



MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR, DE LA RECHERCHE ET DE L'INNOVATION

Liberté

Égalité

Fraternité

Direction générale de la recherche et de l'innovation (DGRI)
Service de la Stratégie de la Recherche et de l'Innovation (SSRI)
Département Services et Infrastructures Numériques (A7)



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SERVICES ET INFRASTRUCTURES: HORIZON-INFRA-2021-EOSC-01-04

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DGRI / SSRI / A7

Horizon Europe Work Program 2021

| Topic HORIZON-INFRA-2021-... | Titre | Type | Budget (M€) | #projets |
|---------------------------------|---|------------|-------------|----------|
| EOSC-01-01 | Supporting an EOSC-ready digitally skilled workforce | CSA | 7 | 1 |
| EOSC-01-02 | Supporting the development and coordination of activities of the EOSC Partnership | CSA | 4 | 1 |
| EOSC-01-03 | Deploying EOSC-Core components for FAIR | RIA | 10 | 1 |
| EOSC-01-04 | Innovative and customizable services for EOSC | RIA | 20 | 4 |
| EOSC-01-05 | Enabling discovery and interoperability of federated research objects across scientific communities | CSA | 10 | 1 |
| EOSC-01-06 | FAIR and open data sharing in support of cancer research | RIA | 8 | 1 |

Ouverture prévue: 22 juin 2021; date limite: 23 septembre 2021

[CSA](#): Coordination and support actions; [RIA](#): Research and innovation action

Horizon Europe Work Program 2021

| Titre | Scope |
|---|--|
| <p>HORIZON-INFRA-2021-EOSC-01-04</p> <p>Innovative and customizable services for EOSC</p> <p>20 M€, 4 projets</p> | <ul style="list-style-type: none">• nouveaux services pour exploiter technologies EOSC sur le cloud / capacités gestion données• une disponibilité accrue de services (pré)opérationnels qui peuvent être personnalisés et intégrés dans les flux de travail existants des chercheurs de différentes disciplines, ce qui facilite la collaboration interdisciplinaire, réduit le délai d'obtention des résultats et augmente la productivité.• Collaboration avec: partenaires privés (industrie / PME) <p>Les propositions doivent couvrir les activités suivantes :</p> <ul style="list-style-type: none">• Développement et amélioration de logiciels préopérationnels existants, d'outils et de services à code source ouvert, visant à être intégrés à l'architecture basée sur les services offerte par l'EOSC ;• Développement itératif et inclusif en étroite coopération/co-conception avec les communautés d'utilisateurs concernées ;• amélioration du TRL* des composants et ajout de nouvelles fonctionnalités sur la base des exigences des communautés de recherche, utilisation de logiciels et d'outils open source pour une large disponibilité et adoption ; <p>L'accent est mis sur les technologies visant à atteindre le TRL7 ou plus à la fin du projet - voir l'annexe générale B.</p> |

Ouverture: 22 juin 2021; date limite: 23 septembre 2021

*TRL : Technical Readiness Level

Le texte complet
 dans le
[programme de
 travail](#) actuel

| Specific conditions | |
|---|--|
| <i>Expected EU contribution per project</i> | The Commission estimates that an EU contribution of between EUR 3.00 and 5.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts. |
| <i>Indicative budget</i> | The total indicative budget for the topic is EUR 20.00 million. |

| | |
|---|---|
| <i>Type of Action</i> | Research and Innovation Actions |
| <i>Technology Readiness Level</i> | The focus is on technologies aiming to reach TRL7 or higher by the end of the project – see General Annex B). |
| <i>Award criteria</i> | <p>The criteria are described in General Annex D. The following exceptions apply:</p> <p>The following application of the general award criteria including any weighting and thresholds applies:</p> <p>Additional sub-criterion for Impact:</p> <ul style="list-style-type: none"> The extent to which the proposed work incorporates the necessary coordination efforts and resources with other relevant projects and the EOSC governance structure in the context of the EOSC Partnership. |
| <i>Legal and financial set-up of the Grant Agreements</i> | <p>The rules are described in General Annex G. The following exceptions apply:</p> <p>Beneficiaries will be subject to the additional access rights: Each beneficiary must grant royalty-free access to its results to the EOSC Association for monitoring and developing policies and strategies for the European Open Science Cloud. Each beneficiary must also provide directly to the EOSC Association the information the beneficiary deems necessary for monitoring and developing policies and strategies for the European Open Science Cloud.</p> |

Expected Outcome: Project results are expected to contribute to all the following expected outcomes:

- increased service offer and capabilities beyond the present landscape in addressing the current and anticipated needs of the research community at large;
- increased availability of (pre)operational services that can be customised and integrated in the existing workflows of researchers across different disciplines, facilitating the cross-disciplinary collaboration, reducing the time to results and increasing productivity.
- Scope: The aim is to provide researchers with a set of highly innovative new services that would exploit, in a structural way, cloud-based EOSC technologies and European compute and data management capacities.

Proposals should cover the following activities:

- Development and improvement of existing pre-operational software, tools and open source services, aiming to be integrated to the service-based architecture offered through the EOSC;
- Iterative and inclusive development in close cooperation/co-design with the relevant user communities;
- Improving the TRL of the components and adding new features based on requirements from research communities, use of open source software and tools for wide availability and uptake;

The application range of these services for data intensive science is wide (e.g. automated extraction of information from scientific literature, experimentation, optimising experimental design, collection and analysis of heterogeneous and/or large-scale data, validation of data quality, repeatability and reproducibility in science, discovery and on-demand provisioning of open science resources and their reuse; storing, sharing and reusing research data, enabling secure data use and transactions, workflow management) making use of various enabling technologies, e.g. artificial intelligence and machine learning, natural language processing, automation, simulation, big data analytics or blockchain.

To be robust, customizable and scalable, all developments should be tested against 2-3 real life **use cases** from a variety of scientific domains. The projects should cooperate with other relevant and related projects and e-Infrastructures and large user communities. Joint use cases and testing across individual project boundaries are encouraged.

The services should be integrated in the EOSC core service platform and proposals should include sufficient provisions to address the integration, including, appropriate IPR and licence agreements. The resources that the services will offer should be clearly identified in the proposals. The sustainability model for the long-term availability of services can rely on EOSC. Participation of industry players, including SMEs, is recommended for both the development and further exploitation of the project results.

In this topic the integration of the gender dimension (sex and gender analysis) in research and innovation content is not a mandatory requirement.

HORIZON-INFRA-2021-EOSC-01-04

- les appels sont ouverts très prochainement
- vacances d'été
- rejoindre / former des consortiums maintenant
- [expression d'intérêt en ligne \(informelle\)](#)
- spécifique à cet appel : participation de partenaire(s) du secteur privé nécessaire



Quel est votre intérêt pour les appels ?

Que pouvez-vous apporter ?

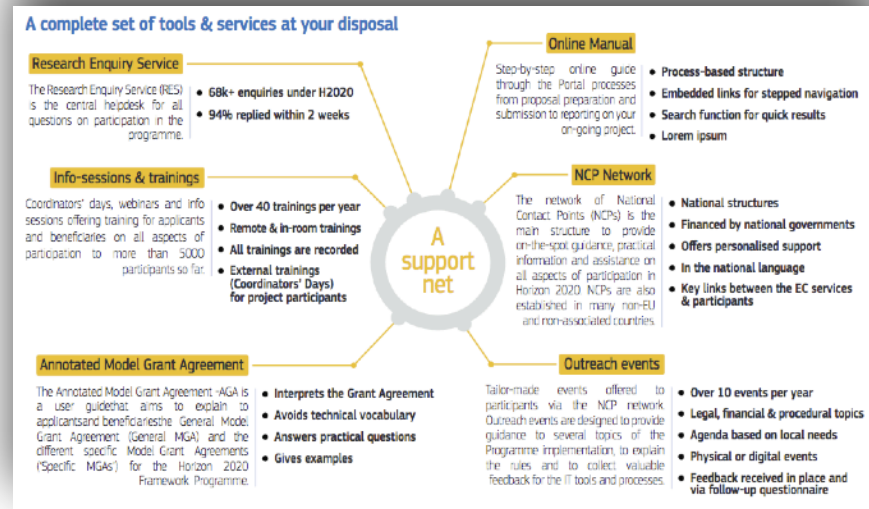
Connaissez-vous déjà un consortium que vous souhaitez rejoindre ?

HE EOSC : prochaines étapes

- [expression d'intérêt en ligne \(informelle\)](#)
- 15 juin : adoption du programme de travail Horizon Europe par le commissaire européen
- 22 juin 2021 : 6 premiers appels d'offre INFRA-2021-EOSC
- Date limite: 23 septembre 2021
- Janvier 2022: 4 appels d'offre INFRA-2022-EOSC
- Date limite: avril 2022

Plus d'informations? Inscrivez-vous sous

https://groupes.renater.fr/sympa/info/eosc_france_info



Annex

EOSC: Liens importants

- [EOSC Portal](#)
- [EOSC Association](#)
- [MESRI Horizon Europe web page](#)
- [European Commission EOSC page](#)
- [EOSC-hub](#)
- [EOSC-Pillar](#)
- [EOSC-Future](#)



Documents clés d'EOSC

- [Qu'est-ce que l'European Open Science Cloud / What is the EOSC](#)
- [EOSC Executive Board final progress report](#)
- [EOSC Strategic Research and Innovation Agenda \(SRIA\)](#)
- [EOSC Partnership Proposal](#)
- [EOSC Association Statues](#)
- [Solutions for a sustainable EOSC - FAIR Lady Report](#)
- [Landscape of EOSC - related infrastructures and initiatives](#)
- [Country Sheets Analysis](#)
- [A Persistent Identifier \(PID\) policy for the EOSC](#)
- [Six Recommendations for implementation of FAIR practice](#)
- [Minimum Viable EOSC \(MVE\)](#)
- [EOSC Rules of Participation](#)
- [PID Architecture for the EOSC](#)
- [EOSC AAI](#)
- [Scholarly Infrastructures for Research Software](#)
- [FAIR metrics for EOSC](#)
- [Horizon Europe Work Program for EOSC \(preliminary version\)](#)



Calendrier EOOSC

| Date | Événement (tous les événements sont en ligne) |
|--------------|--|
| 11.6. | Atelier Horizon Europe EOOSC (14h30 - 17h30) |
| 15.-18.6. | EOOSC-Symposium |
| 23./24.6. | European Research and Innovation Days |
| fin juin | Adoption du Horizon Europe Work Programme |
| fin juin | ouverture 6 appels d'offre Horizon Europe Work Program pour EOOSC (date limite: 23 septembre 2021) |
| 7.7. | date limite propositions MRSEI (deuxième vague) |
| 13.-15.12. | JCAD 2021 |
| janvier 2022 | ouverture 4 appels d'offre Horizon Europe Work Program pour EOOSC (date limite: avril 2022) |