




Institut national de physique nucléaire et de physique des particules

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A composite image showing particle tracks on the left and a colorful nebula on the right, set against a starry background. The tracks are thin lines of various colors (yellow, orange, red, blue) radiating from a central point. The nebula is a large, diffuse cloud of gas and dust in shades of purple, pink, and blue.

Sonder les infinis : des particules au cosmos



**EUROPEAN OPEN
SCIENCE CLOUD**

Groupe de travail CNRS-EOSC

[Volker BECKMANN](#)

IN2P3 Directeur Adjoint Scientifique (DAS) Calcul & Données

EOSC Landscape Working Group

Landscape:

- Mapping of the existing research infrastructures in Europe which are candidates to be part of the EOSC federation
- ~~Mars 23/24~~ **Avril 27/28**, 2020: [EOSC Validation Workshop](#)
- présentation rapport pour Commission, [EOSC Executive Board](#) et [EOSC Governance Board](#)
- long terme: s'appuyer sur des enquêtes projets INFRAEOSC-5b
- analyse et recommandations

Chair



Jan Hrusak

Co-chair



**John
Womersley**

Opening: 19.11.2019, Deadline: ~~22.4.2020~~ → **18.6.2020**

[INFRAEOSC-03-2020](#) (RIA*): Integration and consolidation of the existing pan-European access mechanism to public research infrastructures and commercial services through the EOSC Portal

1 proposal, *EUR 40.9 million [ESFRI clusters + EGI + EUDAT + ...]*

[INFRAEOSC-07-2020](#) (RIA): Increasing the service offer of the EOSC Portal, 6 service areas, at least one funded project per area

(a1) Distributed and cloud computing resources, EUR 8 million [EGI] → ACE proposal

(a2) Data services, EUR 7 million [EUDAT]

(a3) Services supporting scholarly communication and open access, EUR 4 million [OpenAire]

(a4) Above the net services, EUR 2 million

(a5) Services and resources from non-research public sector data providers, EUR 1 million

(a6) Additional research enabling services, EUR 2 million

*RIA: [Research and Innovation Action](#)

Nouvelles d'EOSC

<https://www.eoscsecretariat.eu/news-opinion/second-phase-eosc-next-steps-governance>

- European Partnership Agreement for EOSC under Horizon Europe
- establishing a legal entity for EOSC
- develop a Strategic Research and Innovation Agenda (SRIA) for this partnership
- [EOSC Executive Board Consultation Day on 18 May 2020](#) in Karlsruhe in collaboration with the EOSC-hub Week
- EOSC Symposium, second part of October in Berlin
- launch the second phase with a new EOSC Governance in early December 2020, again in Berlin.

EOSC Partnership proposal (as of April 7)

- Partnership envisions the core of EOSC as the federation of infrastructures, forming a Web of FAIR Data for science
- “co-programmed” partnership between the Commission and new EOSC association
- Association founded as a not-for-profit organisation (AISBL*), participation open to relevant stakeholder organisation that comply with its Statutes
- At a later stage, when a sustainable business model is determined, the EOSC Association may also be able to take on, or outsource some EOSC operational core functions directly itself
- develop a Strategic Research and Innovation Agenda (SRIA) for this partnership

April 2020

Executive Board approves initial SRIA draft

May 2020

Governing Board reviews initial draft

June 2020

Launch Open Consultation

September 2020

Open Consultation end

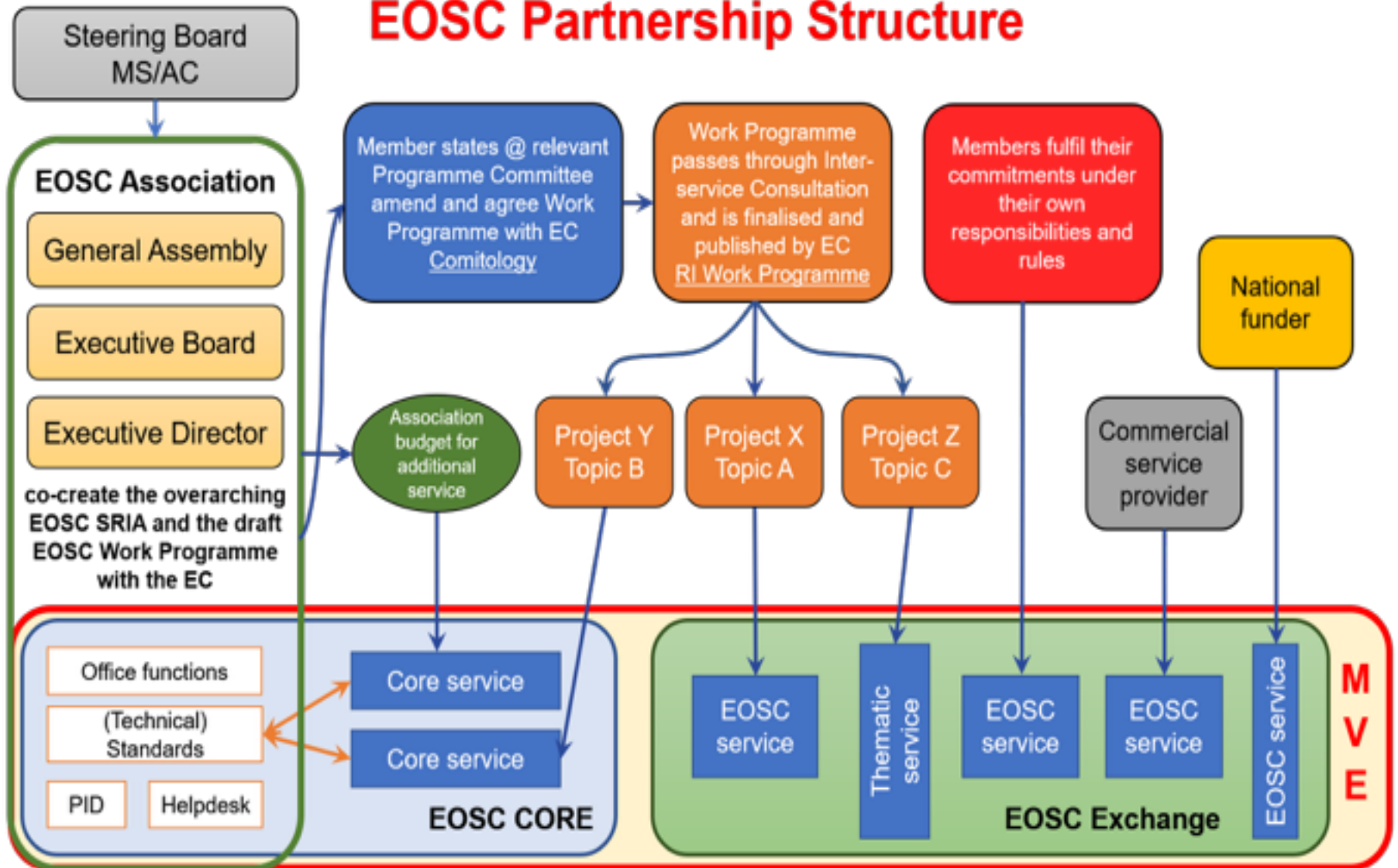
October 2020

EOSC SRIA1.0 public during EOSC Symposium

*AISBL: *associations internationales sans but lucratif*

EOSC Partnership

EOSC Partnership Structure



MVE: Minimal Valuable EOSC; SRIA: Strategic Research and Innovation Agenda

EOSC Partnership



Extremely tight timeline

EOSC Partnership



Extremely tight timeline

- MESRI devait proposer un partenaire fondateur français pour l'association (AISBL)
- Après consultation du CNRS, le MESRI a proposé le CNRS à la commission européenne
- Point de contact: Volker
- portée et règles de l'AISBL non encore fixées

EOSC evolution

Phase 1: 2021-2023

The timeline will be based upon

- The status of delivery of the existing H2020 projects,
- The programme of the projects that will be supported by the upcoming Horizon Europe calls.

These projects are currently focused on the implementation of the Federating Core and the first components of EOSC-Exchange.

Phase 2: 2024-2025

The timeline will prioritize

- The deployment of services focused on Open and FAIR data
- The deployment of multidisciplinary thematic services
- The development of technologies essential to the widespread deployment of FAIR data

Phase 3: 2026-2027

Goal: develop and deploy services that will serve the society at large with significant contributions from the private sector. EOSC deployment will create market opportunities for new innovative companies to engage in supporting the deployment of Open Science.

EOSC en France

- CNRS proposé comme partenaire fondateur (à approuver)
- Besoin: association en France représentant tous les acteurs concernés
- Approche parallèle: faire CNRS un partenaire fondateur, créer une association en France
- CNRS: rôle clé
- Besoin: model business / gouvernance EOSC@CNRS
- Relation avec 'direction données' ?

Create a CNRS/EOSC marketplace:

- responds to needs not (yet) covered by EOSC marketplace
- allows to offer / request easily within CNRS
- helps service uptake to the EOSC
- light-weight cost/effort reimbursement on institute level through global evaluation and provision of RH (and budget?) through MICADO



[Link to working document
on box.in2p3](#)

EOSC @ CNRS: vers un modèle de financement durable

Next steps:

- traduire les besoins généraux par institut en besoins quantitatifs (services, stockage, ETP...)
- mutualisation des besoins
- aperçu quantitatif EOSC @ CNRS
- pas besoin d'être complet: commencez par des besoins bien définis et réalistes
- discuter du nombre de postes @MICADO (uniquement activités transversales)
- besoin supplémentaire de financement @CNRS (via MICADO?) ?
- -> cela devrait être cofinancé par *Horizon Europe Work Programme co-funding* (TBD)

Co-programmed European Partnerships

Between the Commission and private and/or public partners. Based on memoranda of understanding and/or contractual arrangements

Co-funded European Partnerships using a programme co-fund action

Partnerships involving EU countries, with research funders and other public authorities at the core of the consortium.

Prochaines Etapes CNRS-EOSC

mandat d'Alain Schuhl: progrès significatifs CNRS-EOSC dans 6 mois

Prochaines étapes GT CNRS-EOSC :

- déterminer les besoins qui pourraient relever de l'EOSC, proposition d'approche → rapport préliminaire Janvier 2020
- journée EOSC au CNRS → Janvier 2020
- EOSC vision, business model → février-mars 2020
- Présentation au comité directeurs instituts CNRS

Dates importants:

- Avril 27/28: EOSC Landscape Validation workshop
- [EOSC Executive Board Consultation Day on 18 May 2020](#) in Karlsruhe in collaboration with the **EOSC-hub Week**