

Promoting Open Science from an institutional and inter-governmental perspective

EOSC TF Upskilling Countries
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OPEN SCIENCE

An approach to the scientific process that focuses on spreading knowledge as soon as it is available using digital and collaborative technology.

Open Science is a **policy priority for the European Commission** and the standard method of working under its research and innovation funding programmes as it improves the **quality, efficiency and responsiveness of research**.

Why?

When researchers share knowledge and data as early as possible in the research process with the relevant actors it helps diffuse the latest knowledge.

- Open Science increases the effectiveness of **collaborative work**, open and timely **sharing of results**, new ways of disseminating knowledge with digital technology and transparent methods of validation and evaluation of research results promoting the reproducibility of research results.
- Open Science increases the **potential for collaboration** with the possibility to access research data and re-use them:
 - For new analyses
 - For interdisciplinary projects
 - As well as the usability of scientific knowledge in a transparent way for the benefit of society
 - For opportunities for citizen scientists

Aims:

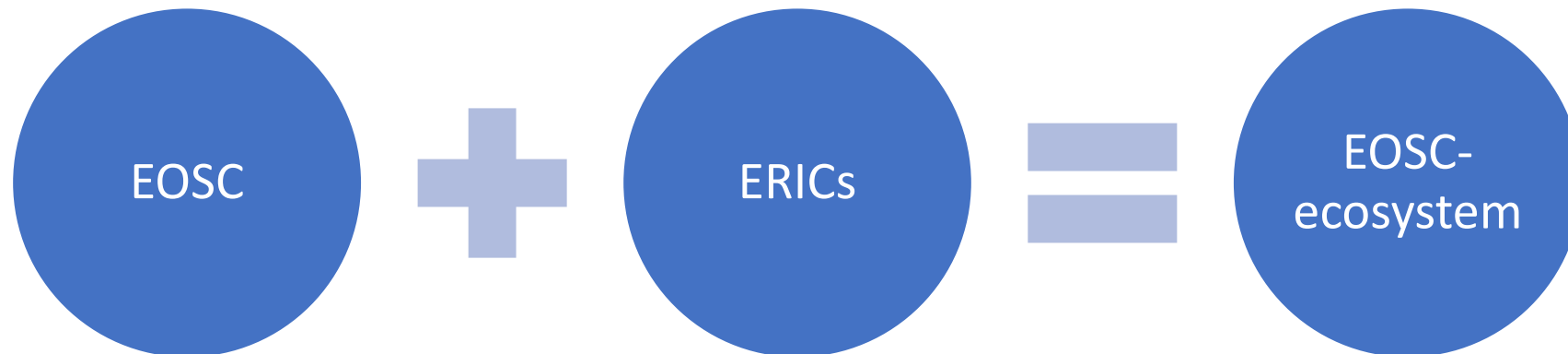
- Ensure that beneficiaries retain the intellectual property rights they need to comply with their open access obligations.
- Require research data to be FAIR and open by default (with exceptions for commercial purposes).
- Promote the adoption of open science practices from sharing research outputs as early as widely as possible, to citizen science, and developing new indicators for evaluation of research and rewarding researchers.
- Engage and involve citizens, civil society organisations and end-users in co-design and co-creation processes and promote responsible research and innovation.
- Fund the creation of open science platforms (EOSC, Open access publications, etc.).

Twining the data to the e-infrastructures

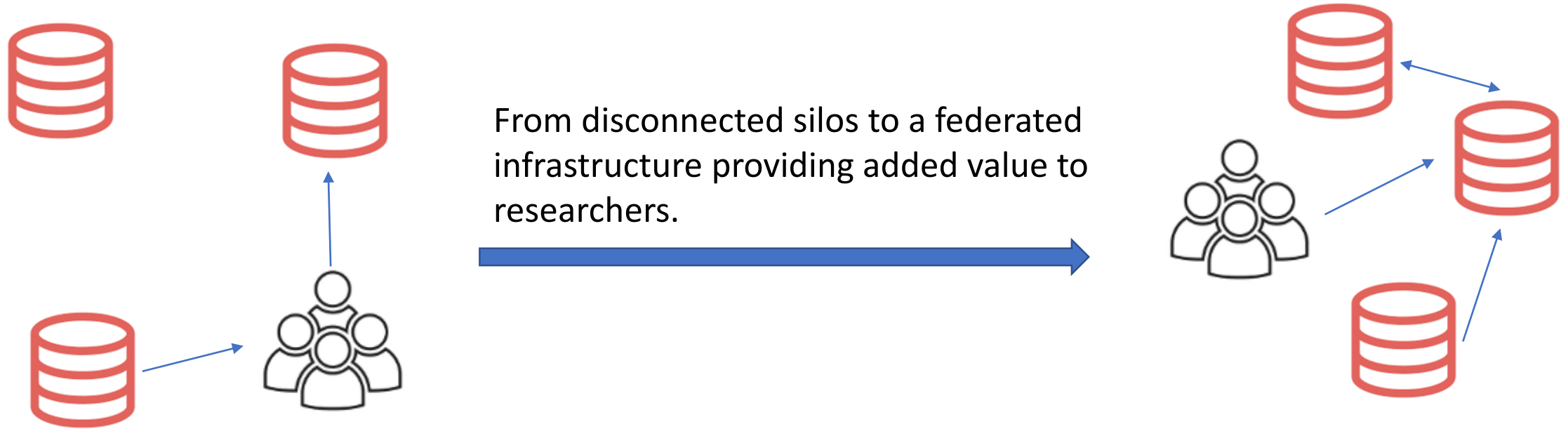
EOSC is a data infrastructure and could be seen as a twin approach to the pan-EU infrastructure organizations.

The latter offer the store, compute and connect services used by EOSC to offer the servicing of data and creating interoperability.

The combination forms the EOSC-ecosystem.



Aims to enable multidisciplinary discovery and use



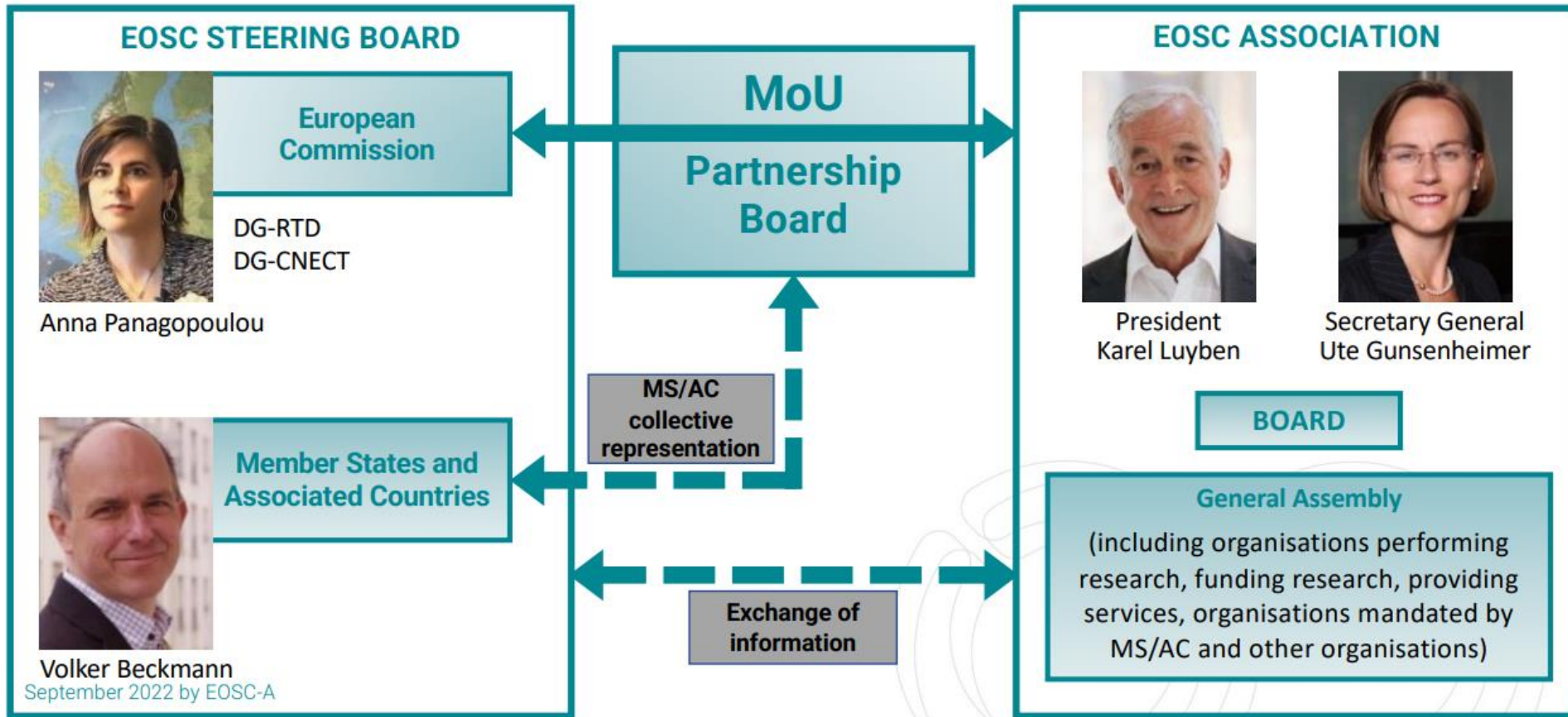
From disconnected silos to a federated infrastructure providing added value to researchers.

Aims to enable multidisciplinary discovery and use

- Develop and govern federating core
- Manage the Authentication and Authorization Infrastructure
- Manage compliance framework
- Manage trusted certification
- Outreach to stakeholders
- Monitor services and transactions
- Manage the EOSC trademarks
- Contribute to Horizon EU policy.

EOSC-A brain pool: 13 task forces and over 400 volunteers

Tripartite collaborations



Tripartite collaboration events



28 September 2022
Tripartite Event | Ireland



4 October 2022
Tripartite Event |
Nordic & Baltic Countries



6 October 2022
Tripartite Event | Greece



10 October 2022
Spain and Portugal
EOSC Tripartite Event



11 October 2022
Tripartite Event | Slovenia



24 October 2022
Tripartite Event | Poland

COUNTRY
ENGAGEMENT



27 October 2022
Tripartite Event | Bulgaria

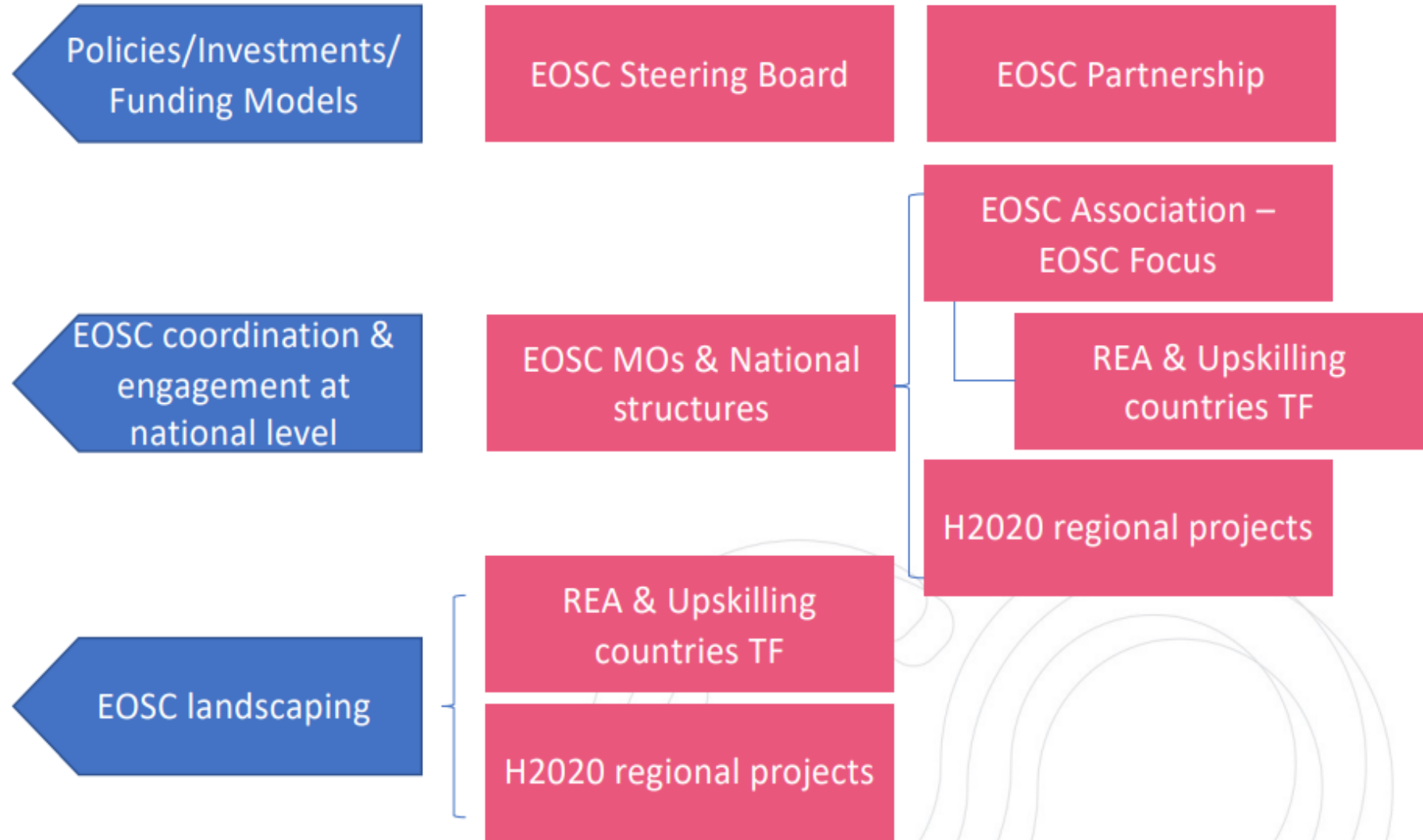
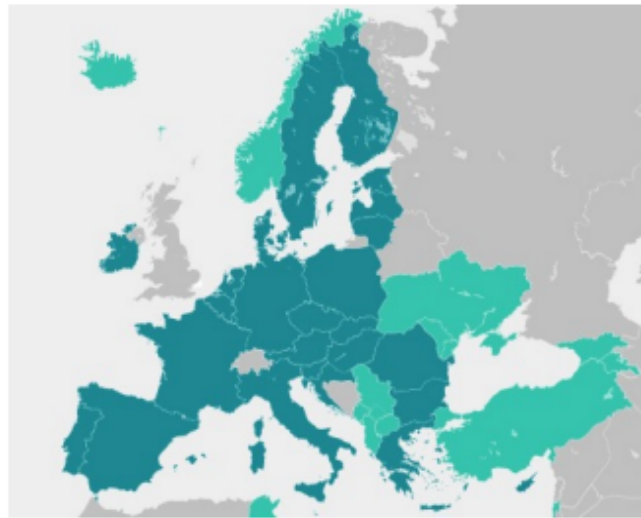


2 - 4 November 2022
Tripartite Event | Georgia



24 November 2022
Tripartite Event | Germany

EOSC actors working with countries



September 2022 by EOSC-A



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Thank you!



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International Agency for Research on Cancer

