



# Institut national de physique nucléaire et de physique des particules

[www.in2p3.fr](http://www.in2p3.fr)

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, colorful 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*

# 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 Landscape Working Group

## Landscape:

- Mapping of the existing research infrastructures in Europe which are candidates to be part of the EOSC federation
- Draft of the analysis report:  
<https://docs.google.com/document/d/1IV-R0lh4HsxMAs9nQZXIAw5bxs5oWumN/>
- Mars 23/24, 2020: présentation rapport pour [EOSC Executive Board](#) et [EOSC Governance Board](#)
- long terme: s'appuyer sur des enquêtes projets INFRAEOSC-5b

**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]** → discussion of proposal core team 6.11.

**(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](#)

# EOSC @ CNRS: vers un modèle de financement durable

## Hypothèses

- pas de financement direct pour le personnel permanent / les infrastructures
- cofinancement avec des projets (limités dans le temps)

## Nos objectifs devraient être

- travailler pour des services dans l'intérêt du CNRS
- répondre aux besoins les plus urgents → évaluer
- objectifs réalistes
- fournir un cadre pour la participation CNRS-EOSC
- coordonner l'implication du CNRS à travers GT CNRS-EOSC / MICADO
- modèle flexible (EOSC pas encore complètement défini)

## 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.

## 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](#)



## Institute with service offer to enter marketplace:

Propose a service (e.g. data repository, data storage service, high-level service, ...)

To be eligible to enter the CNRS Marketplace:

- $\geq 2$  institutes involved (*necessary condition?*)
- EOSC-type service offer
- not yet fully financed (*no double financing!*)

Service already in EOSC marketplace?

- Yes → add link to CNRS marketplace
- No → enter CNRS marketplace

## Institute with service request:

Institute requests a service

to be eligible to enter as a CNRS Marketplace request:

- EOSC type
- not yet in EOSC or CNRS Marketplace
- not yet already financed
- no self-request (*i.e. no request of services to which the group requesting wants to provide the service offer...*)

→ add to the CNRS marketplace request site

→ institutes can put in service offer (see previous slide)



## Service request-offer match

Match between offer and request found

- estimate cost (ETP, infra)
- add cost to overall balance per institute

## Financing and RH

- review cost balance of institutes once (?) per year
- allocate MICADO RH in relation to non-balanced service provision of institutes
- allocate budget (TBD) for non-balanced infrastructure provision

## Advantage of this model

- Responds to actual needs
- Allows to start small with few services
- Scalable
- Services can be easily transferred into EOSC
- System can be extended to a French Open Science Cloud
- Gives MICADO a central role
- Allows CNRS service providers to be ready for EOSC co-financing model

## Disadvantages

- administrative overhead (who decides eligibility, accounting, ...)
- duplication of EOSC Marketplace
- How are contributions to the EOSC Marketplace rewarded?
- budget (at least a seed budget) needs to be allocated to MICADO
- lots of open questions: who decides, what is included in cost estimate, is this setup flexible enough, ...?

# 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)

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# 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:

- 29.2.2020: fin mission CNRS-EOSC
- 12.3. : discussion avec Alain Schuhl sur extension mission
- [EOSC Executive Board Consultation Day on 18 May 2020](#) in Karlsruhe in collaboration with the **EOSC-hub Week**