



FAIR-IMPACT
Expanding FAIR solutions across EOSC

Synchronisation Workshop 2023

Session 4 - Trustworthy and
FAIR-enabling repositories

Tuesday 5th December, 14.00-15.30 CET

Session 4 - Trustworthy and FAIR-enabling repositories

Joy Davidson and Laurence Horton (DCC) - chairs
Maaïke Verburg (DANS) - rapporteur

Aims:

- Share updates on efforts to improve the definition, availability and visibility of trustworthy and FAIR-enabling repositories
- Group discussion on current activities, challenges and/or opportunities
- Identify areas where collaboration would be useful

Housekeeping

- The session will be recorded but only for internal use.
- Collaborative [spreadsheet](#) and shared [note taking document](#)
 - In the spreadsheet please keep information factual, short and include links wherever possible.
 - Please be careful when editing spreadsheet cells!
 - In the note taking document you may add more detail and narrative.
 - Please put your name/initials with your expressed views in the doc

Recap of 2022 session on Trustworthy and FAIR-enabling repositories

Recommendations:

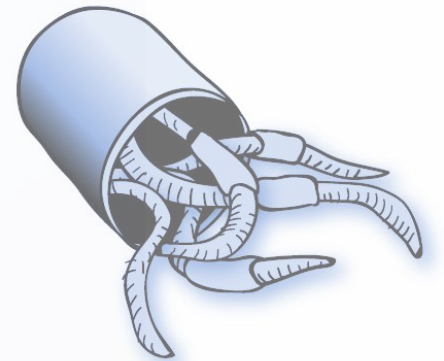
- Measure the percentage of repositories in EOSC that will have a certification such as CoreTrustSeal or expose trustworthiness using other mechanisms
- Provide incremental, continuous and sustainable guidance and assistance to repositories, and certification processes
- Contribute to cooperation across the current initiatives to build and sustain a network of trustworthy digital repositories.

To get us started...

What makes a repository trustworthy?

Please go to [menti.com](https://www.menti.com) and enter code **74 97 85 8**

or use this link <https://www.menti.com/al23azo6ocde>



Menti poll results (1 of 4)

Mentimeter

What makes a repository trustworthy?

explicit documentation of
their processes

transparency

clear documentation

Availability

certification

Repeatable processes

Data expertise and skills

Provenance of the
organisation hosting the
repository

Mento poll results (2 of 4)



What makes a repository trustworthy?

Sustainability	Business plan and sustainability	Accepted by community	transparency
Explicit documentation of how, why, where, and when data is produced	standardized data curation	Transparency on procedures used to process and expose data	known within a domain

Menti poll results (3 of 4)



What makes a repository trustworthy?

documentation and proof

Good processes and knowldegge of the community and its needs

implementation of processes for supporting FAIR digital objects

clarity of what service is provided and for how long

organisational aspects like sustainability, long-term perspective

Use of community-accepted standards

Quality

Rights management

Menti poll results (4 of 4)



What makes a repository trustworthy?

sustainability

Clear policies on metadata requirements (standards), sustainability, cost models. Available staff that help with curation, providing stewardship. Commitment to FAIR, Open, CARE and similar principles

Governance and policies

: Robust security measures to protect against data loss, corruption, and unauthorized access are crucial. This includes regular backups, encryption, and secure data transfer protocols.

Time (being available as service for the community)

Recommendation from SF 2022

Measure the percentage of repositories in EOSC that will have a certification such as CoreTrustSeal or expose trustworthiness using other mechanisms

Conversation Starter:

Nina Weisweiler, HMC Office (Helmholtz Metadata Collaboration) on the COREF update of the re3data metadata schema

Questions:

- What is your project or initiative doing to help define trustworthiness?
- What is your project or initiative doing to increase the number and visibility of trustworthy, FAIR-enabling and/or certified repositories?

Recommendation from SF 2022

Provide incremental, continuous and sustainable guidance and assistance to repositories, and certification processes.

Conversation Starter:

Francoise Genova, Strasbourg Astronomical Observatory and Gilles Ohanessian, CNRS on RDA France's support for CoreTrustSeal certification of data repositories

Questions:

- In your project, initiative, or community, do you work with repositories that consider themselves to be trustworthy?
- For those repositories that are not certified, is any support or guidance provided to help them to expose their trustworthiness using other mechanisms?

Recommendation from SF 2022

Contribute to cooperation across the current initiatives to build and sustain a network of trustworthy digital repositories.

Conversation Starter:

Ilaria Nardello, EOSC Partnership Monitoring related to certified repositories

Questions:

- How can we best work together to progress a network of trustworthy digital repositories?
- Are you planning to sustain your activities and/or efforts? If so, how?



FAIR-IMPACT

Expanding FAIR solutions across EOSC

EOSC-Partnership Monitoring, Illaria Nardello

FAIR IMPACT Synchronisation Force
session on Trustworthy and
FAIR-enabling Repositories

05 | 12 | 2023 by I. Nardello (EOSC-A)



eosc EOSC Partnership Monitoring Framework

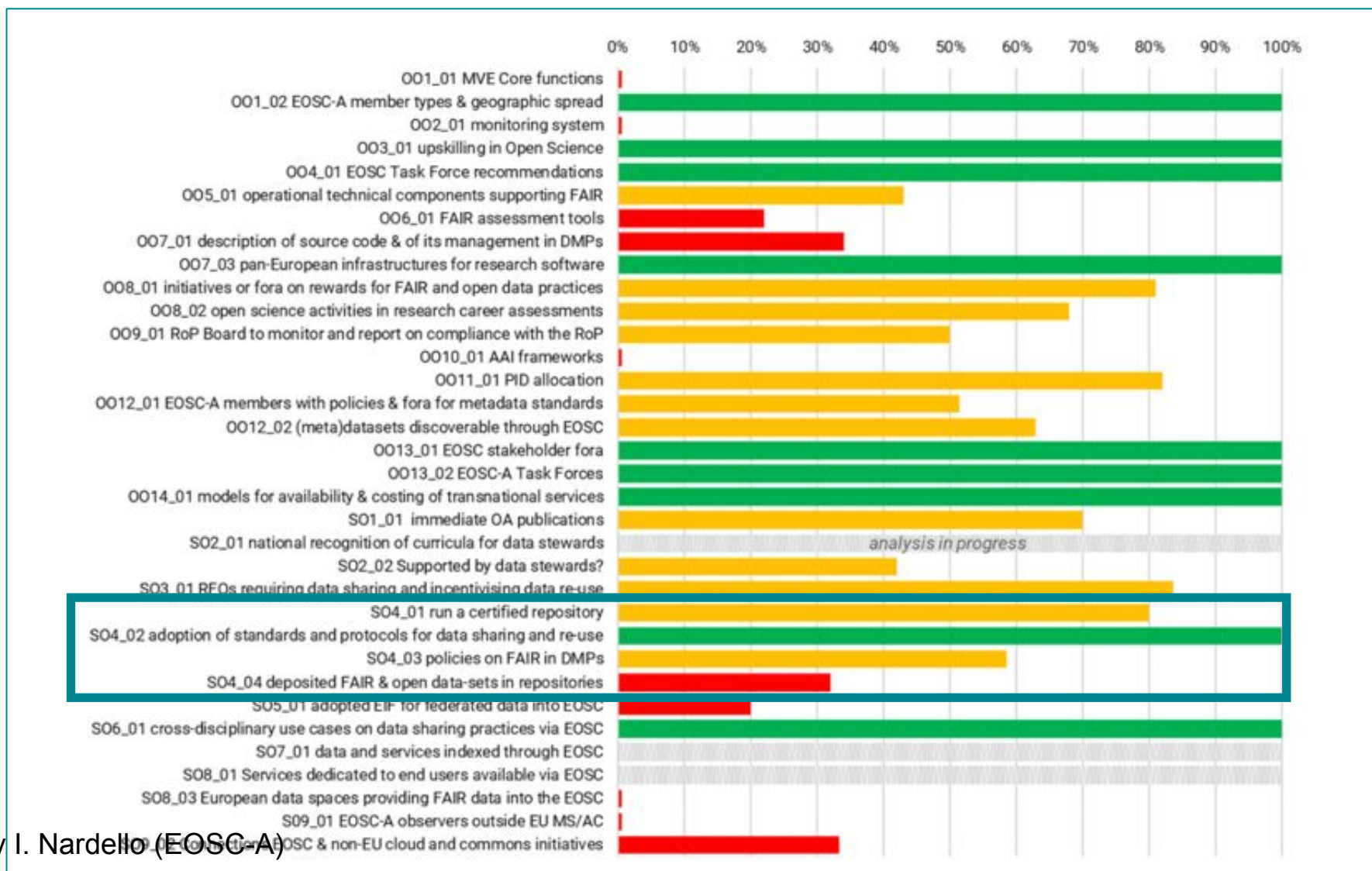
KPI baseline monitoring survey

- The EOSC Partnership Monitoring Framework (MF) was adopted in April 2022 (PB meeting #3).
 - 34 KPIs - to monitor and evaluate the progress against the EOSC SRIA's 14 operational and 9 specific objectives.
- KPI-monitoring survey run in Q4 2022, with the support of EOSC Focus;
- Survey targets: RPOs, RFOs, SPs, Horizon Projects, RIs, EOSC-A, EOSC-SB_A

SRIA Objective	KPI code	Target group							
		RPOs	RFOs	SPs	All Members	EOSC-A	Horizon Projects	RIs	SB-A
SO4 Increasing amounts of research data produced by publicly funded research in Europe are FAIR by design	SO4_01	X		X					
	SO4_02							X	
	SO4_03				X				
	SO4_04				X				

eosc KPI Baseline (2021)

EOSC-A-member KPI-monitoring survey results



achieved KPIs: 9

on track KPIs: 12
(40-99% of target value)

Under-achieving: 10
(<40% of the target value)

<p>Achieved KPIs</p>	<ul style="list-style-type: none"> KPI SO4_02 requires 60% of research disciplines to have documented standards and protocols for data sharing and re-use, by 2023. <p>This point was affirmed by every respondent belonging to all one major disciplines but one, lacking only agricultural sciences so far.</p>	<p>EOSC-SB Category: data practices</p>
<p>On track KPIs</p>	<ul style="list-style-type: none"> KPI SO4_01 defines 30% of repositories in EOSC to be certified in 2025. <p>About 25% of respondents indicate to be running a certified repository in 2021</p>	<p>EOSC-SB Category: infrastructure</p>
	<ul style="list-style-type: none"> KPI SO4_03 describes the percentage of EOSC-A Members that have policies which request FAIR to be implemented in project design via data management plans in 2023, aiming to reach 70%. <p>In 2021 this was true for over 40% of the target respondent group</p>	<p>EOSC-SB Category: data policies</p>
<p>Well-below-the-target KPIs</p>	<ul style="list-style-type: none"> KPI SO4_04 measures the number and percentage of research datasets from EOSC-A Members deposited in repositories and made open and FAIR, with 50% as target for 2025. <p>About 16% of respondents affirmed to have deposited data in repositories and made FAIR and as open as possible in 2021, mostly without further indication of the individual ratio of such datasets in relation to non-published data, or to data that do not comply with this description</p>	<p>EOSC-SB Category: data practices</p>

Results of EOSC SB Survey - II (2022)

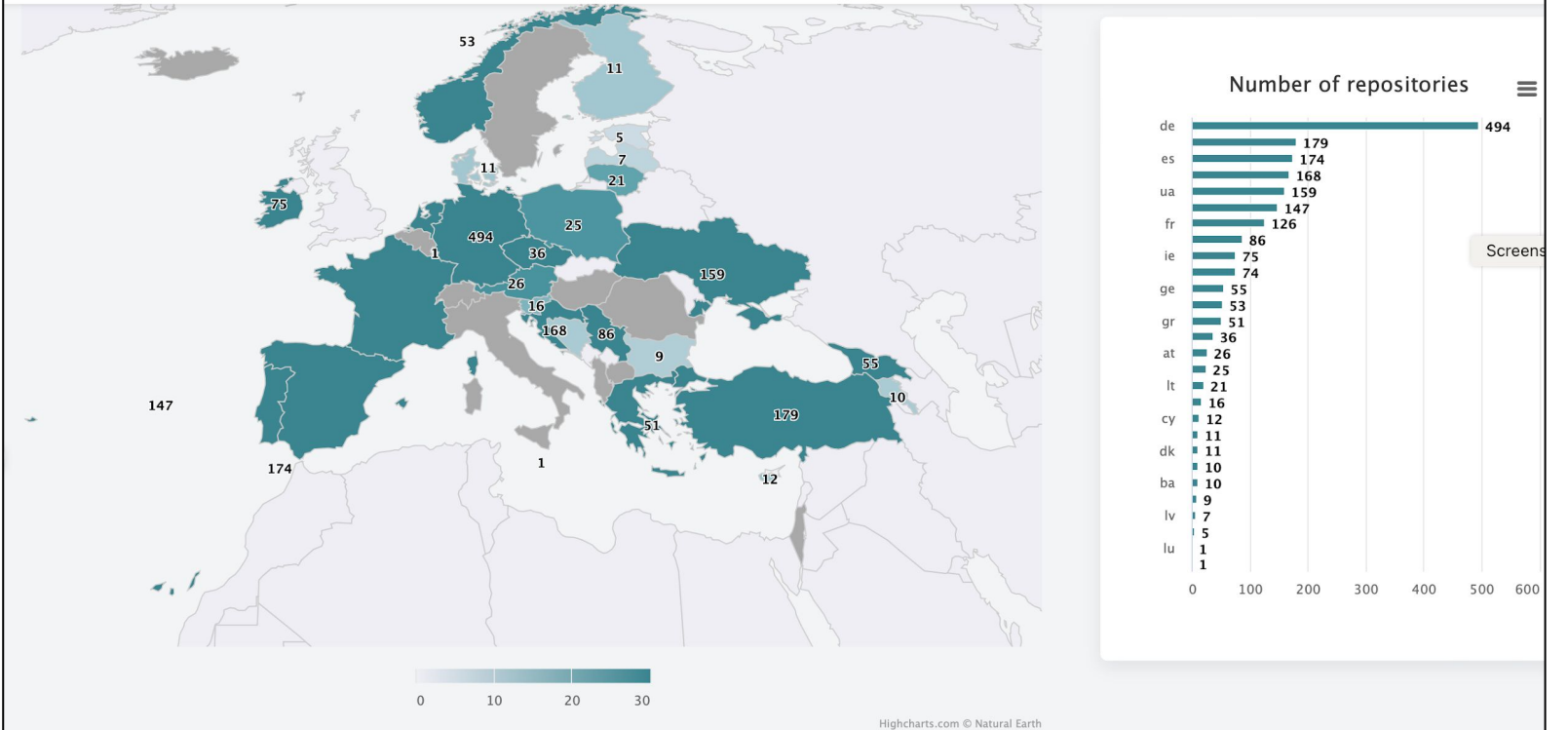
EOSC SB NMF -

Indicators on Repositories

- Share of Countries with National Monitoring on Connecting Repositories to EOSC
- Share of Countries with Use Cases on Connecting Repositories to EOSC
- Share of Country Investments in Connecting Repositories to EOSC
- Share of Country Repositories Connected to EOSC

EOSC OBSERVATORY

EOSC Readiness Contact



*Thank you for contributing to the EOSC
Partnership Monitoring!*



Next steps

Please feel free to continue adding to the shared spreadsheet until **December 10th**

Upcoming Synchronisation Force sessions:

- Legal & organisational interoperability session, December 7th from 15:00-16:30 CET
- Final plenary discussion session, February 8, 10.30-12.00 CET to present the draft findings and conclusions from the topical sessions

Thank you very much for participating
in the discussions today!



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