Blueprint

for the establishment of the NOSCIs

Indicators & Workflows

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Presentation Workflow

❑ Indicators

❑ Workflows

❑ Conclusion

Indicators

What is the need?

Monitoring the status and the performance of the NOSCIs

Monitor the progress of EOSC within each MS/AC

Identify opportunities and areas of improvement

Starting point for the establishment of the NOSCIs

General remarks

Indicative set of metrics for the assessment of the status and progress of the NOSCI.

In line with the EOSC Readiness Indicators and may be used as a guide to complement the establishment and operation of a NOSCI.

The proposed framework is agile and expandable to successfully address any countries-specific needs.

Indicators

Main Categories

1. Organisation of the NOSCI

- organizational and administrative aspects of the NOSCI

2. Infrastructure & Services

- core infrastructure aspects: the infrastructure itself and its operations

3. Training & Skills

- assess the nature and spread of the training activities

4. Sustainability & international collaboration

- financial issues related to sustainability & relationship with international organizations

Indicators

1. Organisation of the NOSCI	1.a. Set-up metrics	NOSCI established / Initiating body / Set-up document
	1.b. Organizational metrics	Form of organization / Establishment Coordination body / Endorsement national level
	1.c. Membership	Number of organizations / type of organizations
	1.d. NOSCI Documents	National OSC Strategy document / Strategic roadmap / National OS policies existence

Indicators

2. Infrastructure & Services	2.a. Infrastructure metrics	Number and Type of infrastructures / Access policies in place
	2.b. Services metrics	Number of services offered / onboarded/ R&E AAI federation/ FAIR services /FITSM or equivalent
	2.c. Operational metrics	National or other federation mechanisms for data in place/ SLA monitoring / Open Science portal / helpdesk / monitoring / AAI federation availability / Security and privacy policies / Preservation and retention policies in place

3. Training & Skills	3.a. Community Metrics	National curricula in place-planned / Basic training available for researchers / Number of trained people per year/ Training material
4. Sustainability & international collaboration	4.a. Funding Metrics	National Fund for OS/OSC in place/ Funding national OSC project/ International and European OSC Projects / Sustainability plan in place
	4.b. Metrics concerning membership in international bodies	EOSC Association participation / EOSC pillars participation / Other

Options for setting-up a NOSCI

1. Top down

- Initiated by higher authority stakeholders

2. Bottom up

- Initiative by OSC stakeholders and relevant actors in the country

3. Hybrid

- Combination of previous two, independently of who initiated it

Workflows

Steps for setting up a NOSCI

A. Stakeholders identification and engagement

B. Designing of workflows and communication between stakeholders

C. Communication to wider public

D. Drafting of National Roadmap

E. Establishment and Sustainability

F. EOSC liaison and communication

Workflows

A. Stakeholders identification & engagement

Identify national organisations that have a prominent role in EOSC.

Make contact with diverse national research scientific communities interested and active in EOSC.

Manage to get consensus towards a common strategy for OSC in the country.

Collaborate with Pan-European initiatives that could provide links with other research and e-infrastructures nationally.

Approach relevant Ministries with the proposed NOSCI MoU agreement, and try to get their support.

Workflows

B. Designing of workflows and communication between stakeholders	Hold an inaugural meeting of the consortium.
	Hold working meetings and divide work in Task Forces / Working Groups.
	Involve from the beginning the Ministries, as they might have already established Working Groups or Task Forces for Open Science. Check whether merging of efforts is feasible.

Workflows

C. Communication to wider public	Communicate current Open Science Cloud status in the country and inform about the EOSC and its advancements.
	Hold an official inauguration event of the NOSCI targeted at wider public, with the support from the Ministries.
D. Drafting of National Roadmap	Agree on a common roadmap for a national strategy for OSC and implementation actions.
	Define and adopt in the Strategy any national and institutional level policies.
	Reflect in the strategy the value of the EOSC
	Use this document to define the structure of the initiative, its decision mechanisms and internal organisation.

Workflows

E. Establishment & Sustainability	Consider and define the form that NOSCI can have.
	Perform a cost-benefit analysis, complementary to the strategy.
	Seek national funding programme by proposing a national-level project.

Possible formats of the NOSCI	Legal entity
	Public private partnership - cooperation
	Appointed by the government / ministry – experts
	Collaboration through an MoU

Workflows

NOSCI MoU

The description of appropriate tools and methods to establish the NOSC initiative.

The collaboration with the relevant European and international initiatives: EOSC Association, EuroHPC, OpenAIRE, PRACE, RDA, EUDAT and EGI.

The decision mechanisms and internal organization.

The initial activities and guiding actions of the agreement.

The development and implementation of the National Open Science Strategy, with reference to the national roadmap.

Workflows

Draft Articles MoU

1. Purpose of the Agreement and Objectives

2. Activities and guiding actions

3. Decision mechanisms and internal organization aspects

4. Entry into force, duration, changes and withdrawal

5. Public information and public relations

Workflows

F. EOSC liaison & communication

Communicate progress to Ministries and EOSC representatives.

Define national representation and liaison with the EOSC Association.

Link to national monitoring mechanisms / bodies.

Conlcusion

The proposed steps are considered as important elements that can **be combined, adapted and adjusted.**

Monitoring indicators at early stages will help the assessment of the establishment status of the NOSCI

An **efficient way of starting the establishment of a NOSCI** is through an **MoU**.

A **Checklist for the Workflows** has been prepared and a **Checklist for the Indicators** is under preparation.

Thank you

❑ Any Questions?

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