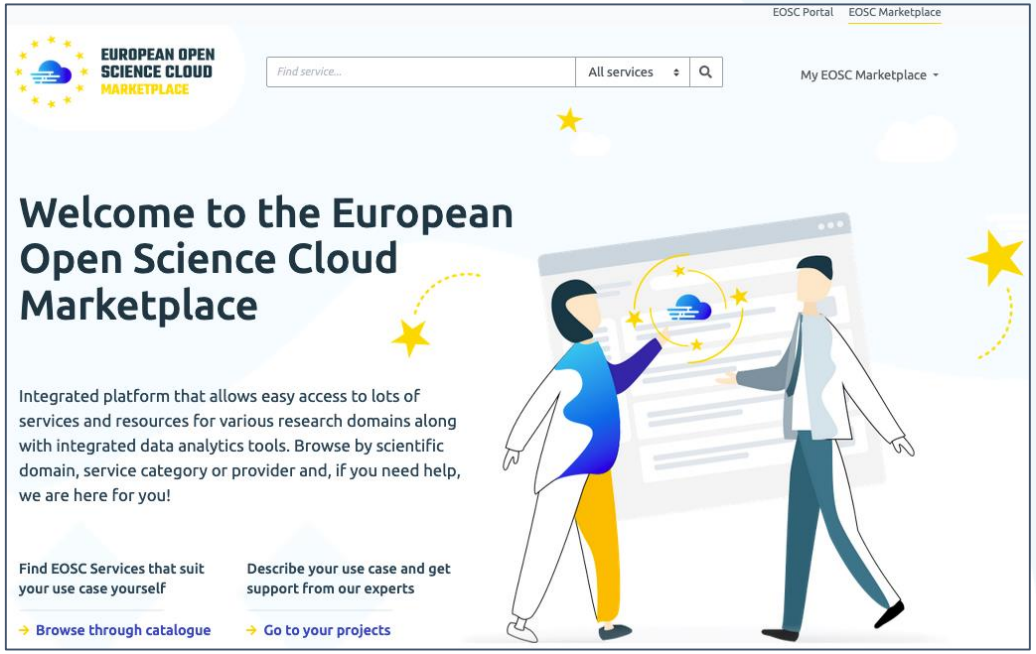
Objectives

- Objective 1: Enhance the service provider interface and incorporate new services and resources into the EOSC catalogue
- Objective 2: Accelerate the deployment and uptake of EOSC services and resources
- Objective 3: Increase user demand for EOSC services and resources via portal improvements and development
- Objective 4: Enabling easier access to thematic clouds services and data

EOSC Portal 2018





- For providers: publication and aggregation of services and research outputs information
- For users: browsing

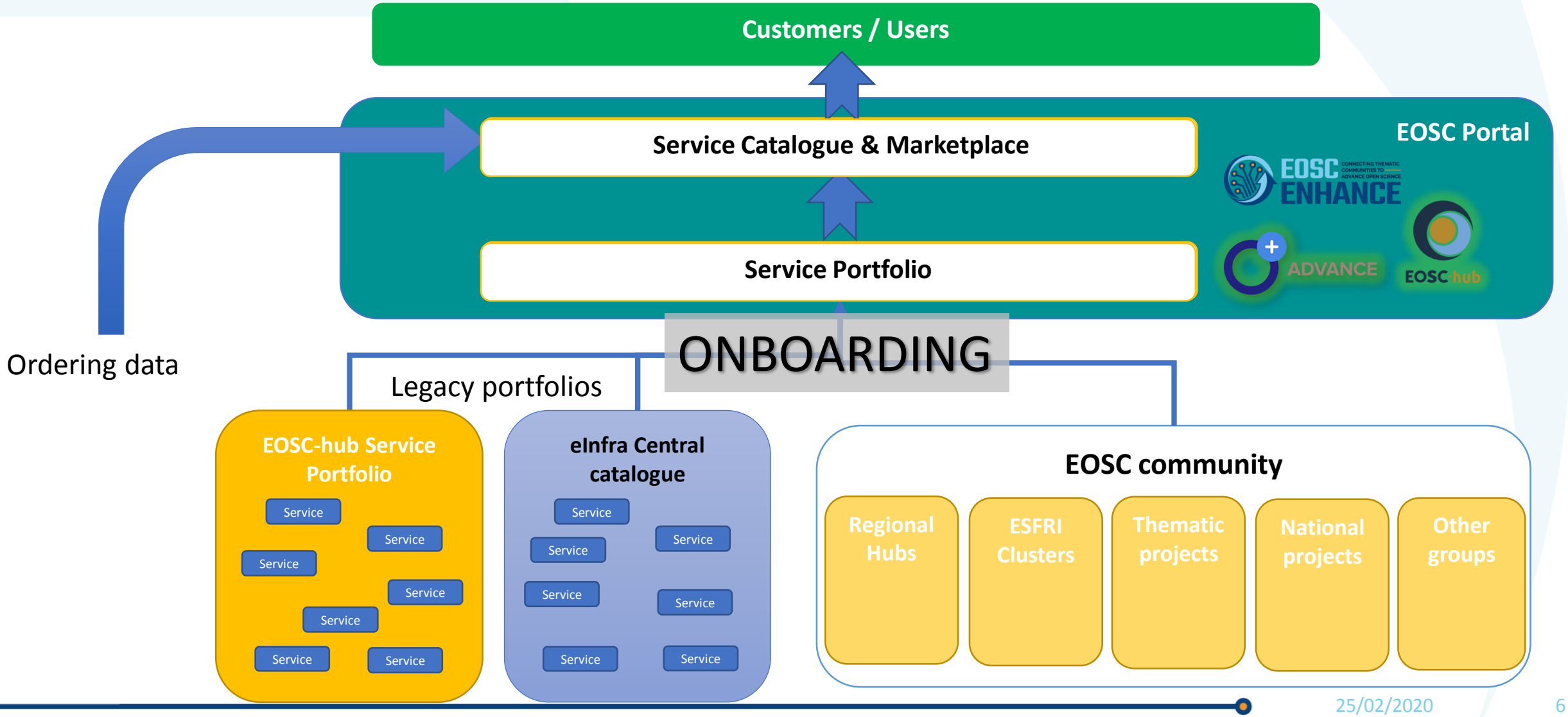
http://catalogue.eosc-portal.eu/home

) For providers: publication after validation of eligibility criteria related to service TRL of services and research outputs after validation

) For users: browsing, ordering, user ←→ Provider interaction

https://marketplace.eosc-portal.eu/

EOSC Portal 2020



Linking thematic catalogues/repositories

- EOSC Enhance will improve and enhance the discoverability of scientific services and data resources by further developing and widening the EOSC catalogue, through the integration of additional services and data resources (notably the ESFRI clusters and thematic and geographic clouds) as well as further technical enhancement of the functionalities for service providers (Open APIs, AAI) and users (search and comparison tools, etc.).
- Open APIs will provide the necessary technology stack for providers to exchange (provide or consume) resources and accountable indicators for their usage in a most automated way, e.g., ESFRIs to synchronise catalogues in the EOSC ecosystem.
- The open APIs will include methods and mechanisms for data acquisition (service metadata, indicators, and usage, etc.) from federated catalogues, such that synchronization of content will be seamlessly aggregated and presented in the EOSC catalogue. APIs will also specify the methods for data provisioning towards 3rd party catalogues and systems for the development of new added value services on the EOSC.

Requirements Gathering

Goals

- To guide the future enhancements to the EOSC Portal
- To reveal insights on the needs of future EOSC users
- To provide the EOSC community of actors with a better understanding on how to increase the EOSC user base

How can the community contribute?

- Webinars or workshops – EOSC-hub week 2020, 18-20 May Karlsruhe, Germany
- Online webforms and on-page polls
- Focus group interviews
- EOSC Secretariat Liaison Platform (e.g. through setup of a Req. Gathering Interest Group with the EOSC Secretariat)

Requirements gathering is one of the key activities of EOSC Enhance.

EOSC Enhance will assess and prioritise requirements for implementation

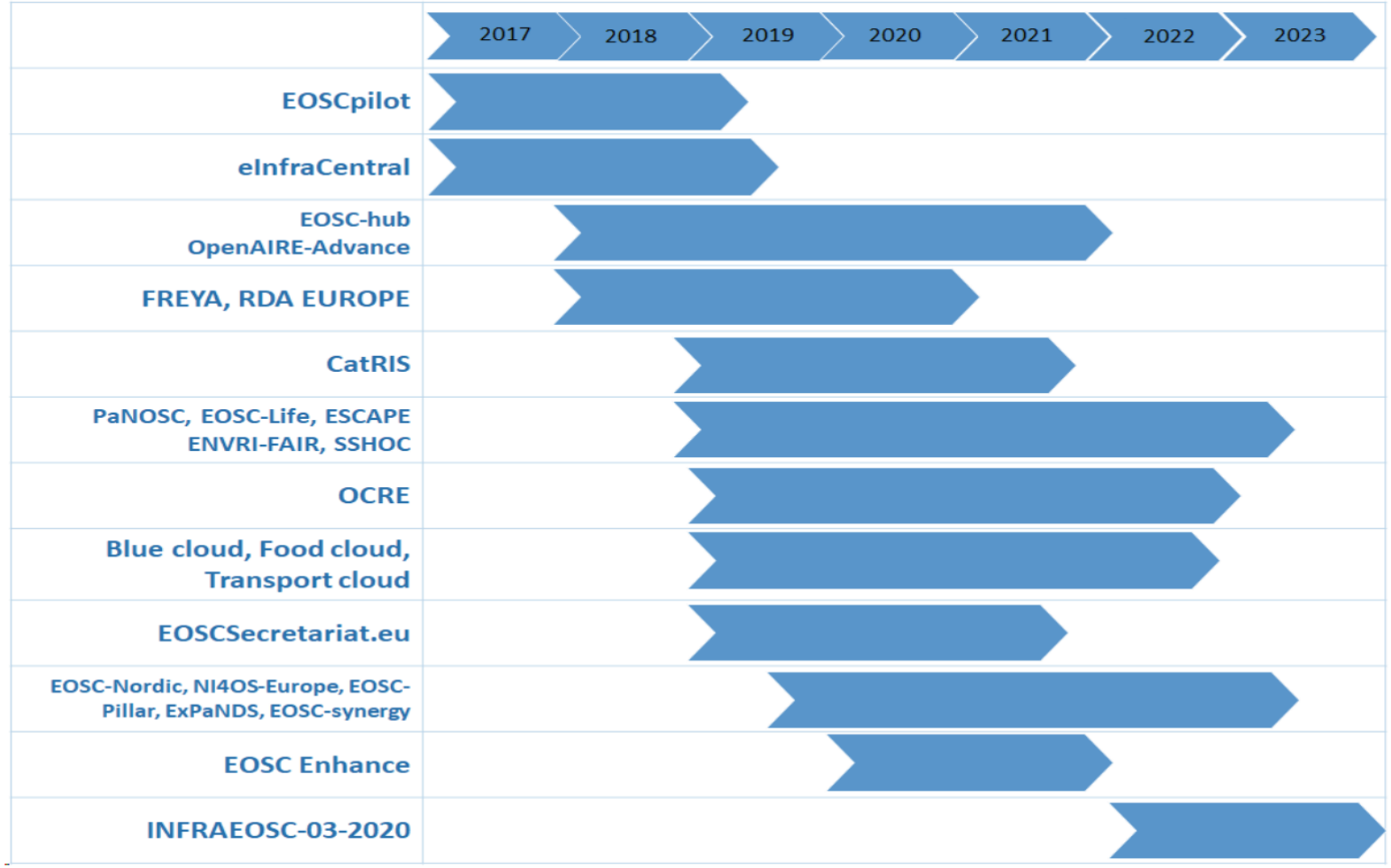
Opportunity to provide feedback will be given to the EOSC community

Alignment with EOSC Governance and follow-up project

The relationship with the EOSC governance (specifically with relevant Working Groups) and the the suite of INFRAEOSC projects will be addressed accordingly through the following:

- 1. due monitoring of ongoing state of play in terms of evolving needs, their source/ description/proposed activities: e.g. surveys and one-to-one meetings with key players (incl. the ESFRI Clusters and the major e-Infrastructures)
- 2. exchanging advice on essential building blocks either technical (e.g. EOSC Portal functionality and features) or operational (eg. coordination meetings and checkpoints to test solutions and proposals)
- 3. co-design solutions effectively addressing strategic long-term considerations and the future of the Portal as a horizontal entry-point

EOSC development timeline (projects funded under Horizon 2020)



Thanks from

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