EOSC Governance: Where do we stand, where are we heading to

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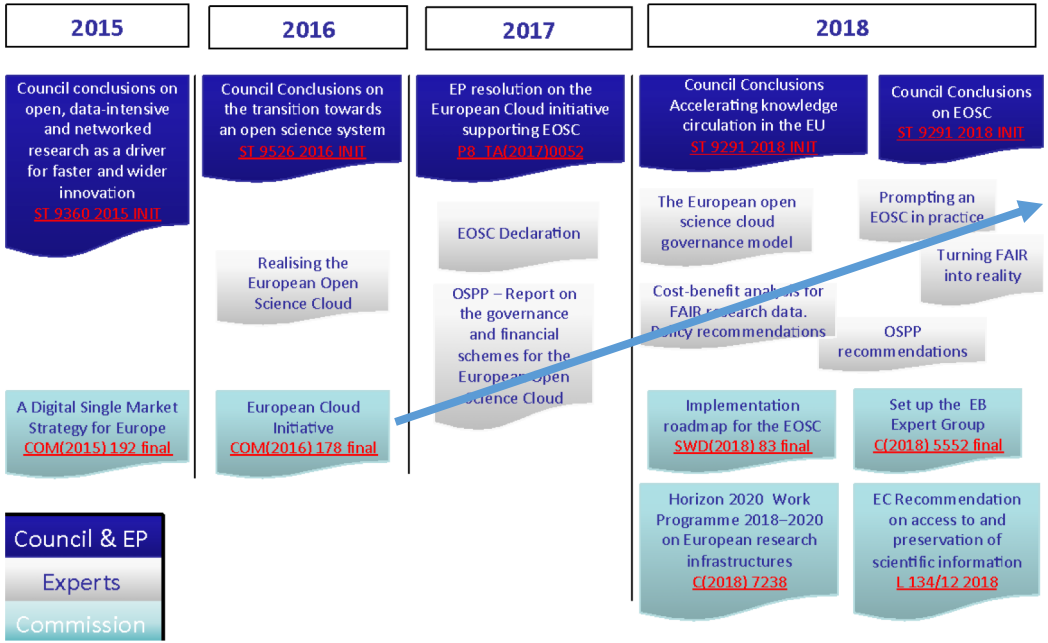


EOSC Governance: Where do we stand, where are we heading to

Ivan Marić, SRCE – University of Zagreb, University Computing Centre
EOSC GB Croatian delegate

NI4OS-Europe Governence Workshop (vc), 8 July 2020

Launching



The objective of the EOSC is to give the Union a global lead in research data management and ensure that European scientists reap the full benefits of data-driven science, ***by offering 1.7 million European researchers and 70 million professionals in science and technology a virtual environment with free at the point of use, open and seamless services for storage, management, analysis and re-use of research data, across borders and scientific disciplines***

Source: EOSC Strategic Implementation Plan

EOSC Vision

EUROPEAN OPEN SCIENCE CLOUD

*“We are creating a **European Open Science Cloud** now. It is a trusted space for researchers to store their data and to access data from researchers from all other disciplines. We will create a pool of interlinked information, a ‘web of research data'. Every researcher will be able to better use not only their own data, but also those of others”*

Ursula von der Leyen, President of the European Commission

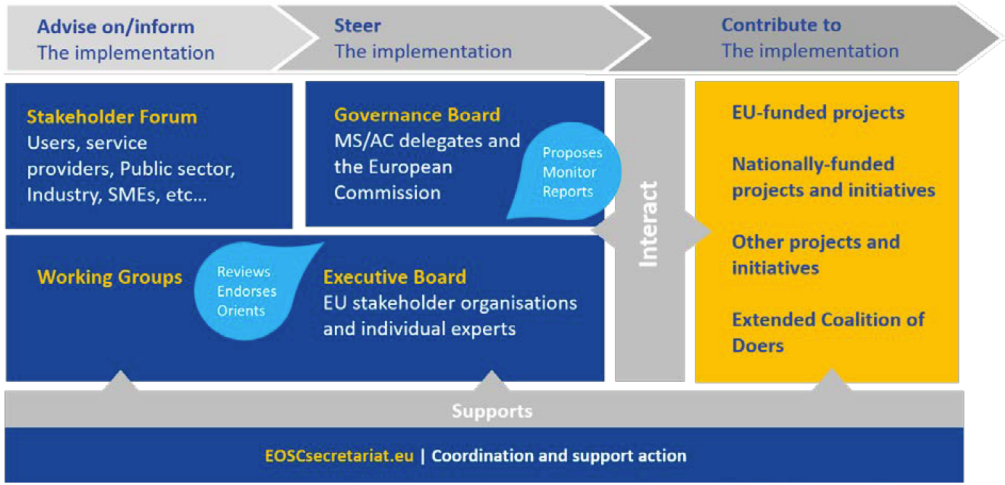
- Key aspects
  - Open Science and FAIR data
  - Federation of existing and planned infrastructures and policies
  - Co-operation across disciplines and countries



EOSC Where do we stand?

EUROPEAN OPEN SCIENCE CLOUD

- 2018 –2020 initial period of EOSC implementation
  - H2020 projects
  - Governance: Executive Board + 6 WG, Governance Board, European Commission
- Preparation for next stage:
  - Strategic Partnership under Horizon Europe programme
  - Set up a Minimum Viable EOSC
  - Governance structure, including an EOSC association, Strategic research and innovation agenda



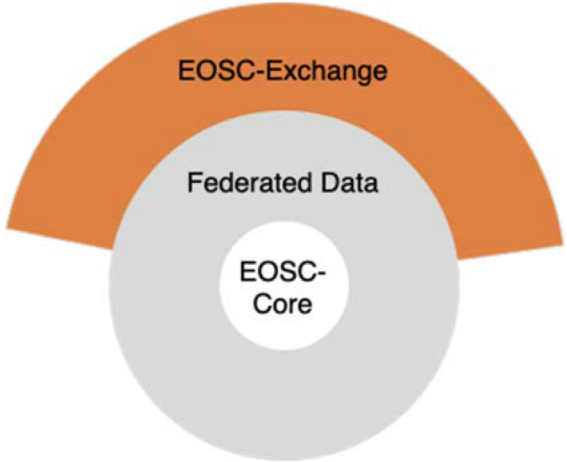
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EOSC 2020 Workplan ?

EUROPEAN OPEN SCIENCE CLOUD



READ IT!



MINIMAL VIABLE EOSC (MVE)

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EOSC Governance Board – main issues

Partnership proposal

- Co-programmed partnership
- Pp published: https://ec.europa.eu/info/files/european-open-science cloud-eosc_en
- October, 2020: final version
- Content: EOSC-vision, objectives, reasons for partnership planned implementation, governance of the partnership

- In total 79 delegates representing all 27 Member States and 13 Associate countries (as of today)



https://www.eoscsecretariat.eu/eosc-governance/eosc-governance-board

EOSC Governance Board – main issues

Sustainability of EOSC

- Legal entity: Belgian AISBL
- Association will be partner of EC
- 4 founding members (2 by EB, 2 by GB):
  - EB: GEANT, CEASAR
  - GB: ICDI,
- State of Statutes – 1 Jul GB meeting version (?) will go publicly soon
- State of Bylaws – small group (EB + founding members + ..) will work on final version
- Bootstrapping the membership of EOSC AISBL
  - EOSC AISBL is expected to be an association open to a broad group of stakeholders
  - EOSC AISBL initial candidate members (interest on open list available to all)

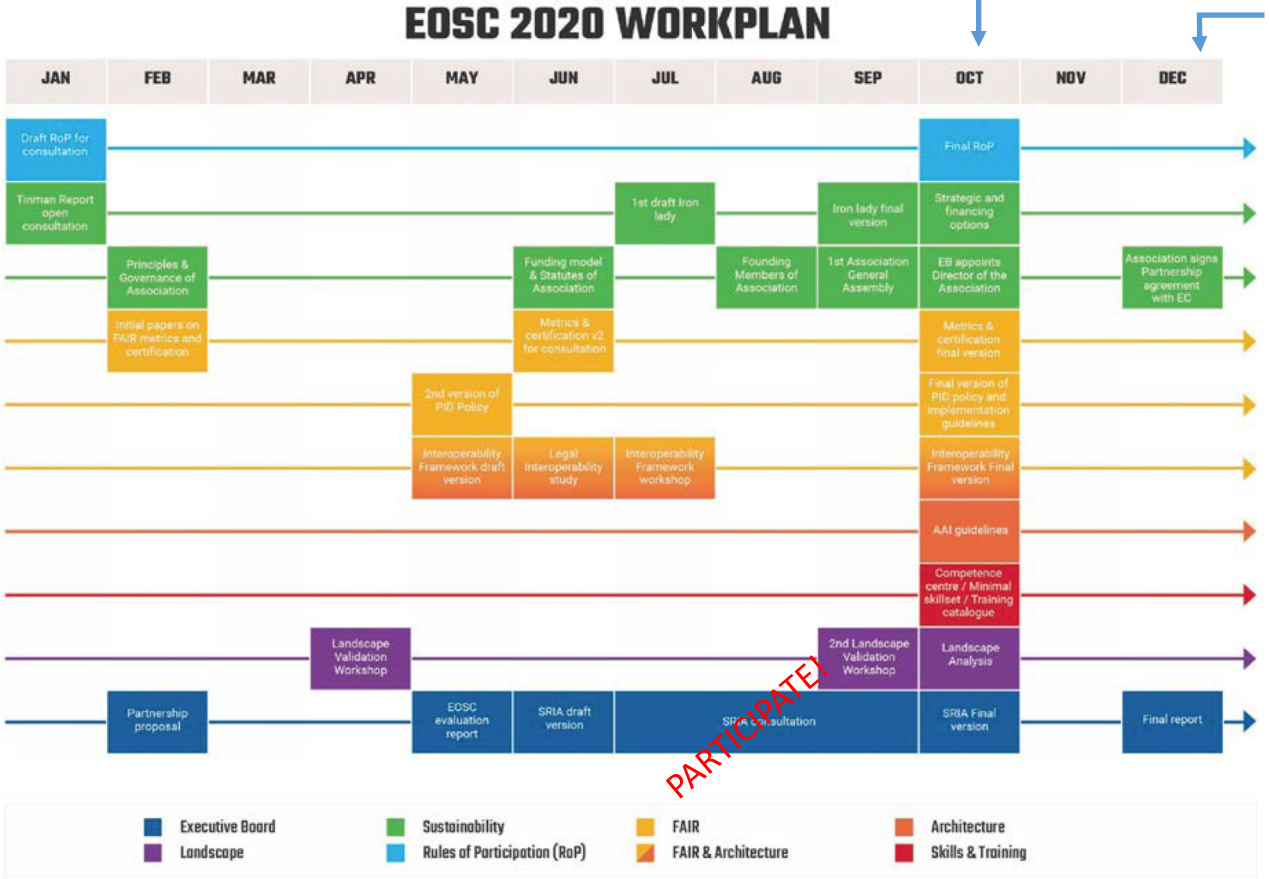
  https://www.eoscsecretariat.eu/indication-interest-becoming-member-organisation-eosc-aisbl

Next steps

- Develop **SRIA** together with stakeholders:
  - June: Proposal in GB
  - open consultation process, EOSC symposium
- **Memorandum of understanding** for partnership
- Integration of results of **Working Groups**
  - Skills & Training
  - Landscaping
  - Persistent Identifier Policy
  - Rules of Participation
  - FAIR
- Iron Lady published and discussed,
- Funding model
- etc....

EOSC Symposium, 19-20 Oct, Berlin

EOSC Launch, Dec, Berlin



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EOSC Governance Board – main issues

Steering Board

- Developing ToR
  - Overall aim
  - Position within HE / ERA
  - Mandate
  - Membership
  - Working modalities
  - Interaction with the EOSC aisbl and the Partnership Board
- GB meeting, 1 Jul, GB subgroup created (SB ToR)
- GB meeting, 1 Oct: draft ToR
- GB meeting, Nov: Final ToR
- 2021: nominations and start of SB



Challenges

- Very tight timelines! Again!
- Attractiveness of EOSC for members and users of EOSC
- Linking diverse national and international infrastructures
- Openness
- Communication

Building a NOSC

- Assure that there is a national RI (including e-infrastructure) Roadmap
- Secure funding (of the building blocks) / sustainability
  - Next step: develop process to evaluate and to decide on tapering-off-or continue
- Use already existing building blocks to construct a first version of a NOSC (national open science cloud), with clear links (‘edges’) to a European / international network
  - Many research infrastructures serve as national node in EU RIs (=> connection to ESFRI; ERICs).
  - National e-infrastructure serves as national node in a number of pan-EU e-infras (GÉANT, PRACE, EuroHPC JU, EGI, EUDAT, …)
- Foster national partnerships: specific focus on ‘glue’ between partners that should build trust
  - Horizontal: (change) joint projects to develop new services, (run) operating a federated facility with central node and edge nodes
  - Vertical: (change) joint projects to build data standards and a service catalogue, (run) joint application for big (societal/scientific) challenge-projects
- Get out (to Industry and Public sector)

Challenges

- Motivation for researchers
- No single solution, each country is different (is it?)
- EOSC governance: co-existence of NOSC (hierarchy) and ’broad group’ (flat) model
- Many more..

Appendix: European COVID-19 Research Data Platform

Europan COVID-19 Data Platform - Overview

- Rapid collection and sharing of:
  - available research data: clinical and epidemiological datasets

  but also
  - list of institutions and research groups working on COVID-19 related research activities and list of e-infra resources
- FAIR data principles
- Operated by EMBL-EBI (wider then Elixir resources).
- Launched on 20th April as a part of ERAvsCorona Action Plan (10 priority actions)
  - https://www.covid19dataportal.org/

Europan COVID-19 Data Platform – A distributed coordination model

Nomination of an EOSC/COVID-19 coordinator in each MS/AC

- would be the to “go-to person” for the consortium developing the European COVID-19 Research Data Platform.

In addition, it is recommended to as far as possible establish national coordination teams in each MS/AC covering the areas of policy, data management, research and healthcare:

1) **A policy coordinator**
2) **A technical coordinator**
3) **A research coordinator**
4) **A health-care coordinator**

1st meeting was held on 2 July!!

Thank you!

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