EOSC Steering Board

Monitoring EOSC Readiness at National Level

#EOSC #EOSCTripartite
#OpenScience #EUResearchArea

European Commission

Research and Innovation

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EOSC Steering Board Survey: Motivation and Context

- Transitions, e.g. making Open Science the new normal, need investment
- Participation by a large number of stakeholders: colleagues in labs / universities, research organisations, managements and infrastructures, governments, European commission
- Coordination needed
- National policies provide a frame and orientation for RPOs and RFOs
- National policies should influence investment decisions at national and regional level
- EOSC Steering Board: delegates of Horizon Europe 27 member states and 16 associated countries

RPO: Research Performing Organisation; RFO: Research Financing Organisation

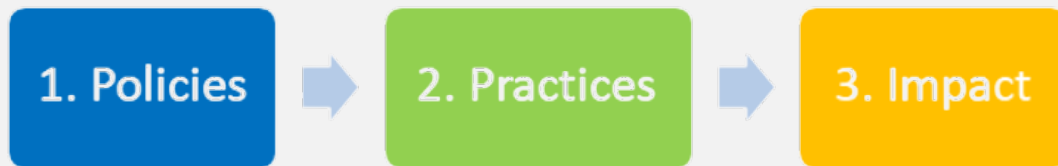# EOSC Steering Board Survey: Motivation and Context

- Member states / associated countries (MS/AC) : support the EOSC through policy development, financing of EOSC-relevant infrastructures and organisations, help with the coordination of activities at European level
- in short: policies & financing

Motivation for monitoring :

- sharing of best practices : what works ? Can it be applied in other countries ?
- overview of actual investment
- demonstrate the commitment of MS/AC to EOSC providers
- monitor evolution
- motivate MS/AC to do better & more for the EOSC

The Open Science Monitoring Framework

- **Aim:** monitoring progress towards **open science becoming the new normal by 2030**.

- What to monitor?

- Open Access to publications
- RDM, infrastructures and EOSC
- Collaboration with citizens, civil society and end-users
- Incentives, rewards and skills

Monitoring Aspects

1. Policies	**2. Practices**	**3. Impact**
N. of countries/regions, RFOs and RPOs where **policies are under discussion/adopted/implemented** and contain specific provisions per policy area	Capture **progress in open science practices** (e.g. for OA: share of OA publications, use of open licenses, etc.)	**Potential impact** produced by the policies and practices: 1. Increased reproducibility 2. Increased trust in science 3. Increased research efficiency 4. Increased effectiveness 5. Results taken up by the society

Target

Short term (2022-2024)	Medium term (2025-2027)	Long term (2028-2030)

✓ EOSC-SB Members and Observers key for national coordination
✓ Avoid duplication, ease burden for contributors.
✓ Measure progress and analyse gaps to facilitate mutual learning.

EOSC Steering Board Monitoring Development

Policy area	1. Policies			2. Practices			3. Impact
	Short term (2022-2024)	Medium term (2025-2027)	Long term (2028-2030)	Short term (2022-2024)	Medium term (2025-2027)	Long term (2028-2030)	
Open Access to publications	*2022/2023*			*2022/2023*			
RDM, infra & EOSC	*2021/2022*			*2021/2022*			
Citizens, civil society & end users	*2022/2023*			*2022/2023*			
Incentives, rewards & skills	*2022/2023*			*2022/2023*			

European Commission

Coordination of open science monitoring initiatives: example of measuring institutional practice

Indicators	EOSC Observatory
ERA monitoring mechanism (EMM) — Number of RPOs that integrate open science practices in researcher recruitment and career progression	Number of RPOs (Research Performing Organisations) having a policy in place which includes one or more open science elements:
EOSC Steering Board — Number of RPOs having a policy on Incentives and rewards.	❑ EOSC ❑ Open Access to publications ❑ Research data management, and/or FAIR ❑ Open Access to data ❑ Making data or other research digital objects FAIR; ❑ Open Access to software; ❑ Preservation of scientific information; ❑ Re-use of scientific information; ❑ Research Infrastructures that include aspects of open science;
EOSC Association — Open science skills are included in job descriptions for researcher profiles.	❑ Skills and competencies in Open Science practices; ❑ Incentives and rewards of the uptake of Open Science practices; ❑ Citizen science; ❑ Other [Text field]
2018 Recommendation (NPR) — Share of RPOs have a policy or strategy that includes open access in the recruitment and career evaluation system for researchers	

Monitoring EOSC Readiness at National Level

- EOSC needs the strong commitment at national level
- Monitoring framework provides opportunities to share best practices, to motivate, to align, to move forward
- Necessary to harmonise between monitoring approaches: pull rather then ask, never ask twice
- Open Science also needs an open monitoring framework

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Thank you!