EOSC National Tripartite Event Hungary

The EOSC Association: Activities & Priorities

Ute Gunsenheimer, Secretary General, EOSC Association

23 March 2023 by EOSC-A

Today's Topics

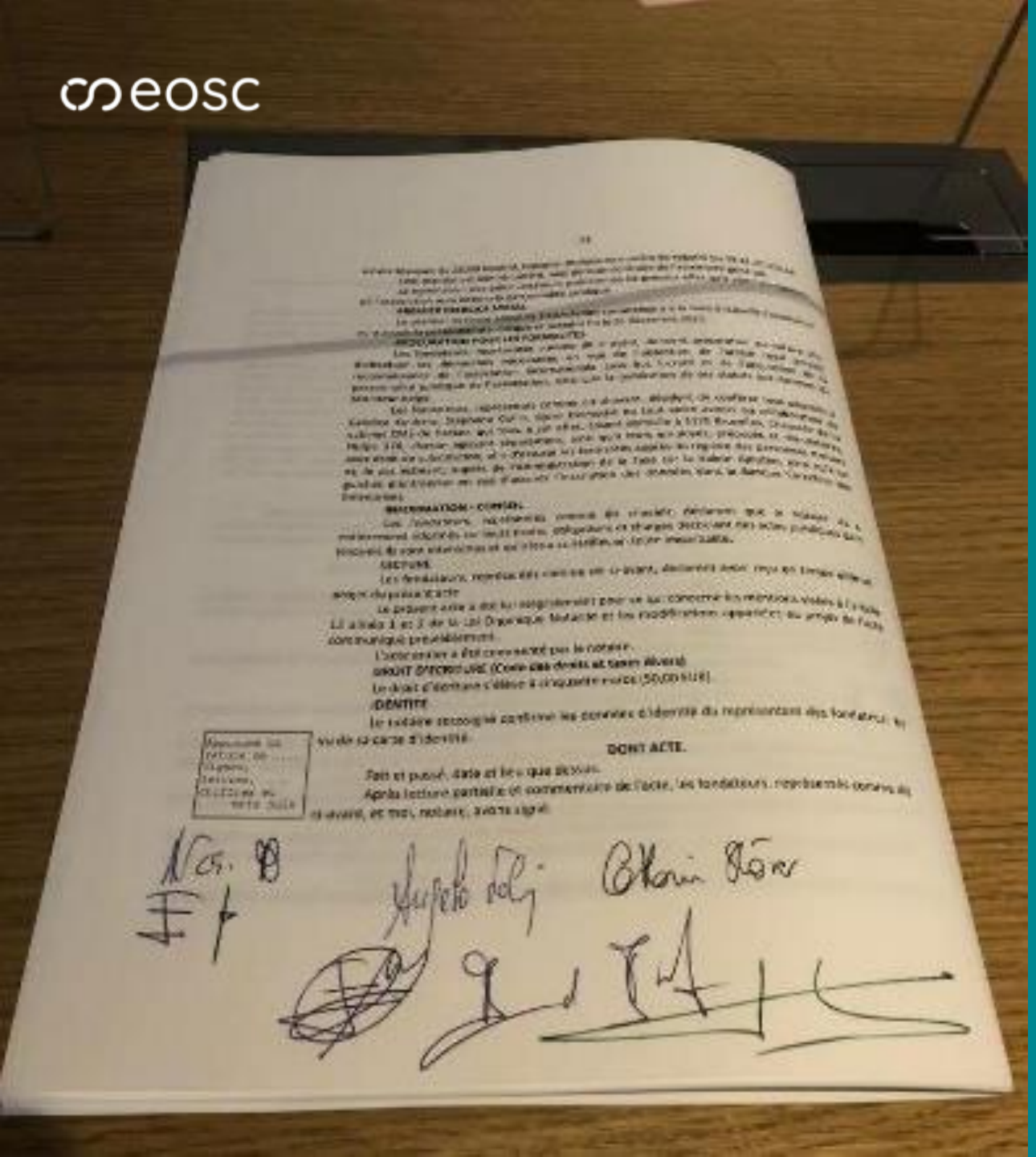
- The EOSC Association
- Its role in the Horizon Europe co-programmed EOSC Partnership

EOSC Association – the Voice of the Community

Next General Assembly #6, 22-23 May 2023

23 March 2023 by EOSC-A

Next GA: 22-23 May 2023



The Purpose of EOSC-A

Incorporation, 29 July 2020

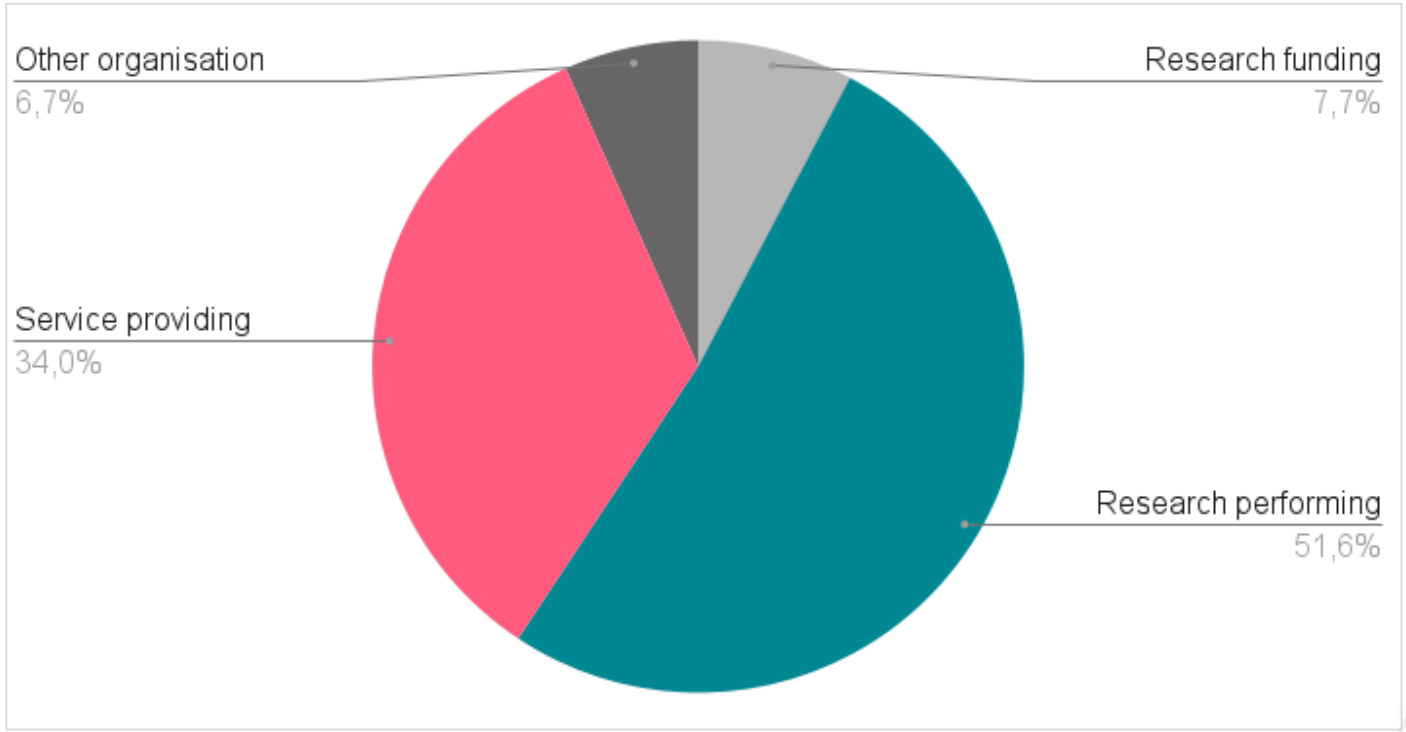
(1) to provide a single voice for the advocay and representation of the broader EOSC stakeholder community,

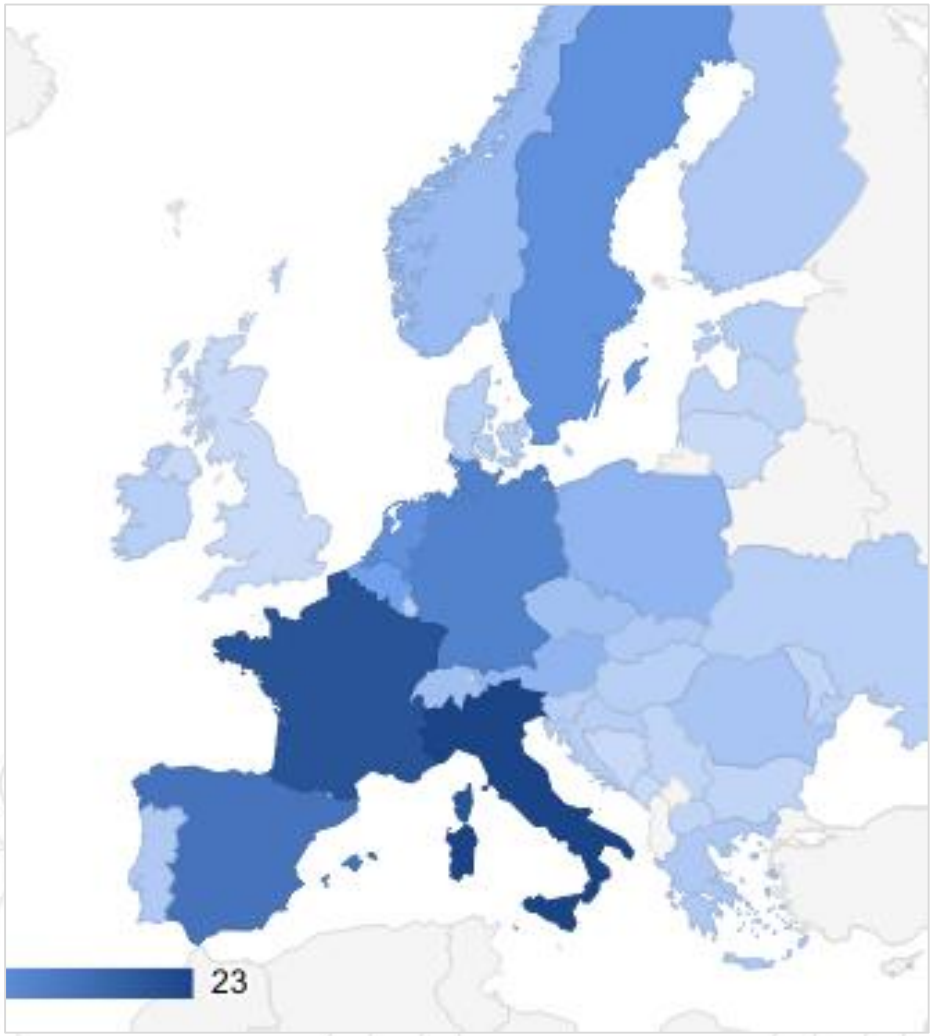
(2) to promote the alignment of European Union research policy and priorities with activities coordinated by the Association;

(3) to enable seamless access to data through interoperable services that address the entire research data life cycle.

168 Members and 81 Observers

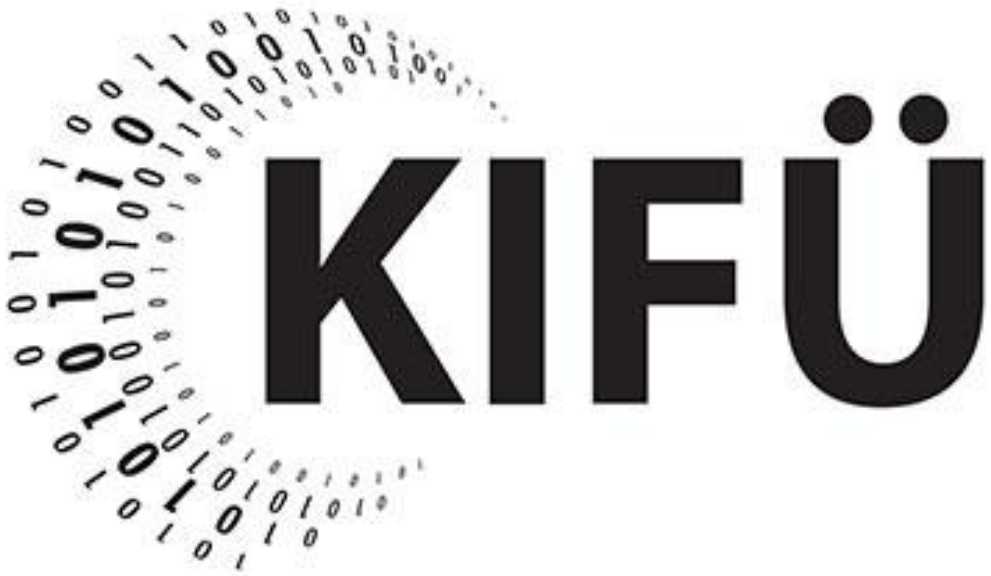
A strong memberbase





Hungarian Participation in EOSC-A

Representation with the Mandated Organisation



EOSC-A Brain-Pool: 13 Task Forces

Over 400 volunteers

Implementation of EOSC

- Rules of Participation compliance monitoring
- PID policy and implementation
- Researcher engagement and adoption

Technical challenges on EOSC

- Technical interoperability of data and services
- Infrastructure for quality research software
- AAI Architecture

Metadata and data quality

- Semantic interoperability
- FAIR metrics and data quality

Research careers and curricula

- Data stewardship curricula and career paths
- Research careers, recognition and credit
- Upskilling countries to engage in EOSC

Sustaining EOSC

- Financial sustainability
- Long-term data preservation

EOSC-A Task Forces

Deliverables available on eosc.eu as well as Zenodo under "EOSC Association"

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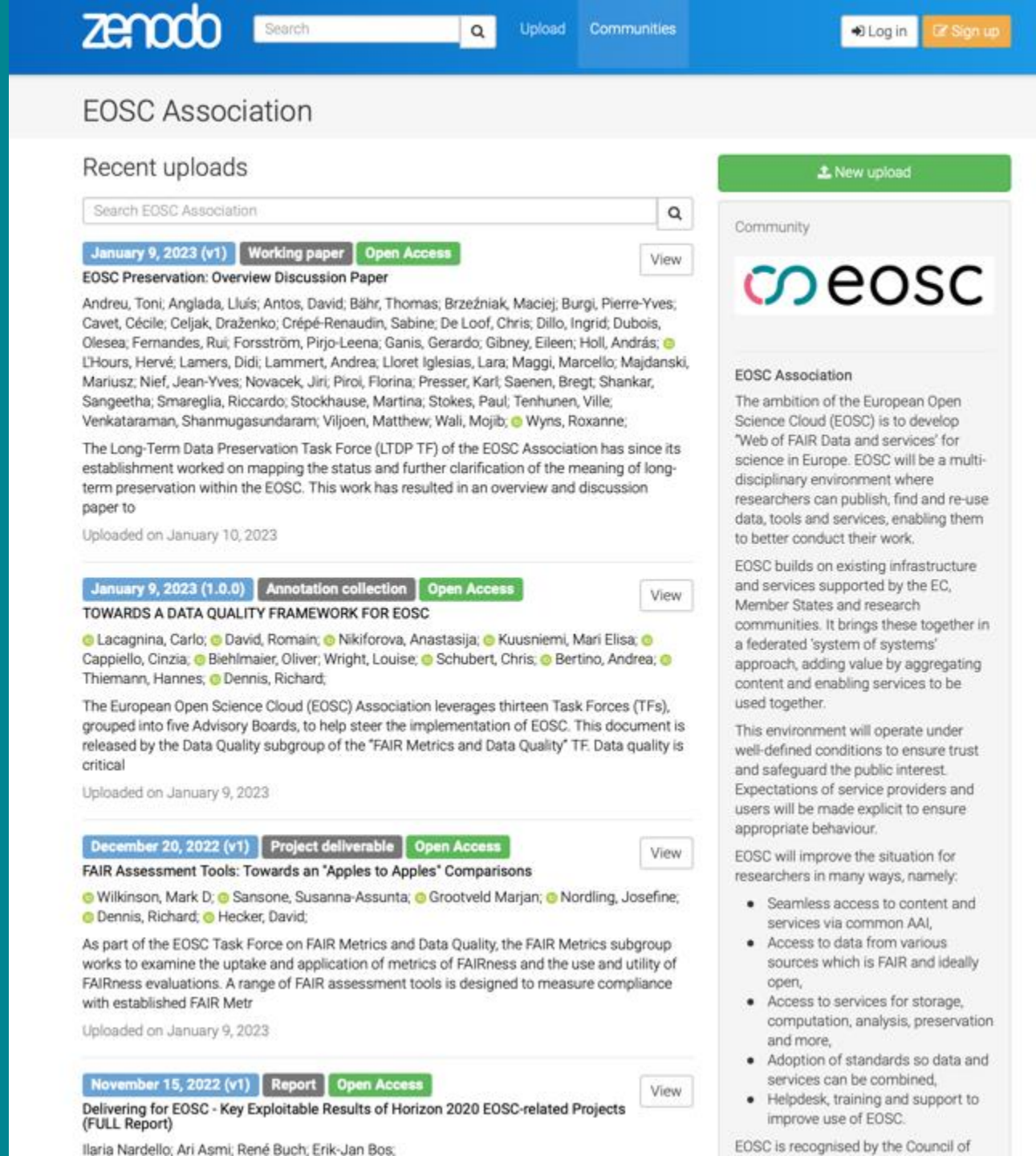
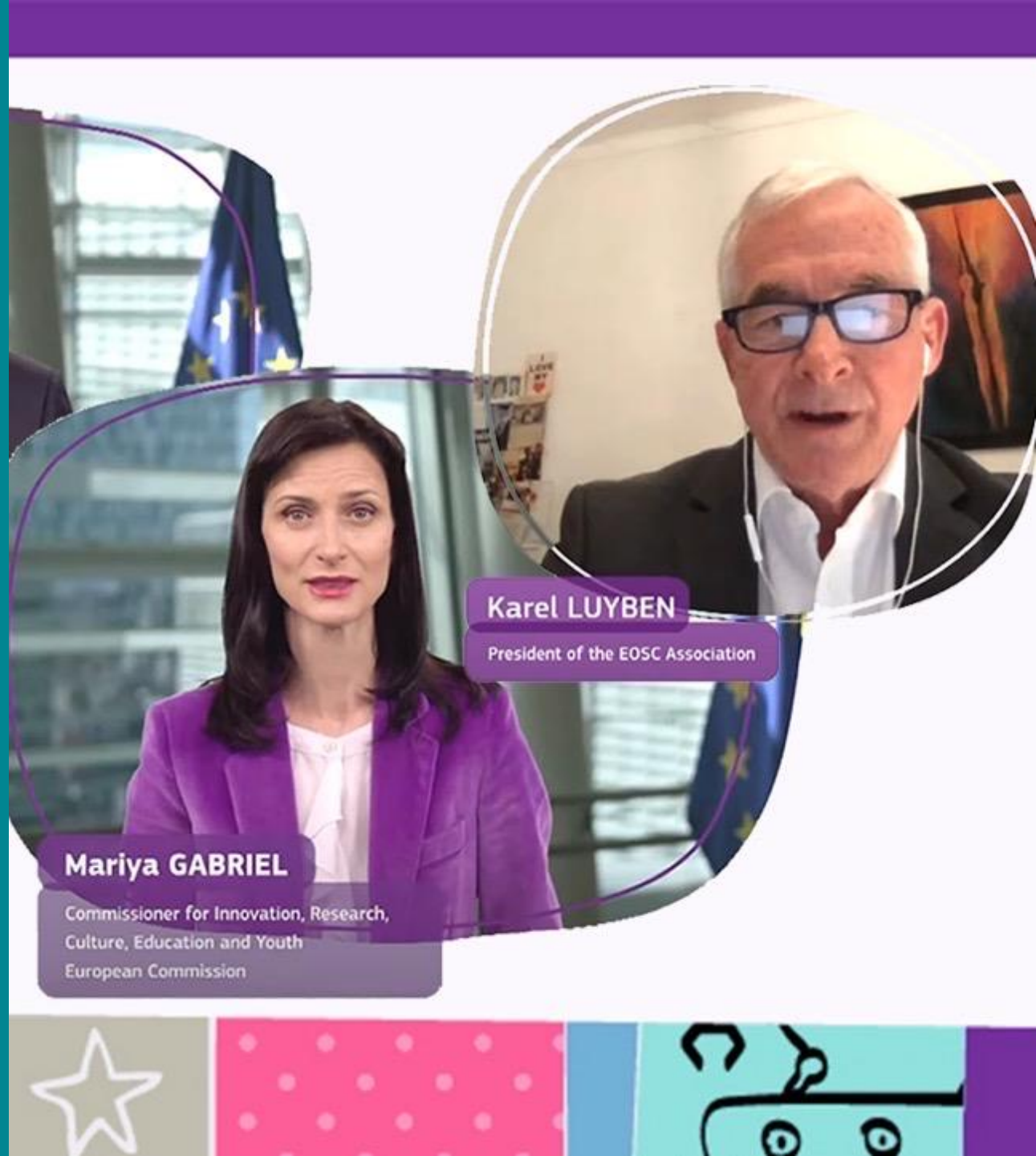


Horizon Europe co-programmed EOSC Partnership

- Launched June 2021
- One billion euros commitment by the European Union and the EOSC Association



SRIA and MAR

Strategic Research and Innovation Agenda

Open Science practices and skills are rewarded and taught, becoming the 'new normal'

Standards, tools and services allow researchers to find, access, reuse and combine results

Sustainable and federated infrastructures enable open sharing of scientific results

Multi-annual roadmap sets priority activities and outcomes grouped by three implementation levels – European, National, Institutional

Three phases of MAR

- 2021-2022: development towards a functional federation of infrastructure
- 2023-2024: expansion to production that generates added value
- 2025-2027: expansion to develop impact from Open Science

Consultation Open

Content of the MoU (2021 – 2030)

The EC's Commitments

- **The MoU is established between the Partners**
  - The EU represented by the Commission
  - The EOSC Association ("Partners other than the Union"), including its constituent entities (members)
- **The MoU is a contractual arrangement, not legally binding**
- **Scope & objectives**
  - To contribute to the objectives defined in the SRIA incl. the KPIs to measure progress
  - Expected financial and in-kind commitments by the partners (490 MEUR + 500 MEUR)
- **Governance: Partnership Board**
  - Composition: Representatives appointed by the Partners other than the Union, Commission officials and Representatives of the Steering Board
- **Commitments of the EC**
  - To duly take into account the input and advice from EOSC-A when defining call topics relative to the scope and objectives of the SRIA
- **Commitments of EOSC-A**
  - In-kind contributions
  - Monitoring and Reporting

Delivering EOSC – the Process

The critical role of the INFRAEOSC Projects

MoU

DGs RTD & CNECT

EOSC Association

Negotiations with MS/AC

Multi-Annual Roadmap

Horizon Europe Work Programme

Community Consultation

Vademecum

European Commission / REA

INFRAEOSC Projects (EUR 490M)

EOSC Association / EOSC Focus

Horizon Europe INFRAEOSC Projects / 2021

AI4 | eosc

eosc | FAIR-EASE

eosc | Focus

eosc | cancer

Skills 4 eosc

eosc | RAISE

eosc | FAIR-IMPACT

eosc | FAIRCORE4EOSC

eosc | EuroScienceGateway

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Horizon Europe INFRAEOSC Projects / 2022

eosc | AquaINFRA

eosc | Blue-Cloud2026
A federated European FAIR and Open Research Ecosystem for oceans, seas, coastal and inland waters

RDA TIGER
eosc

Scilake

CRAFT-OA
eosc

graspos
open research metrics dataspace

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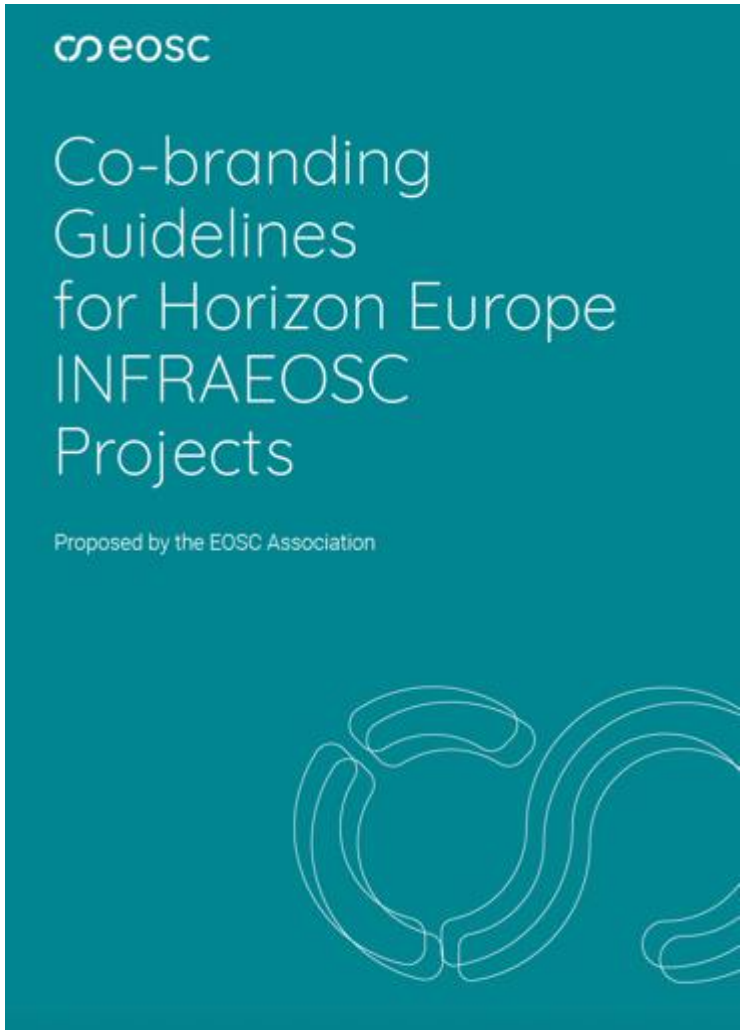
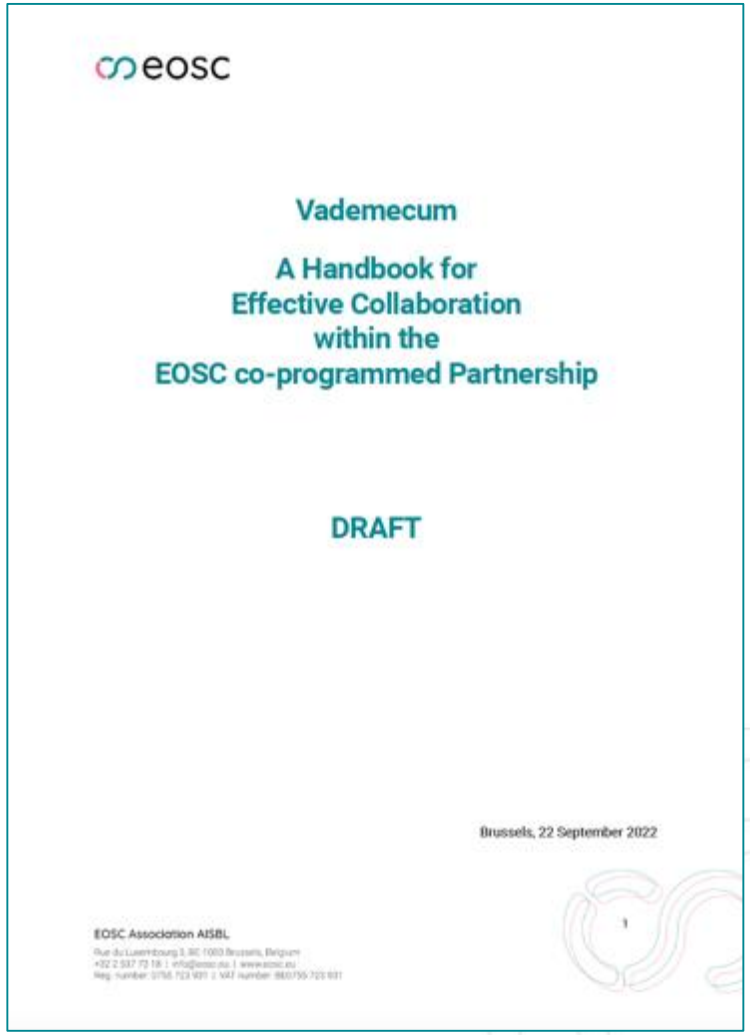
Co-branding Guidelines & Vademecum

Two Key Documents for Collaboration





Governance and Administration

Communication and Stakeholder Engagement

Monitoring

Technology

Collaboration with INFRAEOSC Projects kicked-off

Joint meeting in Brussels, 30 September 2022

Next Meeting
15 / 16 June 2023

EOSC Partnership Monitoring & Reporting

Additional Activities and Key Performance Indicators

23 March 2023 by EOSC-A

Content of the MoU (2021 – 2030)

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  - Monitoring and Reporting

Demonstrating Added Value by 2025 – EOSC-A

Additional Activities of EOSC-A Members

AAP 2021 (Pilot)
EUR 309.005.000
Eligibility of all months unclear

AAP 2022
EUR 312.453.697
1468 FTEs
Demonstrators: EUR 64M

AAP 2023
EUR 383.929.296
2105 FTEs
Demonstrators: EUR 94M

EOSC Partnership Monitoring Framework

Example of MF KPI

Strategic and operational objective	SO2 Professional data stewards are increasingly available in research performing organisations in Europe to support Open Science
KPI	SO2_01 The number of countries where the national education system recognises curricula for data stewards
Baseline	(2022) TBD
Target	(2025) 5 national education systems recognise curricula for data stewards.
Data Reporting	EOSC Association
Data Sources	a. National reports, ERA Forum b. Relevant EC studies, if available
Data Provider	a. EOSC-SB, national agencies, mandated organisations b. EC* (*the role of the EC will be limited to providing relevant studies, if available)
Collection Methodology	Survey

MF KPI baseline status

KPI baseline status Vs. KPI target value (%)

Tripartite Collaboration

23 March 2023 by EOSC-A

EOSC Partnership

Tripartite Collaboration

EOSC STEERING BOARD

European Commission

DG-RTD
DG-CNECT

Anna Panagopoulou

Member States and Associated Countries

Volker Beckmann

MoU

Partnership Board

MS/AC collecti…

Exchange of information

Tripartite Collaboration

EOSC ASSOCIATION

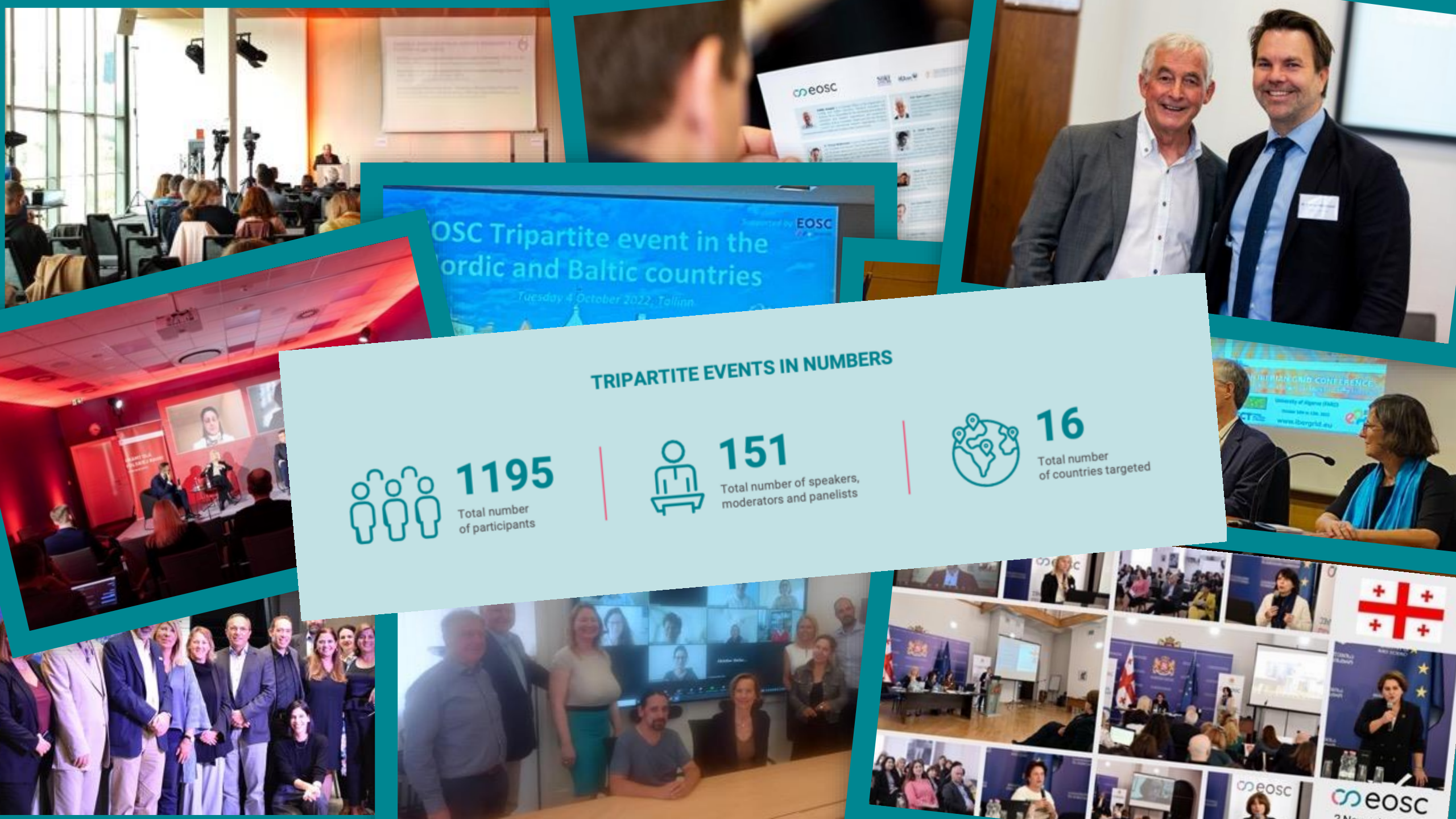
President
…el Luyben

Secretary General
Ute Gunsenheimer

BOARD

General Assembly

(including organisations performing research, funding research, providing services, organisations mandated by MS/AC and other organisations)



TRIPARTITE EVENTS IN NUMBERS

1195
Total number of participants

151
Total number of speakers, moderators and panelists

16
Total number of countries targeted

The future of EOSC post-2027

14.11. Joint discussion at Tripartite Event

Feb Reflections of MS/AC ar

April SWOT analyses on short models

24.05. Tripartite Event / online

Perfect timing of our today's event to start shaping the future of EOSC!

Draft of 28 October 2022

Supporting document
EOSC operations and evolution post-2027

For discussion in the EOSC Tripartite event on 14 November 2022

Authors: EOSC Association and Commission services

This document supports an initial strategic discussion at the level of the tripartite governance of the European Open Science Cloud (EOSC) regarding the **models for operating, governing, evolving and sustaining the EOSC Federation after 2027**. The document lists the main EOSC deliverables expected by 2027, thus portraying 'where we plan to be in 2027' and defines three main questions respectively on the governance, the funding and the partnership approach for the EOSC federation post 2027.

ember 2022 Tripartite event, retained options will be o as to be well prepared for incorporating the best een for 2025, in view of the expected launch of FP10 in

FAIR Data and Services' for science in Europe. Central trusted, virtual, federation of existing infrastructures in AIR research outputs across borders and scientific eration". Such a distributed EOSC 'system of systems' rticipating research infrastructure nodes of different associated countries. EOSC can be seen as a thin R principles. The EOSC Federation should provide researchers in Europe to find and access FAIR data and interoperable services that address elements of the whole research cycle (from discovery and mining to storage, management, analysis, publication, and re-use). The EOSC federation should also enable the monitoring of the re-use of research outputs and of the uptake of open science practices across borders and disciplines.

1. Where do we plan to be by 2027?

The overall objectives set for EOSC are to deploy operations to serve EU researchers and to progressively open-up, connect and articulate EOSC with the wider public sector and the private sector[1].

The successful uptake of such a federation depends on multiple aspects ranging from the adoption of minimum common technical solutions to the uptake of appropriate governance,

[1] As defined in the European data strategy (COM(2020) 66 final) which defines the European Open Science Cloud (EOSC) as "the basis for a science, research and innovation data space that will bring together data resulting from research and deployment programmes and will be connected and fully articulated with the sectoral data spaces.".