

EOSCsecretariat.eu

Setup and management of the EOSC Secretariat supporting the EOSC Governance

Secretariat support services for the European Open Science Cloud



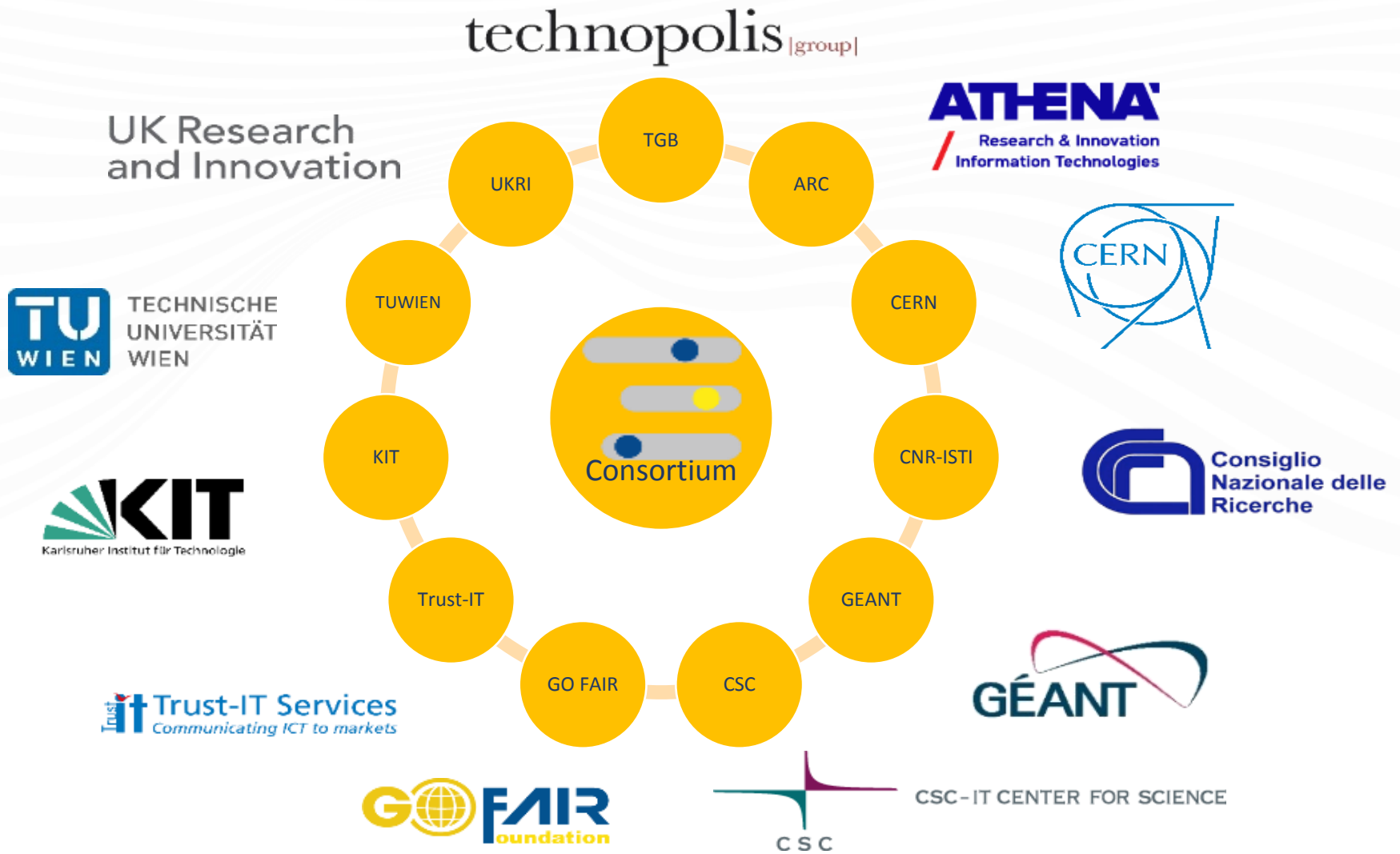
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Info & Scope



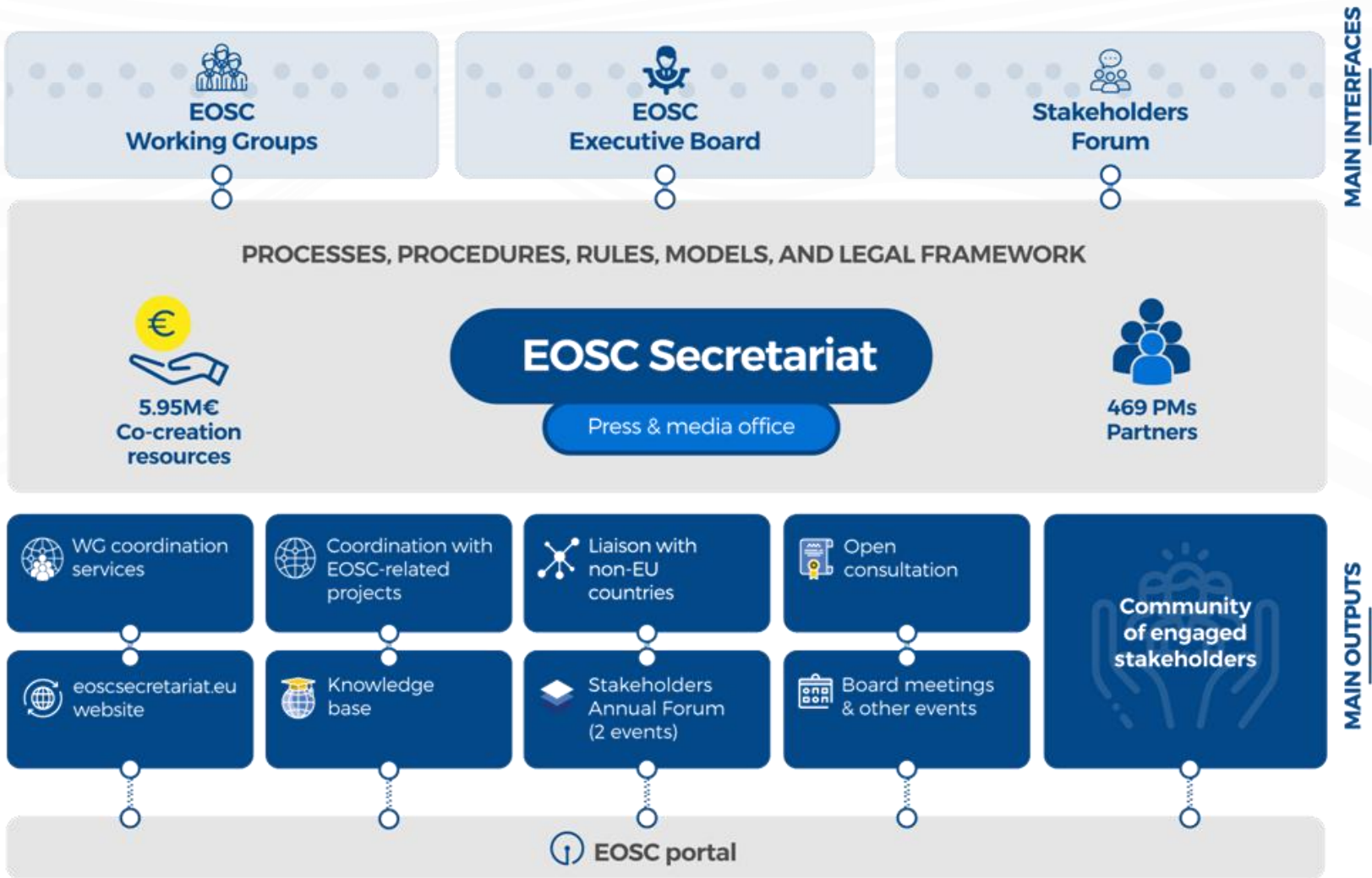
January 2019 – June 2021
<https://www.eoscsecretariat.eu/>

The team

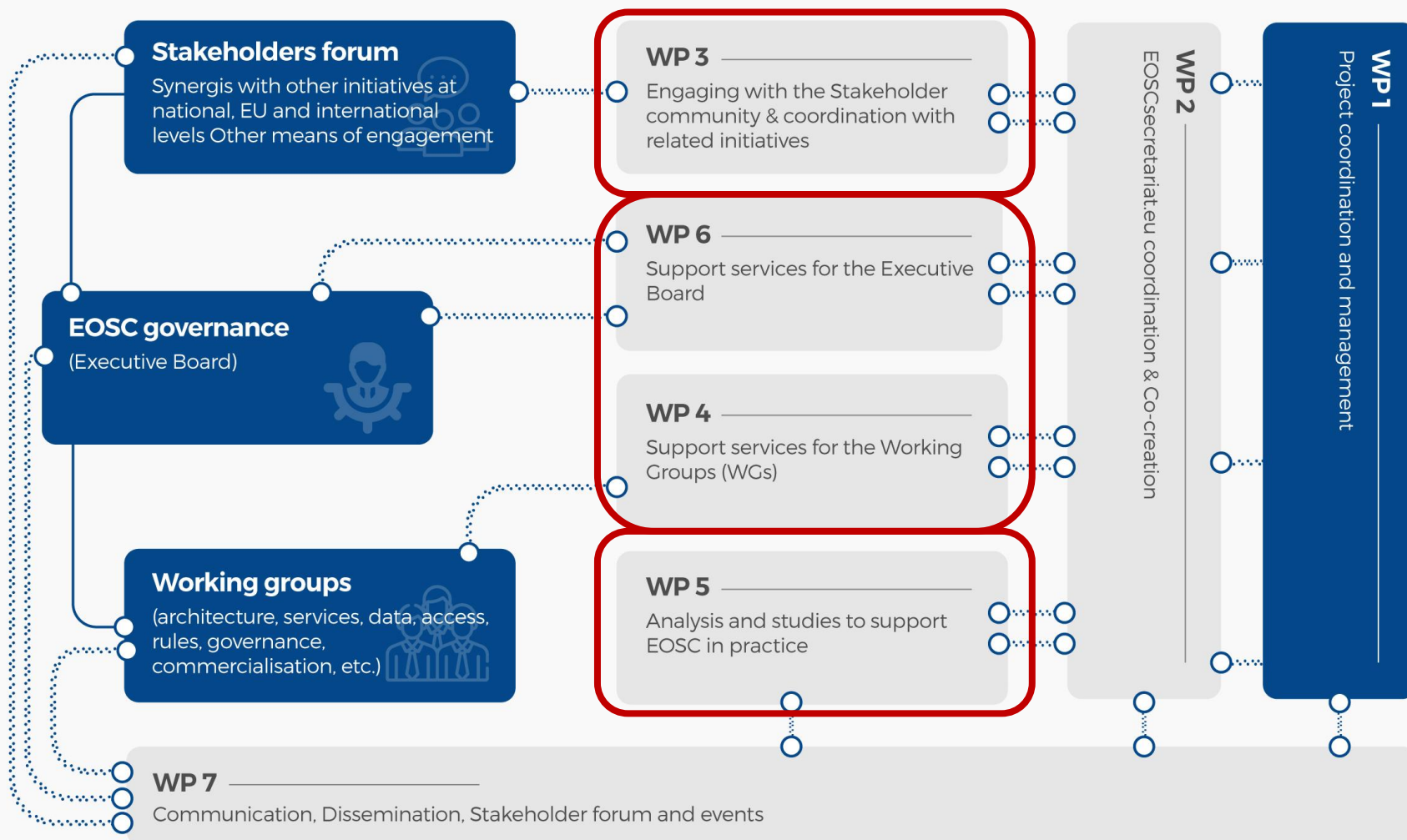


Highlights

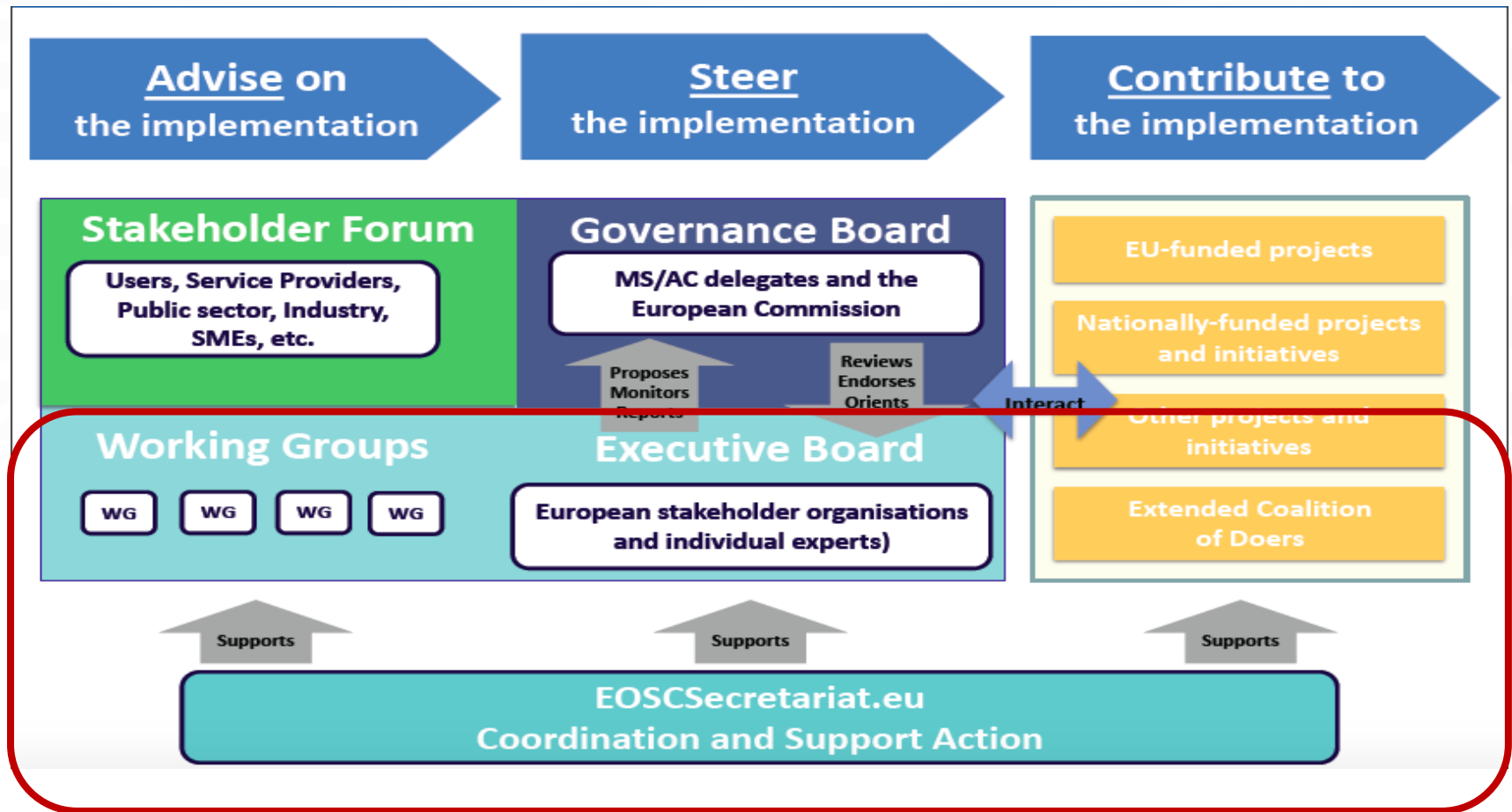
in a nutshell



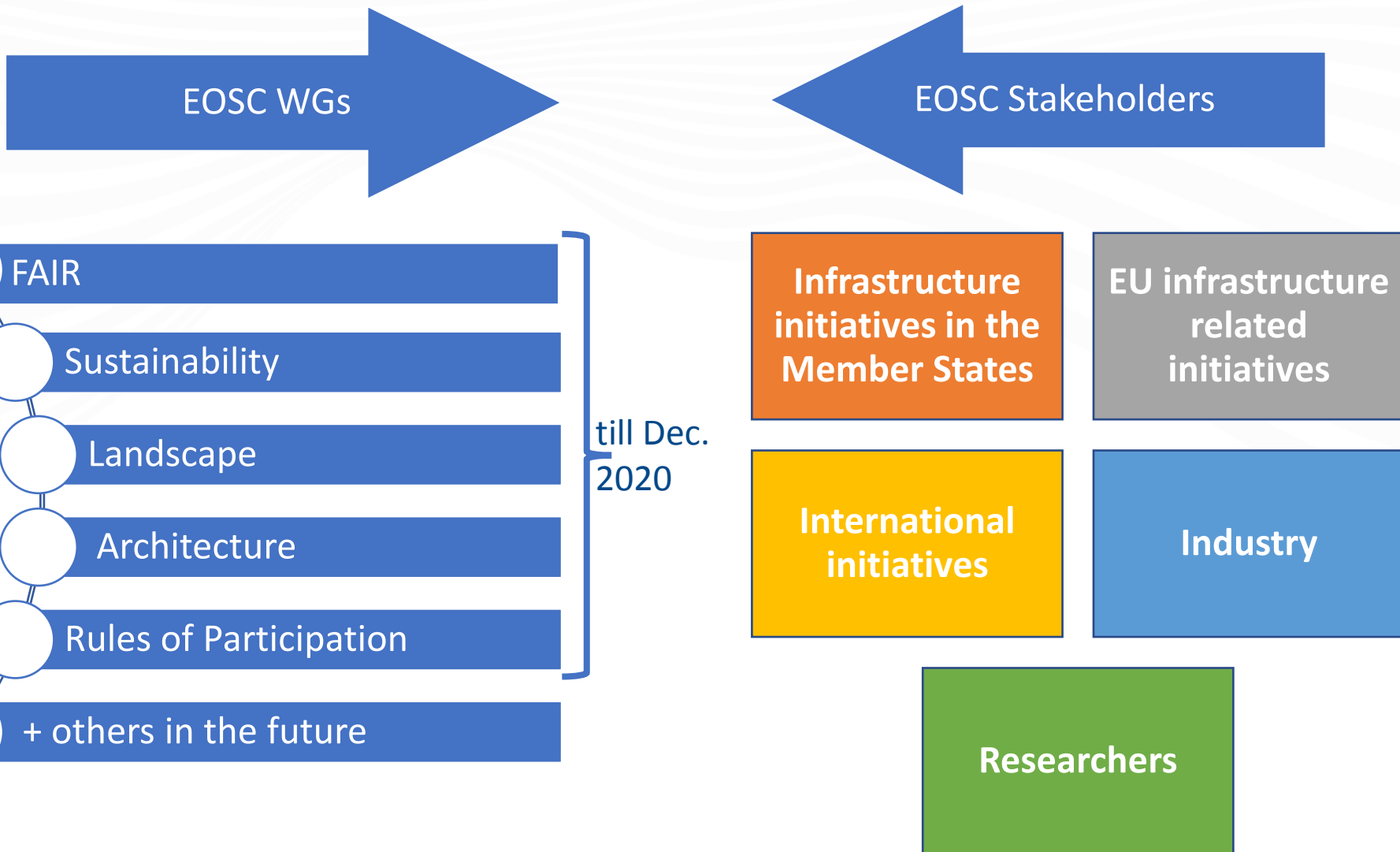
Services



EOSC Secretariat.eu role



Co-ordination and Intermediation



FAIR WG

Note: pre-final version



(coord. Sarah Jones)

● Mission

Coordinate and steer activities that implement **Open and FAIR practices within the EOSC**. It will address **cross-disciplinary interoperability**, gather requirements to inform the development of EOSC services, and advise the EOSC governance on FAIR-related matters

● Rationale

The implementation of FAIR and Open Science policy requires a **culture change** supported by appropriate **incentives and coherent, easy-to-use data services**. This WG will build on existing FAIR practice to increase maturity in all disciplines, and address interoperability across them to ensure that data are managed and shared in ways that maximise reuse.

● Activities

- Support the development and adoption of **data standards and sharing agreements**
- **Upscale best-practice solutions** already applied in specific scientific domains or countries to the multi-disciplinary and European levels
- **Propose/validate an EOSC Interoperability Framework** that overarches disciplinary approaches and encourages research infrastructures to be interoperable-by-design
- Identify **service requirements for FAIR implementation** to inform the Architecture WG
- Help steer international development to convergence on globally-accepted frameworks for the **certification of FAIR data and services**
- **Validate and implement FAIR assessment frameworks**, including the collation of results e.g. catalogues of FAIR repositories

Sustainability WG

Note: pre-final version



*(coord:
Rupert LÜCK,
Stephan KUSTER)*

● Mission

Provide a set of recommendations concerning the implementation of an operational, scalable and sustainable EOOSC federation after 2020, which will be gradually opening up its user base to the public sector and industry. The working group will examine core aspects related to **the business model of EOOSC, its governance structure** and propose options for the best-fit **legal entity to be put in place after 2020**.

● Rationale

Taking on board input of ongoing initiatives will support analysing the gaps towards identifying a future model for EOOSC and completing the EOOSC vision.

● Activities

The EOOSC Sustainability working group will assist the Executive Board in taking stock, assessing and recommending strategic and financing orientations that EOOSC could follow during its second phase of implementation (post 2020).

- Prepare a **business model** detailing the financial ecosystem required to sustain, upgrade and scale the EOOSC federation, as a whole and in its components. The model should propose mechanisms to ensure appropriate ongoing financial commitment by stakeholders and identify **where funding responsibility lies for different components and services**. It will identify income streams as well as opportunities for consolidation and economies of scale.
- Propose **an applicable governance framework** to steer and oversee initial EOOSC operations and further development beyond the initial phase.
- **Mapping the policy framework, considering regulations and legislation** influencing the EOOSC and defining **potential legal entity options** EOOSC could adopt to support optimal service delivery and growth post 2020.

Landscape WG

Note: pre-final version



(coord: Jan Hrusak)

● Mission

Providing options **allowing a progressive EOSC convergence and alignment of structures and initiatives in Europe** including national Ris and e-infrastructures, national open science policies, ESFRI RIs and cluster projects, thematic initiatives and clouds, EOSC-relevant H2020 projects and international working groups (such as RDA, etc.).

● Rationale

Building on the outcomes of the EOSC related projects and on the inputs provided by the Member States.

● Activities

(1) Deliver **the mapping of EOSC-relevant national infrastructures** and the current level of spending on research data infrastructures as follows:

- an initial mapping by Q3 2019 , based on what's existing in EOSC-HUB and other related projects , as well as any contributions by the GB members;
- a revised and final mapping by Q4 2019 with the input by the new INFRAEOEC-5b cluster of projects (to build on top of the initial mapping when they kick-off their mapping activities in September 2019).

(2) Take stock of **federation constraints and opportunities at the various architectural levels**, arising from national and regional structures and initiatives

(3) Propose **mechanisms and best practices that will facilitate convergence and alignment** between European, national and regional structures and initiatives.

(4) Conduct an analysis of the Member State's level of preparedness **to provide financial resources and support for political stability and infrastructural planning to EOSC**

Architecture WG

Note: pre-final version



*Coord: Jean-François
Abramatic*

● Mission

Proposing the technical framework required to enable and sustain an evolving **EOSC federation of systems**. Such a technical framework **may include standards, APIs and protocols** that will facilitate interoperable digital services delivered by diverse providers.

● Rationale

In order to fulfill the EOSC vision, an interoperability layer that allows to build the EOSC federation of systems

- has to be **defined**
- has to be **agreed upon by all stakeholders**
- has to be developed through an **open and transparent process**.

It will be **built on the results delivered by the EOSC-related Horizon 2020 projects**.

● Activities

Provide an in-depth **independent review of the current offering and the required evolution of the EOSC technical architecture, its standards and best practices**. It will propose a way forward by describing and/or defining:

- the EOSC core services and their interfaces
- the EOSC open source APIs for reuse by thematic services
- the EOSC portal components and federated catalogues of service offerings
- the EOSC data description standards
- any other standards and best practices necessary to ensure the evolution of EOSC and the widening of its user base to the industry and the public sectors.

Rules of Participation WG

Note: pre-final version



*coord.
Juan Bicarregui*

● Mission

Recommending a **minimal set of clear RoP** that shall define the **rights, obligations and accountability** governing all EOSC transactions by the various EOSC users, providers and operators. Emphasis will be put on finding the common requirements across the very heterogeneous European landscape of RIs and service providers.

● Rationale

The recommended RoP shall embrace the principles of **openness, transparency and inclusiveness**. They shall guarantee an open, secure and cost-effective federated Pan-European EOSC with services of documented quality.

Rules applicable to different EOSC users will take into account:

- The **different roles and different services available** in EOSC (eg data producers, service providers, data/service users);
- The specificities of **different scientific disciplines**;
- The **diversity and level of readiness** of infrastructures and services at disciplines, Member States and Associated Countries, and EU level and the differences in their established rules and processes;
- The **variety of service providers and users** that will be involved in the EOSC (e.g. public versus private, horizontal versus specialized);
- Changing needs and practices regarding the implementation of the rules, in particular concerning **compliance with existing legal frameworks in Europe** (GDPR, etc.) and emerging ones (e.g. free flow of data)
- The widening of EOSC user base to the industry and the public sector.

● Activities

- Proposal of **an initial set of RoP by the end of 2019 for implementation from 2020 onwards**;
- The collection in 2020 of user feedback on the initial set of RoP, followed by a **revised proposal of the RoP for application after 2020**.

How you can be informed and contribute

If you want to know more about EOSCsecretariat visit us at www.EOSCsecretariat.eu and subscribe to our network

Available Soon:

- What EOSC can do for you
- How the stakeholder group can engage with EOSC and EOSC Secretariat
 - *Funding for stakeholders and experts to organise activities (public consultations, targeted consultations, surveys, focus groups, events, etc.)*
 - *Opportunity to join the EOSC Liaison Groups and relevant EOSC working groups*
 - *Collection of input for the studies on rules of participation, business models, and legal organisation*

Contacts

You can also get in touch with us at:

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Stakeholders **contact** points:

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EU infrastructure related
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Joseph Van Wezel (KIT)

International initiatives
Mascha Jansen (GO-
FAIR)

Industry
Bob Jones (CERN)

Researchers
Andreas Rauber
(TUW)/Paolo Budroni
(UniVie)

Thank you

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