

WP3: Support for EOSC-Nordic service providers

Ilja Livenson, 30.09.2021 ETAIS/UT



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WP3 overview

Tasks	Description	Partners	Duration	PMs
T3.0	Coordination of the work package activities	ETAIS/UT	M1-36	4
T3.1	Integrating service providers & services in EOSC	SIGMA2 , CSC, KTH/SNIC, LU/SNIC, UmU/SNIC, UT/ETAIS, DeiC, UICE, RTU, KBFI/ETAIS, SUNET, VU, SDU	M1-36	60
T3.2	Improving service interoperability across EOSC	UT/ETAIS , CSC, KTH/SNIC, SIGMA2, DeiC, UICE, KBFI/ETAIS, SUNET, SDU	M1-36	40
Total PMs				104

- 5 deliverables submitted and 3 milestones achieved in M1-M24

D3.1 Service compliance checklist and maturity model
 D3.2 First report on mapping of EOSC prospective service providers and candidate services
 D3.3 Service interoperability framework
 D3.4 Programmatic access and resource provisioning of services
 D3.6 Feasibility assessment of the implementation of X-Road for research data

MS3.1 Support group for EOSC service integration has been established
 MS3.2 First services are published in EOSC portal
 MS3.3 Nordic service interoperability framework has been agreed

WP3 main objectives

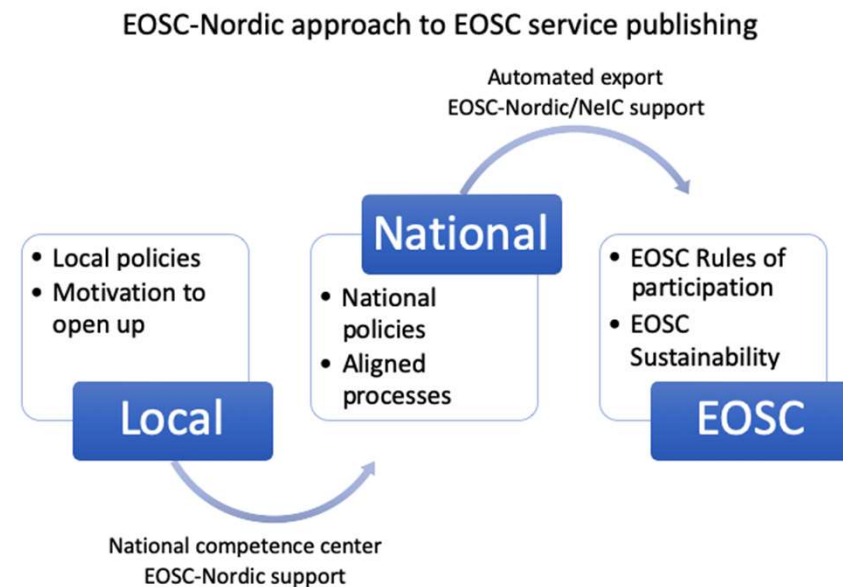
- Hypothesis: EOSC consists of existing local and national services.
- Identify existing Nordic generic and thematic service providers and support their integration and the discovery of their services via the EOSC portal and other relevant catalogues.
- Foster the organizational, semantic and technical interoperability of service providers and propose solutions for improving the interoperability approach within EOSC.

T3.1 Integrating service providers & services in EOSC

Service compliance and maturity model
development for Nordic and Baltic services
aiming to become EOSC services – D3.1

Discovery and mapping of service providers in the region. Analysis from the perspective of service compliance and maturity. D3.2. List was also used by VWP2 for policy analysis.

Establishing an EOSC support network for each EOSC-Nordic country along with support tools. Participation in 5b on-boarding Task Force



D3.1/D3.2

T3.1 Main findings and results

D3.1: A lightweight and reusable model for assessment of service maturity with actionable checklist.

D3.2: Overall all countries have basic infrastructure services available to some degree, however more specific e-services, e.g., in data management domain, are less established. The level of services on the maturity level is on average above average.

While services seem similar in each country, they are often very tuned for national use cases and mostly are not aiming at cross-border service provisioning.

T3.2 Improving service interoperability across EOSC

Analysis of the service interoperability requirements from organisational, semantic and technical viewpoints. Development of common guidelines for service providers (D3.3)

Setup of a regional EOSC service on-boarding and access platform.
Development of supporting tools and processes (D3.4).

- Collaboration with EOSC-hub/EOSC Enhance and EOSC Future on-boarding / technical teams.

Proof of concept of using **national and cross-border data exchange platform X-road** for scientific use cases. **Standard, sustainable** and **legally** supported way for establishing trust among organizations (D3.6)

T3.2 Main findings and results

D3.3: Interoperability guidelines tuned for Nordic and Baltic service providers based on EU and EOSC interoperability guidelines. Proper incentive needs to be in place by policy makers and/or funders to motivate service providers to adopt them.

D3.4 Setup of a platform for regional collaboration and integration with EOSC. Aims at integration with EOSC Core. EOSC Core is vague, which makes integration hard.

Access
gateway to
EOSC
services?



Helpdesk



Maturity model



Monitoring



Catalogue

Next steps

- Second iteration of service provider discovery and mapping (D3.5) (delayed till Nov 2021)
- Finalization of X-road feasibility study (D3.7) (March 2022)
- Programmatic access and resource provisioning of Nordic services via EOSC Marketplace (D3.8) (August 2022)
 - Regional platform integrated with EOSC Core
- Final report on the integration of services into EOSC (D3.9) (August 2022)
 - Integration of services and uptake in EOSC

Lessons Learnt

- Lack of clarity on EOSC-compliance from the Services point of view makes a number of activities inefficient and might block achieving a valuable outcome:
 - Why should service providers care - Sustainability
 - What can get in - Rules of Participation (both from EOSC and national sides)
- Lacking framework for integration of regional catalogues with EOSC Core
 - Working on solving this with other 5b and EOSC Future
 - The role of EOSC Association in such a processes is not fully understood.



EOSC-Nordic WP3

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