

EOSC-Pillar

Coordination and Harmonisation of National & Thematic Initiatives to support EOSC

EOSC Landscape Moving from Static Picture to Living

The work by INFRAEOSC5 projects



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Coordination and Harmonisation of National and Thematic Initiatives to Support the EOSC

Introductions first



GARR – The Italian R&E Network
Comms& International Relations

EOSC-Pillar project

Deputy coordinator /

WP4 (from national initiatives to trans-national services) lead

ICDI - Italian Computing&Data Infrastructure

Executive Board member

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Today I am here with the hat of the INFRAEOSC5 Landscape TF chair, and I am going to present what we have been doing re. Indicators.

The
INFRAEOSC5
projects

EOSC

 NORDIC

EOSC-
Nordic



EOSC-
Synergy

NI4OS
Europe



secretariat eu

Setup and management of the EOSC Secretariat
supporting the EOSC Governance


EOSC-Pillar

EOSC-
Pillar

NI4OS



Where we started

**Training
& skills**

**NATIONAL
POLICIES**

ACTORS

**Business
models**

**NOSCI
status**

SERVICES

**DATA
& DM**

**STANDARDS
&
CERTIFICATION**



SERVICES

BUSINESS
MODELS

SLA

DATA
DEFINITIONS

TRL?

CONTENTS

METADATA

DM
APPLICATIONS

MANAGERS

ACCESS
POLICIES

TERMS
OF
USE

USER
SUPPORT

implemented
Tools?

PE SERVICE
IDE CERTIFICATION
where are they?

ARCHI-
TECTURES

DATA
CULTURE
(FAIR etc)

Who promotes
research?

ARCHITECT

HOW?

SERVICE
DEFINITIONS

LICENSING

LYFECYCLES

LEGAL
SERVICES/
ADVICE
OFFERING?

INTERNAL vs
OUTSOURCING

DATA

&
DM

PROVENANCE
(metadata
again!)

LONG-TERM
PRESERVATION
PROCESS

FUNDING
models

Which
licenses?

licenses?

who has
System-related
DM policies?

TRAINING

WORKFLOWS

FAIR/OS
POLICIES

Role of the
communities

SHARED
POLICIES/
CONVENTIO
NS

STANDARDS

&
CERTIFICATION

Who certifies

INTEROPERA
BILITY

FUNDING

EVALUATION
POLICIES

PROMOTION
OF
RESEARCH

NATIONAL
POLICIES

- Projects
- Careers
- Research funds

Cascade/
Downstream
policies

LEGAL
FORM

NOSCI

ROLES &
RESPONSIBILITIES

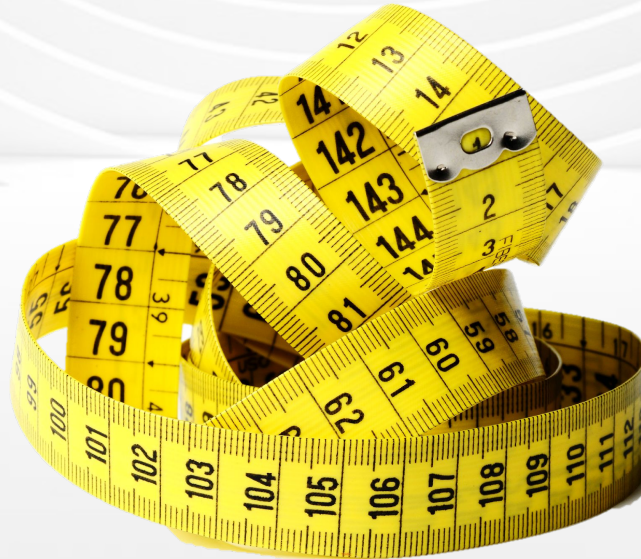
SUSTAINABILITY

SOFT
vs HARD

From static landscape to living indicators

- lots of work
- Numbers are not enough
- It grows old in no time

NUMBERS W/O
CONTEXT ARE
USELESS



MEASURE, OR
IT DOESN'T
EXIST

The proposal

- defined a working proposal with **a set of indicators in key 5 macro-areas:**
 - Architecture
 - Organisation & Governance
 - Policies
 - Infrastructure
 - Training

A cooperative approach

- **consultation process and validation workshops** to refine the indicators
 - EOSC-Hub week 2020; GB, WG delegates & opinion leaders in Ris
 - Online consultation
- ~200 people included in the two rounds
- ~ 1/3 of the GB delegates provided feedback
- analysis published on Zenodo
- A **PoC** now running

The Indicators PoC

- **Objective:** To monitor live indicators to measure EOSC readiness of MS, gathering automatic and non-automatic data collection at country level.



ANALYZE THE INDICATORS
DEVELOPED BY EOSC
LANDSCAPING



CONSIDER THE WORK DONE BY
OTHER GROUPS WITHIN THE
EOSC ECOSYSTEMS

SELECT APPROPRIATE OS
TOOLS AND 4 CASE
STUDIES



DEVELOP A PoC WITH CLEAR
IDENTIFICATION OF DATA
SOURCE AND WORKFLOW



What do we want to get from this

- What
- Access information
 - have an up-to-date mapping of the situation at country level
 - map the progresses over time
- Learn
 - Support reciprocal learning among countries thanks to data but also with success stories and recommendations based on the data
- Take action
 - have data that support “lobbying” for investment and support policy making

Want to learn more?

- Further readings
 - 2nd Working Proposal for Living Indicators to Monitor MS Progresses towards EOSC Readiness: <https://zenodo.org/record/4452799> (includes 1st and 2nd consultation + analysis)
- Get in touch
 - For specific questions
 - To take part in the validation of the PoC

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Thank you!

Get in touch with us!



www.eosc-pillar.eu



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Credits:

Photos by Leah Kelley and Marta Longas from Pexels

PoC scheme by Antonella Passani (T6), 1° PoC co-creation ws



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