

European Union HORIZON 2020 PROGRAMME

EOSC Portal Collaboration Agreement between

EOSC-hub / OpenAIRE-Advance / eInfraCentral (04-06 2019)

EOSC-hub / OpenAIRE-Advance / EFIS / UoA / JNP/ (07-12 2019)

Version 0.4, 23 May 2019

EOSC-hub, GA 777536

OpenAIRE-Advance, GA 777541

eInfraCentral, GA No 731049

This Collaboration Agreement ('the Agreement') is between the following parties:

- The beneficiaries of the Complementary Grant Agreement N. 777536 (Acronym: EOSC-hub, Full title: Integrating and Managing Services for the European Open Science Cloud) hereinafter the "EOSC-hub", represented by STICHTING EGI (EGI Foundation), established in SCIENCE PARK 140, AMSTERDAM 1098 XG, Netherlands (the EOSC-hub Coordinator), represented for the purposes of signing the Agreement by its Managing Director, Yannick LEGRÉ.
- The beneficiaries of the Complementary Grant Agreement N. 777541 (Acronym: OpenAIRE-Advance, Full title: OpenAIRE Advancing Open Scholarship) hereinafter the "OpenAIRE-Advance", represented by National and Kapodistrian University of Athens (UoA), established in 1837, Greece (the OpenAIRE-Advance Coordinator), represented for the purpose of signing the Agreement by its coordinator Prof. Michael Chatzopoulos.
- The beneficiaries of the Complementary Grant Agreement N. 731049 (Acronym: eInfraCentral, Full title: European E-Infrastructure Services Gateway) hereinafter "eInfraCentral", represented by European Future Innovation System (EFIS) Centre asbl (EFIS Centre), established in Avenue Maurice Maeterlinck, 12, Louvain-la-Neuve, 1348 Belgium (the eInfraCentral Coordinator), represented for the purposes of signing the Agreement for April-December 2019 by its Managing Director, Alasdair Reid.

Hereinafter also referred to as "Parties", have agreed to enter into the Agreement under the terms and conditions below.

By signing the Agreement through their Coordinators, the Parties accept the Agreement and agree to implement it under their own responsibility and in accordance with the Agreement, with all the obligations and conditions it sets out.

The Agreement is composed of:

Terms and Conditions

- Article 1. Definitions
- Article 2. Purpose and Relationship with Consortium Agreement
- Article 3. Management and Collaboration Aspects
- Article 4. Governance
- Article 5. Rights of Access to Complementary Results
- Article 6. Rights of Access to Complementary Background
- Article 7. Confidentiality
- Article 8. Access to Deliverables and Milestones
- Article 9. Dissemination and Publications
- Article 10. Intellectual Property Rights
- Article 11. Liability, Warranties and Penalties
- Article 12. Amendments
- Article 13. Applicable Law and Settlement of Disputes
- Article 14. Entry into Force, Term, Termination

Annex 1. Joint Activity Plan

Joint Activity 1: Operations

Task Duration: from April to December 2019

Purpose of this task is to ensure the daily running of the EOSC Portal technical platforms.

Parties will be responsible for operating the technical components of the EOSC Portal, contributing to the EOSC Portal releases, producing the related documentation, and validating EOSC Portal software release candidates with users and providers.

The EOSC Portal will be operated following the procedures and policies of the EOSC Service Management System (SMS) being developed by EOSC-hub, and, whenever relevant, follow other service integration and management policies and procedures applicable to access enabling services, such as service level management, reporting and policies activities.

The relationship between EOSC Portal operations and the EOSC SMS processes is represented in Figure 1 below.

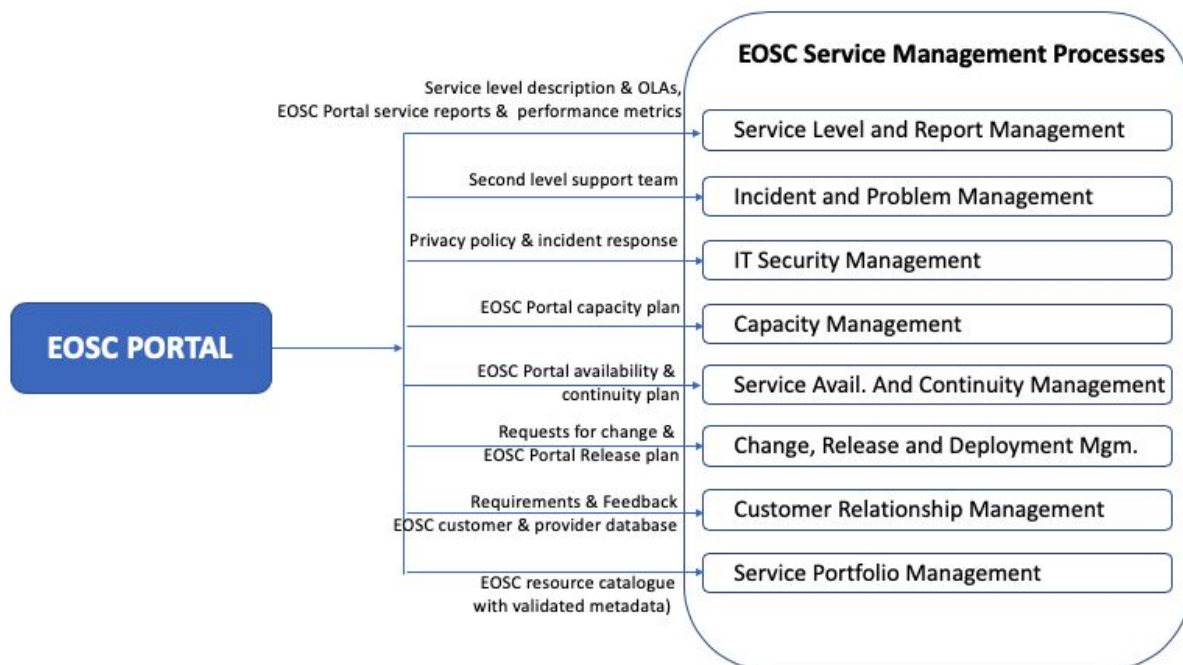


Figure 1. The EOSC SMS will provide a framework of processes, procedures, policies and tools for the provisioning of the Portal to EOSC. The diagram shows the activities involved in its responsibilities. The table below details the activities, the participating organisations and the committed effort for each activity.

JA1 Tasks and Responsibilities

Tasks	Committed PMs Apr-Dec 2019		
	EOSC-hub	OpenAIRE-Advance	eInfraCentral ¹
> Running of the EOSC Portal technical platform and Users support <u>Lead:</u> CYFRONET	4 PM CYFRONET (WP13)	1PM (ARC, CNR)	2 PM UOA (WP4)
> Software maintenance, integration and testing > Expert support to Users and Providers for what concerns the technical aspects involved in the day-by-day use of the EOSC Portal <u>Lead:</u> CYFRONET	4 PM CYFRONET (WP5 & WP13)	-	2 PM UOA (WP4)
> Definition and maintenance of SLA and OLAs, performance reports, data privacy policy, monitoring of Portal components > Definition service availability and continuity plans, impact of identified availability and continuity risks, and by monitoring the EOSC Portal service components. > Gathering of usage metrics and reporting <u>Lead:</u> EGI.eu (EOSC-hub WP04)	0.5 PM EGI.eu (WP4)	0.5 PM (ARC - data privacy)	0.5 PM UOA (WP4)
> Order management and customer relationship management <u>Lead:</u> CINECA	6 PM EGI.eu, CINECA, MPG, VUB (WP4)	-	-
> Provider onboarding: review of high-level information and support; validation of compliance to rules of participation and partnership level requirements	3 PM EGI.eu, INFN, CINES, EPCC, SURFsara (WP2 & WP4)	0.5 PM (Compliance to ROP ARC, UGOE)	1.5 PM JNP, UOA (WP3 & WP4)

¹ Contacts: dev-support@einfracentral.eu and eic@jnp.gr

> Resource registration: review and assess the resource metadata and resource description > Assessment of availability of the Resource; regular review and update of the validation procedure > APIs for automatic registration\update of resources <u>Lead</u> : EGI Foundation			
> Development/Maintenance of Service Provider documentation describing the EOSC Portal Service Catalogue, the onboarding process, requirements, responsibilities and validation criteria. <u>Lead</u> : EGI Foundation	1	0.5 PM ARC, UGOE (Communication)	0.5 PM JNP, EFIS (WP3)
TOTAL	18.5 PM	2.5 PM	6.5 PM

Joint Activity 2: Interoperability Framework

Purpose of this task is to offer two updates of the EOSC Interoperability Framework that includes the EOSC Catalogue Framework (ECF), the Open Application Programming Interfaces (APIs) and related Quality Assurance measures.

Interoperability Framework	Committed PMs April-December 2019		
	EOSC-hub	OpenAIRE-Advance	eInfraCentral
EOSC Catalogue Framework Update to SDT v2.0 <u>Lead</u> : JNP	1 PM EGI.eu, SURFSara (WP2)	1 PM CNR, ARC (TBD)	2 PM JNP (WP3)
EOSC Application Programming Interfaces Update to APIs v2.0 <u>Lead</u> : UOA	2 PM GRNET, CYFRONET (WP5)	-	2 PM UOA (WP4)
EOSC Service Description	0.5 EGI	-	1 PM

Excellence Assessment Framework Update to SDEAF v2.0 <u>Lead</u> : JNP	Foundation (WP2)		JNP (WP3)
Accounting, Monitoring, Support and Order Mgm interoperability guidelines	2 PM EGI.eu, KIT (?)	-	-
EOSC scientific product catalogue framework - Data source metadata exports: OpenAIRE Guidelines - Registration and access to different catalogues Lead: OpenAIRE	TBD	5 PM CNR, ARC	?
TOTAL: 10.5 PM	5.5 .. PM	6.0 PM	5.0 PM

Joint Activity 3: Technical Integration

Duration: from April to December 2019

The objectives of this activity are to:

- Define and develop a single portal (WUI) and entry point (API interface) for Service Providers to register and maintain service descriptions.
- Define and develop a single portal and entry point for the discovery of scientific products across different disciplines and research infrastructures (EOSC scientific product catalogues framework)
- Optimise the integration of the current EOSC Portal, Service Catalogue and Marketplace to improve the user experience from a user point of view.

JA3 Tasks and Responsibilities

Tasks	Committed PMs Apr-Dec 2019		
	EOSC-hub	OpenAIRE-Advance	eInfraCentral
Define and further develop a single portal (WUI) and	3 PM Cyfronet, GRNET,	0.5 PM ARC, CNR	2 PM UOA

entry point (API interface) for Service Providers to register and maintain service descriptions.	Trust-IT (WP3, WP5)	(requirements and assessment)	(WP4)
Define and/or further develop a single database and the appropriate data APIs in which the service descriptions are maintained	2 PM Cyfronet, GRNET (WP5)	---	2 PM UOA (WP4)
Optimise the integration of the current EOSC Portal, Service Catalogue and Marketplace and the APIs to improve the user experience from a user point of view.	2 PM Cyfronet, Trust-IT (WP5, WP3)	1PM CNR,UOA (user experience)	1 PM UOA (WP4)
Extensions \ Refinement to the AAI service of the EOSC Portal	1 PM GRNET, Trust-IT (WP5)	---	0.5 PM UOA (WP4)
TOTAL	8PM	1.5PM	5,5PM

Joint Activity 4: Content Provisioning

Duration: from April to December 2019

The objectives of this activity are to:

- Develop and influence an engaged community of stakeholders already active and known as well as far-reaching to those who belong to the long-tail of science and to potential newcomers.
- Contribute and maintain information in the EOSC Portal website throughout with input from all Parties, in line with the requirements of both users and providers.

JA4 Tasks and Responsibilities

Tasks	Committed PMs Apr-Dec 2019		
	EOSC-hub	OpenAIRE-Advance	eInfraCentral
EOSC Portal editorial board participation: EOSC Portal	1 PM TRUST-IT, EGI.eu	TBA	1 PM EFIS

content creation and update, <u>Lead:</u> EGI.eu	(WP3)		(WP5)
Communication campaign to attract new service providers	0.5 PM TRUST-IT, EGI.eu (WP3)	0.5 PM UGOE, ARC	0.5 PM EFIS (WP2)
Communication campaign to promote the different services and resources available on the EOSC Portal	0.5 PM TRUST-IT, EGI.eu (WP3)	0.5 PM UGOE, ARC	---
Creation of use cases on the EOSC Services from the participating projects	0.5 PM TRUST-IT, EGI.eu (WP3)	0.5 PM CNR, UMINHO	---
TOTAL	2.5 PM	1.5 PM (TBD)	1.5 PM