

# *The European Open Science Cloud*

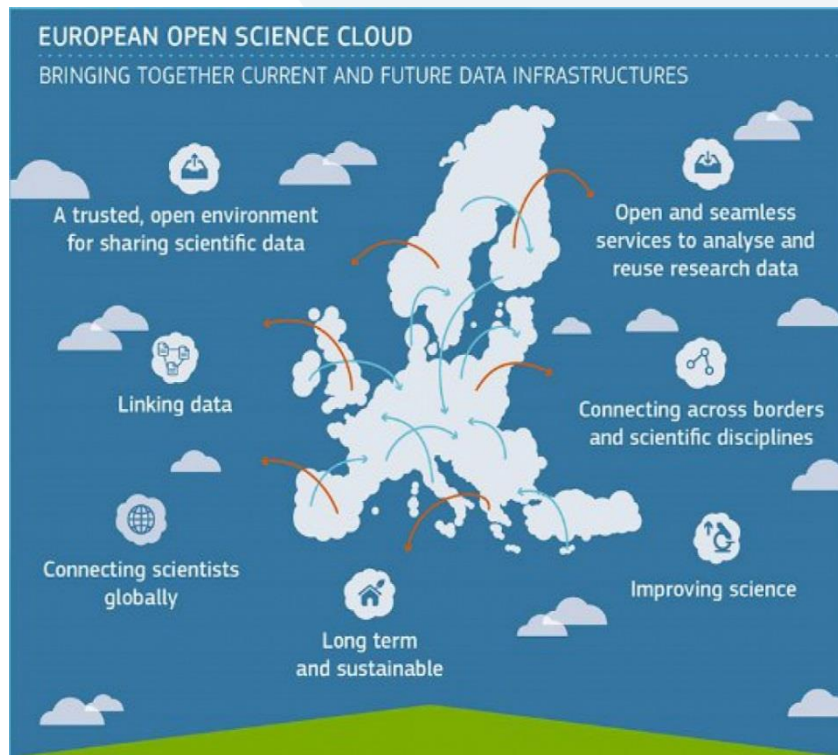
-EOSC - Latest developments in the eyes of a Governance Board Member -

# EOSC-The European effort

EOSC will provide **1.7m EU researchers** an environment with free, open services for data storage, management, analysis and re-use across disciplines

EOSC will join existing and emerging horizontal and thematic data infrastructures, **bridging today's fragmentation and ad-hoc solutions**

**EOSC will add value and leverage** past infrastructure investment (10b per year by MS, two decades EU investment)





# EOSC-The European effort

“Europe's final transition must be one from fragmented data sets to an integrated European Open Science Cloud. By 2020, we want all European researchers to be able to deposit, access and analyse European scientific data through a European Open Science Cloud...”

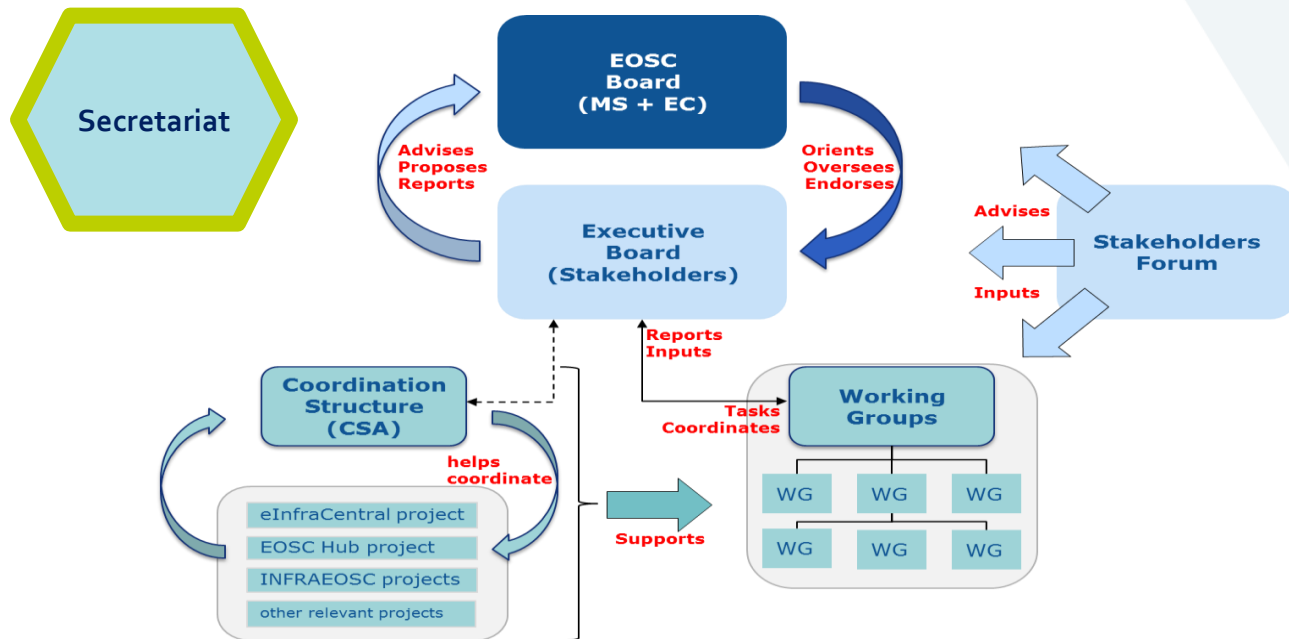
## The Vienna Declaration on the European Open Science Cloud Vienna, 23 November 2018

<https://eosc-launch.eu/declaration>

In November 2018, the European Commission, MS and stakeholders launched the European Open Science Cloud (EOSC) at the University of Vienna. The European Open Science Cloud (EOSC) envisions establishing a European data infrastructure, integrating high-capacity cloud solutions, eventually widening the scope of these services to include the public sector and industry.



# EOSC-Governance structure



Three layer structure as per  
Horizon 2020 WP 2018-2020

- *EOSC Board of MS/AC and EC representatives to ensure effective supervision of EOSC implementation*
- *Executive Board of stakeholder representatives to help ensure proper EOSC implementation and accountability*
- *Stakeholder Forum to provide input from a wide range of actors*

# EOSC-The European effort

	<b>Formal vehicle</b>	<b>Set-up calendar</b>
<b>EOSC Board</b>	Working Group of the strategic configuration of the H2020 PC (EOSC WG)	Set-up: October 2018 1 <sup>st</sup> report to H2020 PC: 22/11 End: December 2020
<b>EOSC Executive Board</b>	Commission formal Expert Group	EC Decision: 27/08 Call for EoI: 11/9-10/10 Set-up: November 2018 End: December 2020
<b>Stakeholders Forum</b>	Self-organised with EC support; notably by the Coordination and Support Action funded by the WP of H2020 - INFRAEOSC Call	Currently: EOSC pilot Re-launch: early 2019

# Financing of the EOSC

## Phase 1, until 2020:

- the Commission will invest EUR 300 million to support the core functions of the EOSC as per milestones
- Member States would flag the national initiatives that they want to federate into the EOSC (e.g. the work of the Helmholtz Data Alliance); and the resources they are willing to provide in kind
- Research funders would start making costs eligible for FAIR data only

## Phase 2, after 2020:

- To explore a mix of funding including possibly deposit fees from national funders (P, Pub, PPP, ...)
- Based on a full cost estimate for the running of the EOSC, conducted by the EOSC governance framework in Phase 1

## Decision on setting up the first five Working Groups

- ***Business model, governance structure post 2020, legal entity - Sustainability,***
- ***Mapping national initiatives - Landscape,***
- ***FAIR implementation - FAIR (requirements )***
- ***Federated infrastructure and portal evolution – Architecture,***
- ***Rules of participation.***



## Decision on setting up the first Sub-Working Groups

1. *Formed by the GB*
2. *Open to all GB Delegates; with at least five country representatives*
3. *Fully transparent.*
4. *Self-organised, can request support from the Secretariat.*
5. *May nominate a representative to participate in, or liaise with a working group.*
6. *Report on a regular basis to the GB and prepare the input to GB meetings on their topic*

## Decision on setting up the first Sub-Working Groups

### 4 core operating principles:

**Openness,  
Inclusivity,  
Balance  
and Foresight.**

The role of these sub-groups is **to support the deliberations** of the GB by providing **analysis and recommendations on key issues** relevant to the co-construction, development, and sustainability of the EOSC.



## Legal environment of EOSC – main European legal acts

- GDPR, Reg. (EU) 2016/679
- Copyright Directive
- Database Directive Dir. 96/9/EC
- PSI Directive & Rec. (EU) 2018/790

**Thank you for attention!**