National Tripartite Event France

The EOSC Association and its role in the Horizon Europe EOSC Partnership

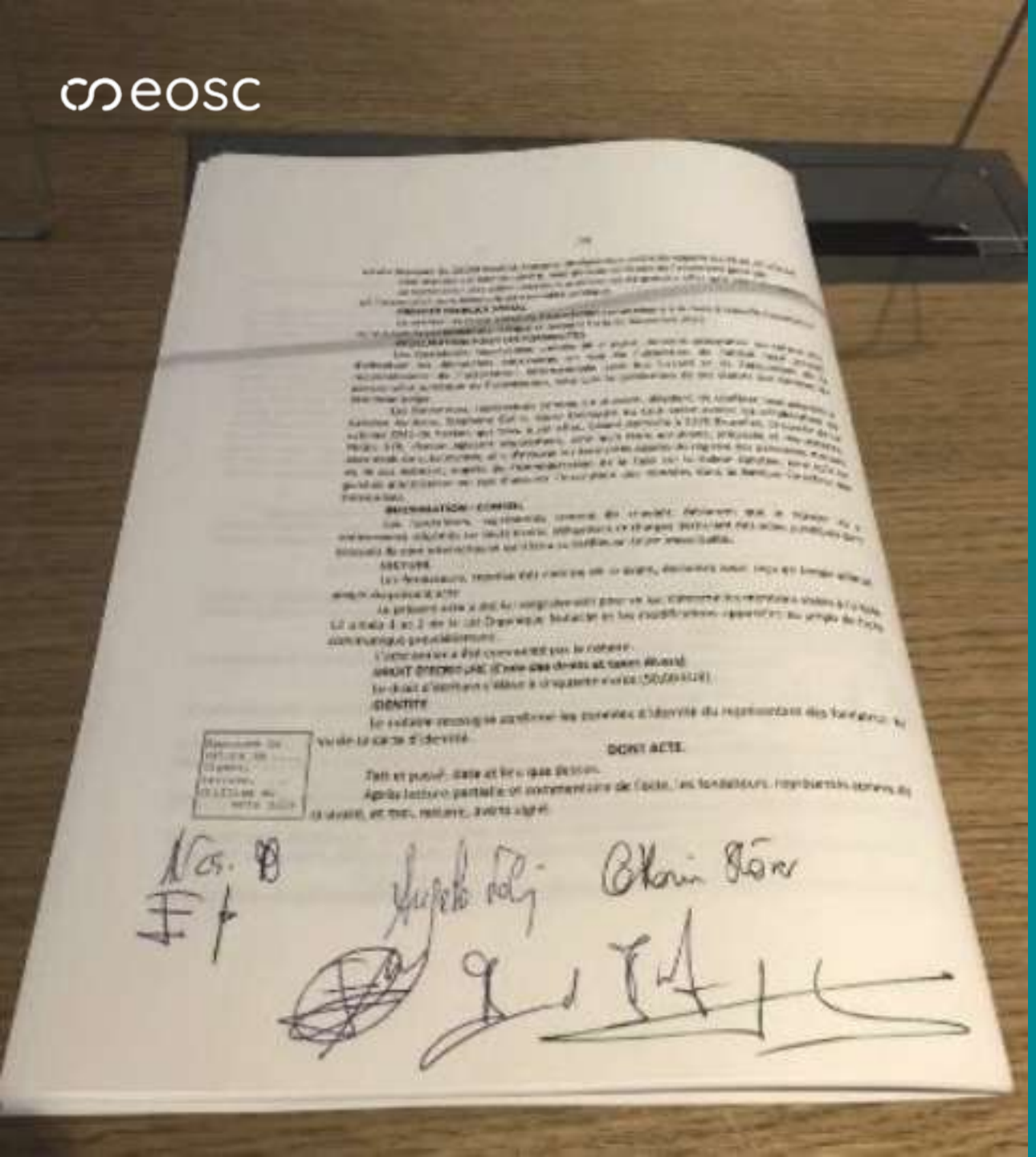
Ute Gunsenheimer, Secretary General, EOSC Association

13 June 2023 by EOSC-A

Today's Topics

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

The EOSC Association - The Voice of the Community



The Purpose of the EOSC Association

Incorporation, 29 July 2020

(1) to provide a single voice for the advocacy 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;

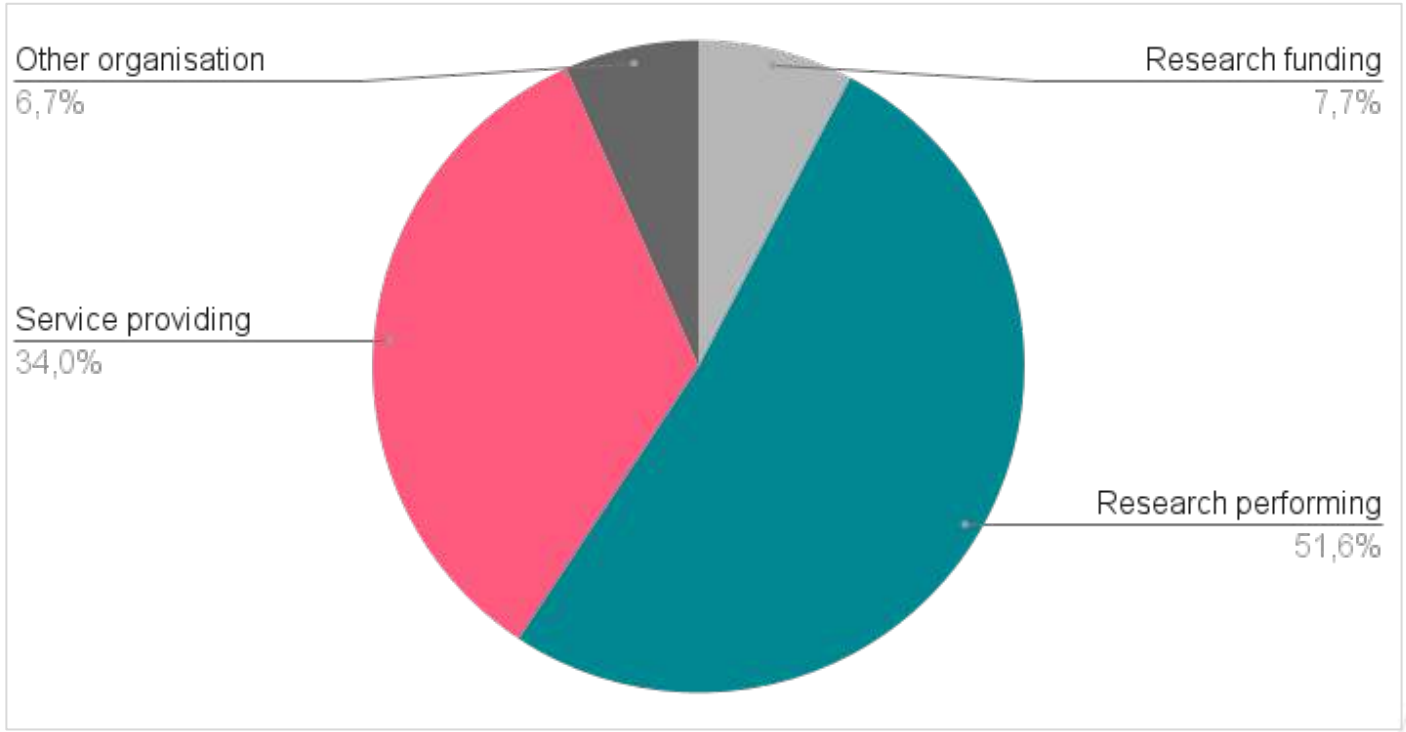
(3) to enable seamless access to data through interoperable services that address the entire research data life cycle.

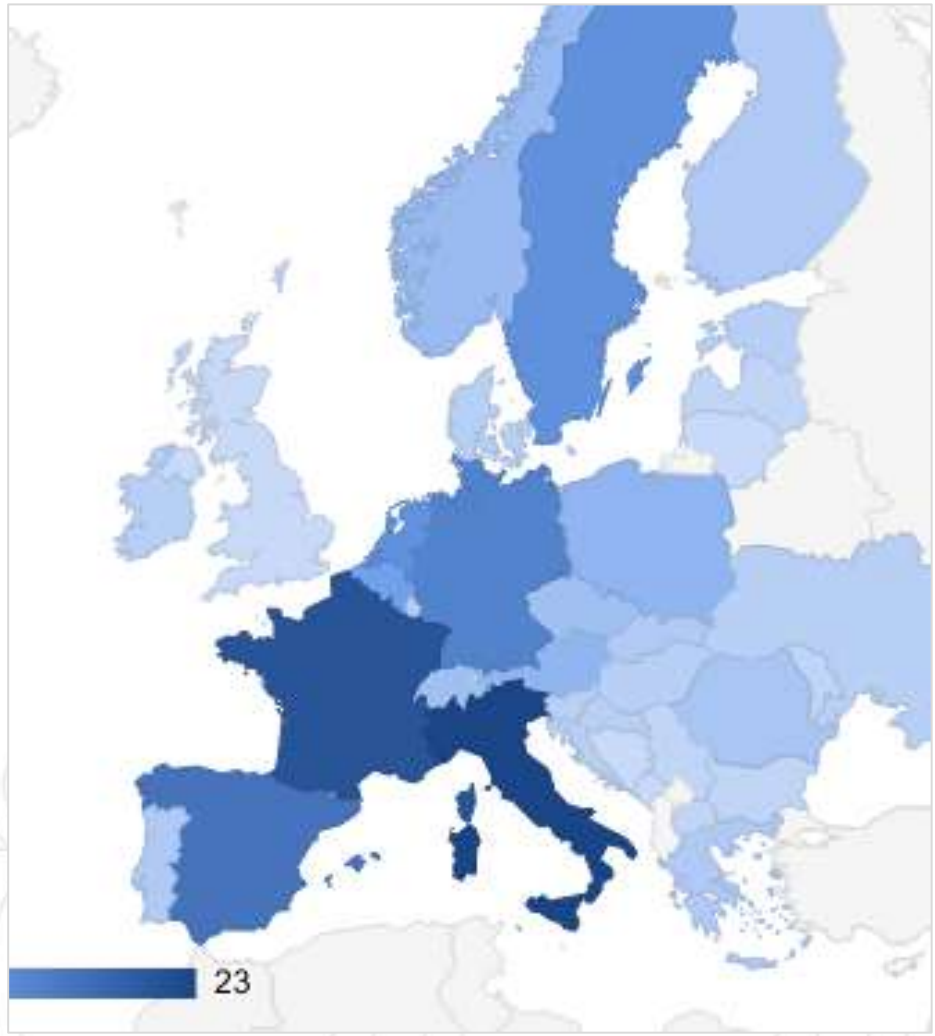
The Benefits of being a Member

- Actively shape the strategic development of the European Open Science Cloud by contributing to the Partnership's Strategic Research and Innovation Agenda and its Multi-Annual Roadmaps;
- Actively guide the strategy for the EOSC implementation phase by contributing to EOSC-A's Advisory Groups, Task Forces and Working Groups;
- Participate in General Assembly meetings with voting rights;
- Gain a voice in relevant policy dialogues and access to policy makers at the European and national levels;
- Showcase the contributions and impact of your organisation;
- Network with like-minded people and become an ambassador within your organisation's peer group.

167 Members and 84 Observers

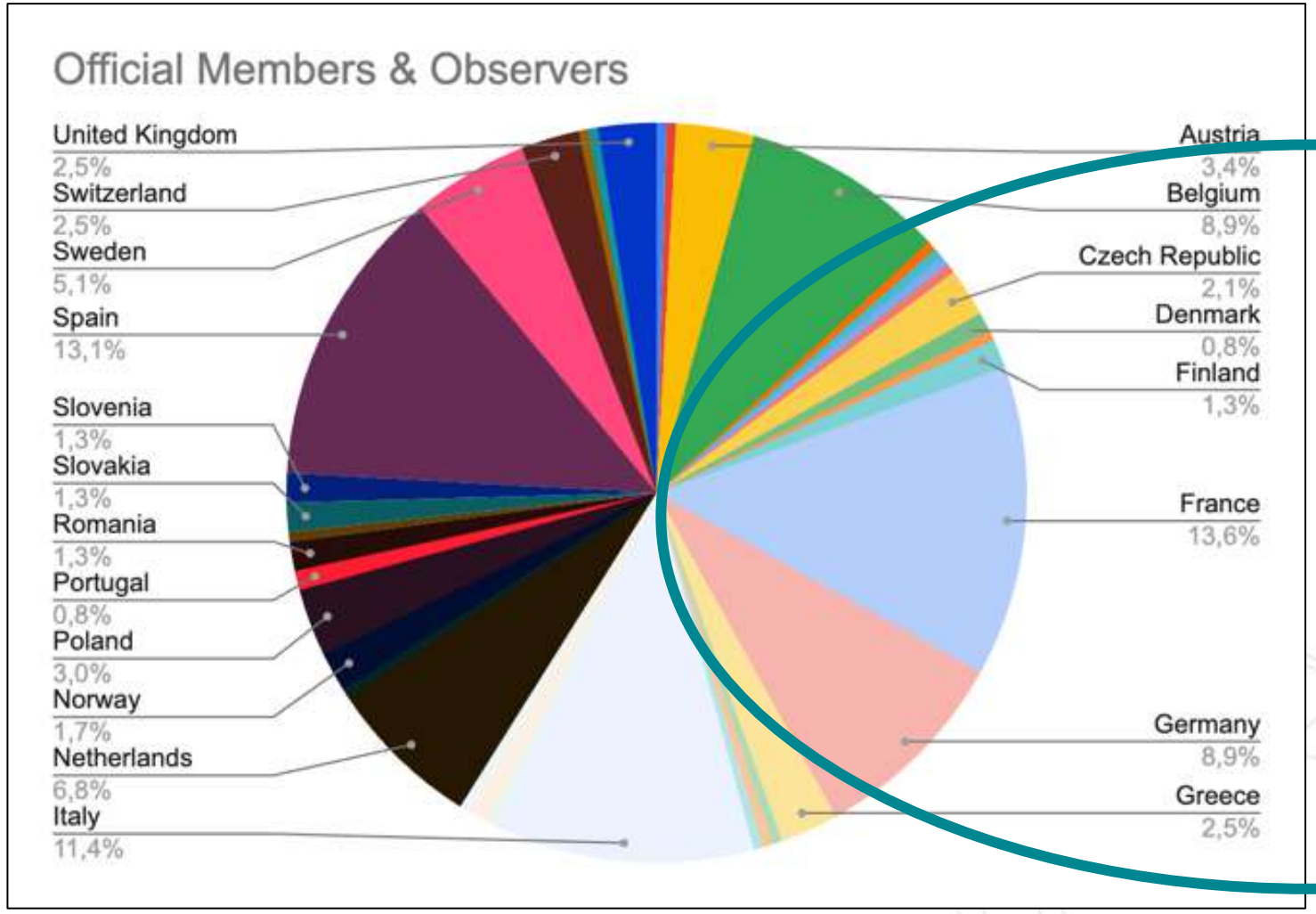
A strong memberbase

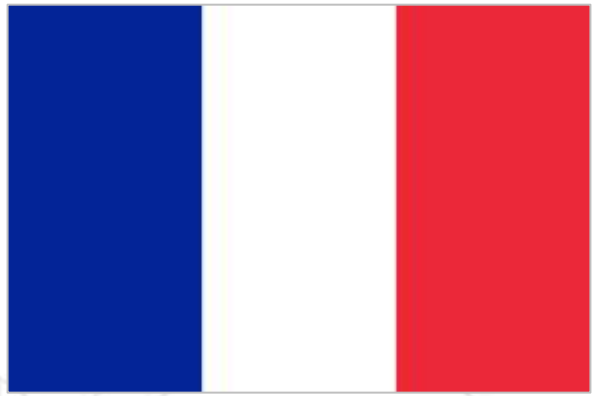




Members & Observers

Geographic Distribution





EOSC-A French Members & Observers

31 Organisations (1 MO, 17 Members and 13 Observers)

The Board of Directors

Nine Independent Individuals

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The EOSC Association Brain-Pool

13 Task Forces with over 500 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: French participation

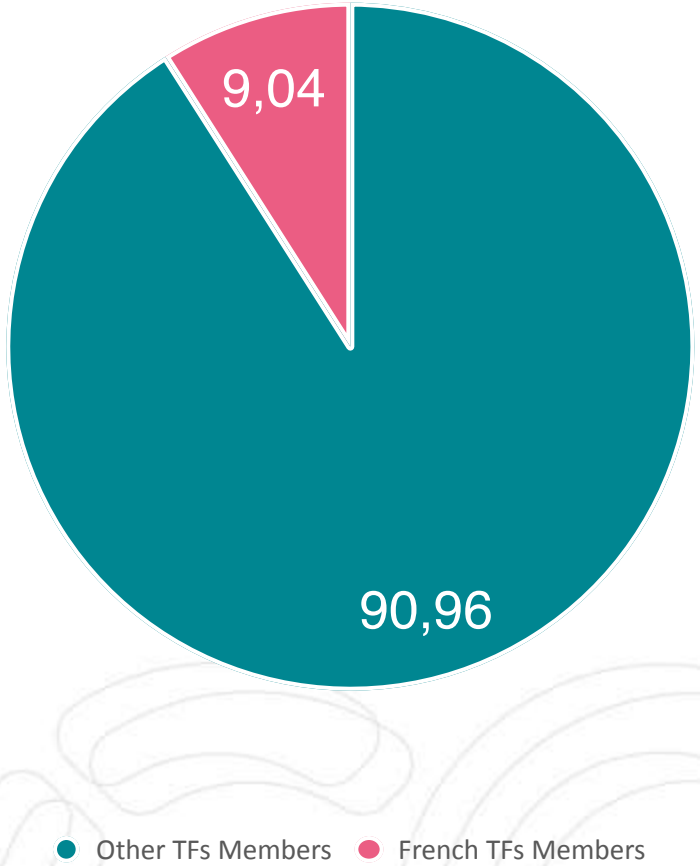
564 members in the EOSC-A TF

Research careers and curricula

Technical challenges

Sustaining EOSC

51 people from 24 different italian organizations are members of the EOSC-A TF (9,04%)



Horizon Europe co-programmed EOSC Partnership

Launched June 2021

One billion euros commitment by the European Union and the EOSC Association

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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:

1. 2021-2022: development towards a functional federation of infrastructure
2. 2023-2024: expansion to production that generates added value
3. 2025-2027: expansion to develop impact from Open Science

Memorandum of Understanding (2021-2030)

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

Commitments of the European Commission

Commitments of the EOSC Association

Horizon Europe co-programmed EOSC Partnership

Commitments of EOSC-A

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Demonstrating Added Value by 2025 – EOSC-A

Additional Activities of EOSC-A Members

eosc

22-23 May 2023

6th General Assembly

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

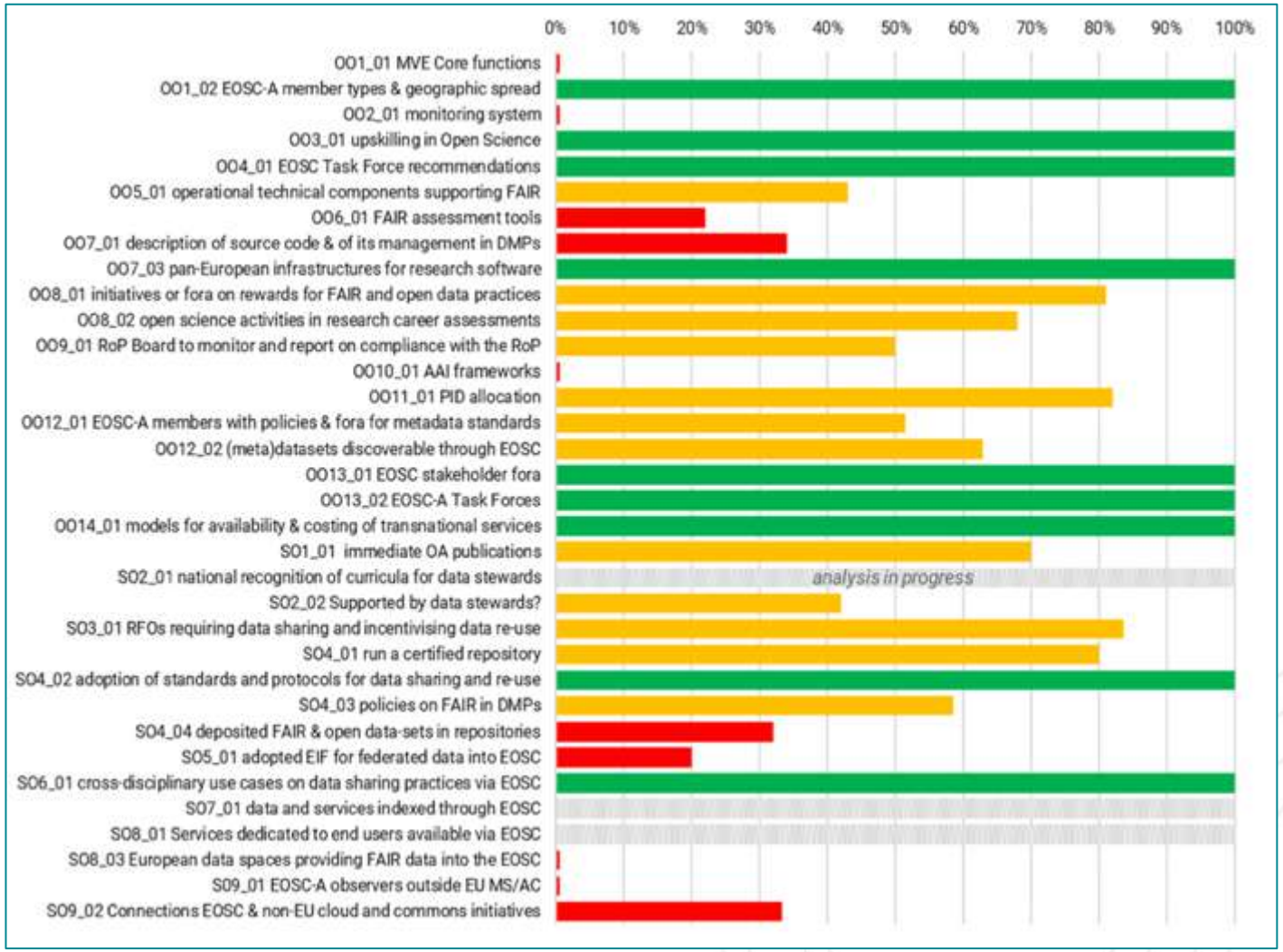
AAP 2022
EUR 312.453.697
1468 FTEs
Demonstrators: EUR 64M

AAP 2023
EUR 383.929.296
2105 FTEs
Demonstrators: EUR 94M

Monitoring the Progress

EOSC Partnership KPIs

Monitoring Framework KPI Baseline



Horizon Europe co-programmed EOSC Partnership

Commitments of the EC

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Delivering EOSC – the Process

The critical role of the INFRAEOSC Projects

MoU

DGs RTD & CNECT

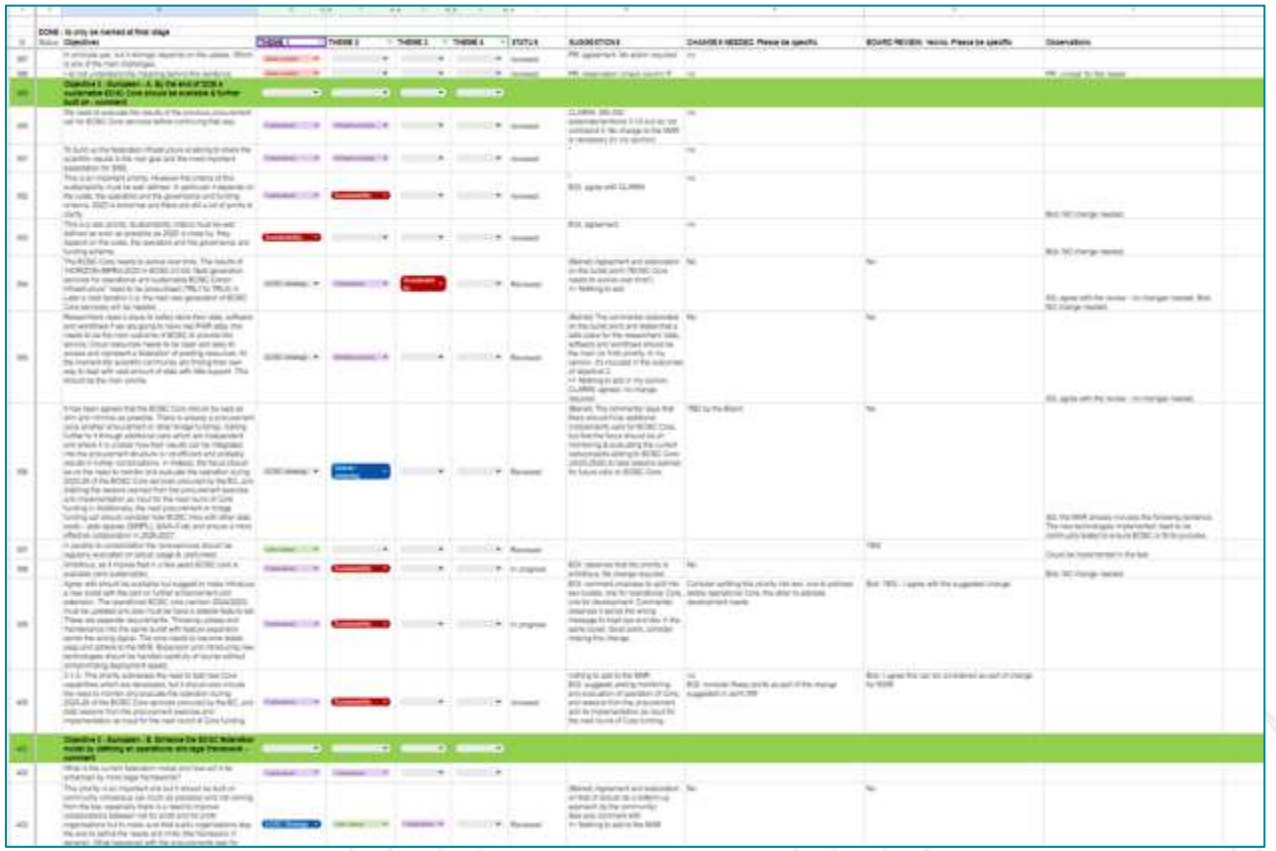
HORIZON EUROPE

EOSC Association

Multi-Annual Roadmap

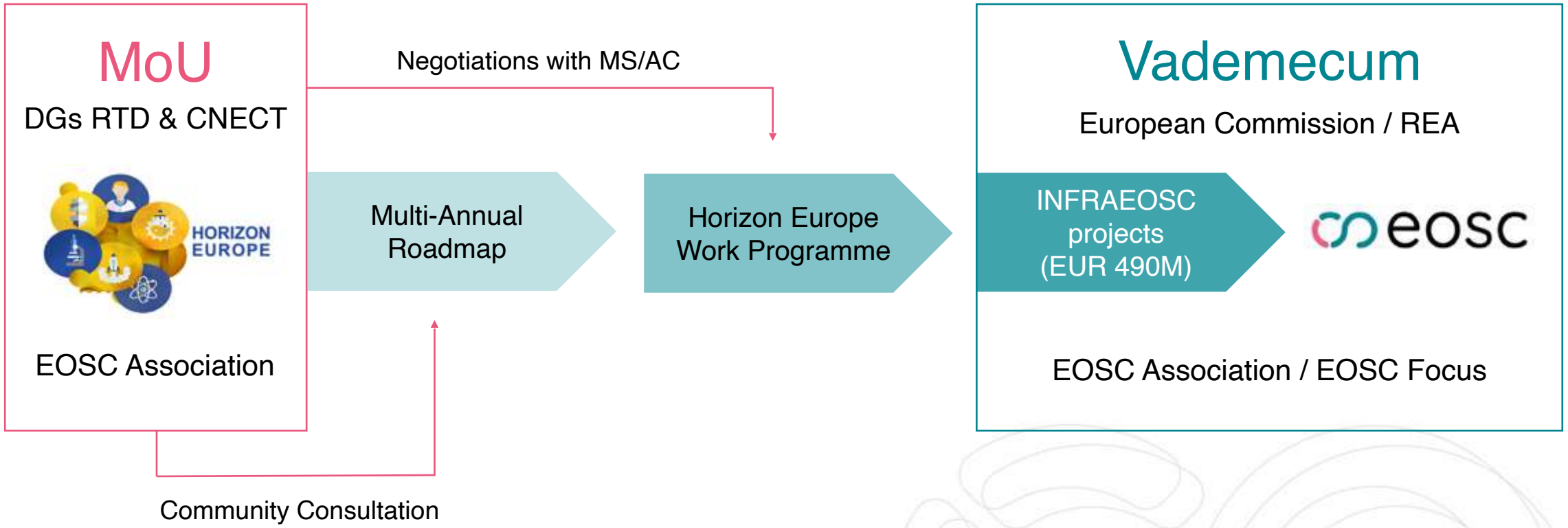
Community Consultation

652 indivdual commnts



Delivering EOSC – the Process

The critical role of the INFRAEOSC Projects



Collaboration INFRAEOSC Projects

EOSC | FAIR-EASE

EOSC | RAISE

EOSC | cancer

EOSC | FAIRCORE4EOSC

EOSC | FAIR-IMPACT

EOSC | EuroScienceGateway

EOSC | Focus

AI4 | EOSC

Skills 4 EOSC

Horizon Europe INFRAEOSC Projects / 2022

AquaINFRA

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

CRAFT-OA

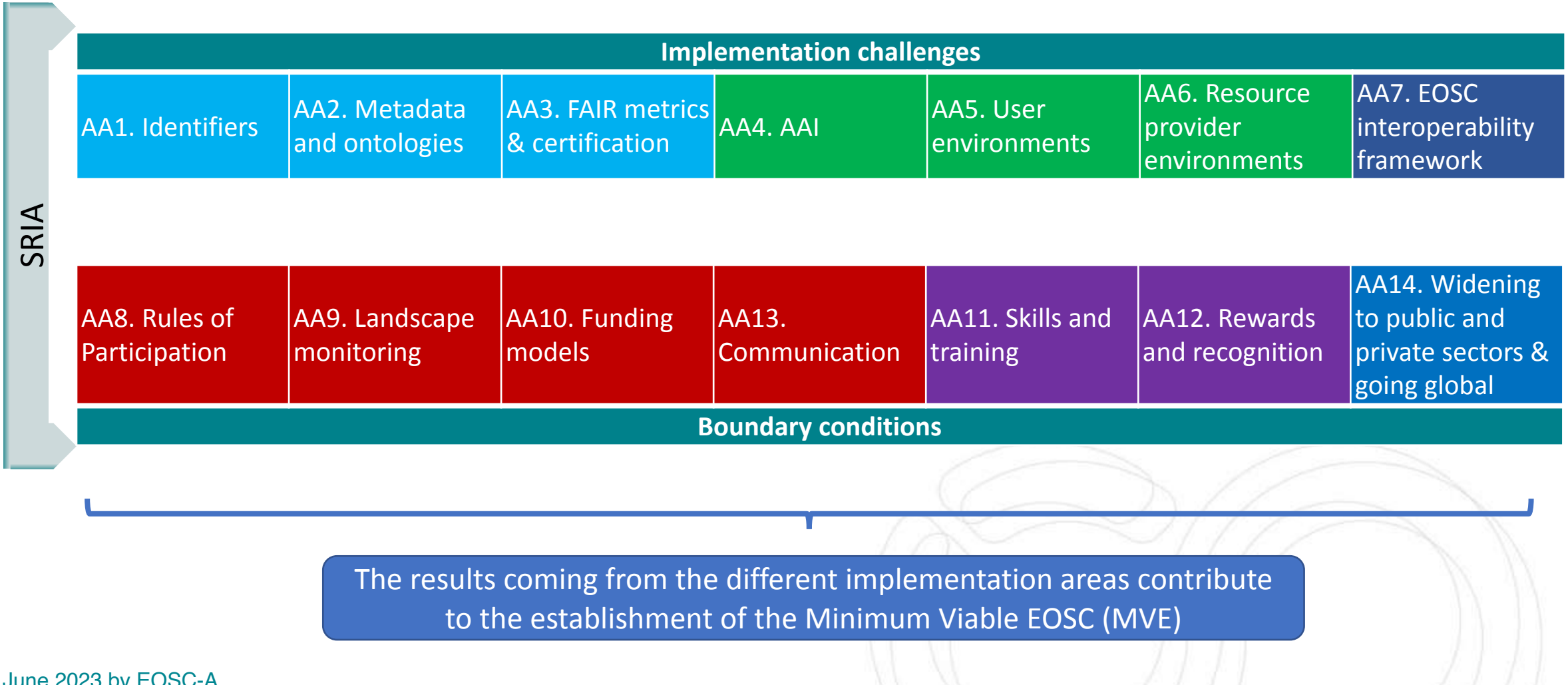
RDA TIGER

Scilake

graspos
open research metrics dataspace

SRIA Implementation Areas

The SRIA identifies 14 action areas considered key to deploy the EOSC ecosystem



Tracking & visualising the EOSC implementation

The Macroroadmap of the HE INFRAEOSC projects

- A new tool that will be made available for the EOSC stakeholders to:
  - Understand how the different HE INFRAEOSC projects contribute to the EOSC Implementation
  - Map the results of the HE INFRAEOSC projects on the EOSC roadmap timeline / SRIA implementation actions
  - Identify potential gaps in terms of EOSC implementation priorities
- The macroroadamp will be accessible via the eosc.eu website
- The macroroadmap is produced by EOSC Focus in collaboration with ALL the HE INFRAEOSC projects (*EOSC Focus is currently organising interviews with all the projects to gather the relevant information*)
- Iterative process
  - A first “macroroadmap” of results will be available by the EOSC Symposium 2023
  - The EOSC-A, via EOSC Focus, will keep the macroroadmap updated

Working with the Projects

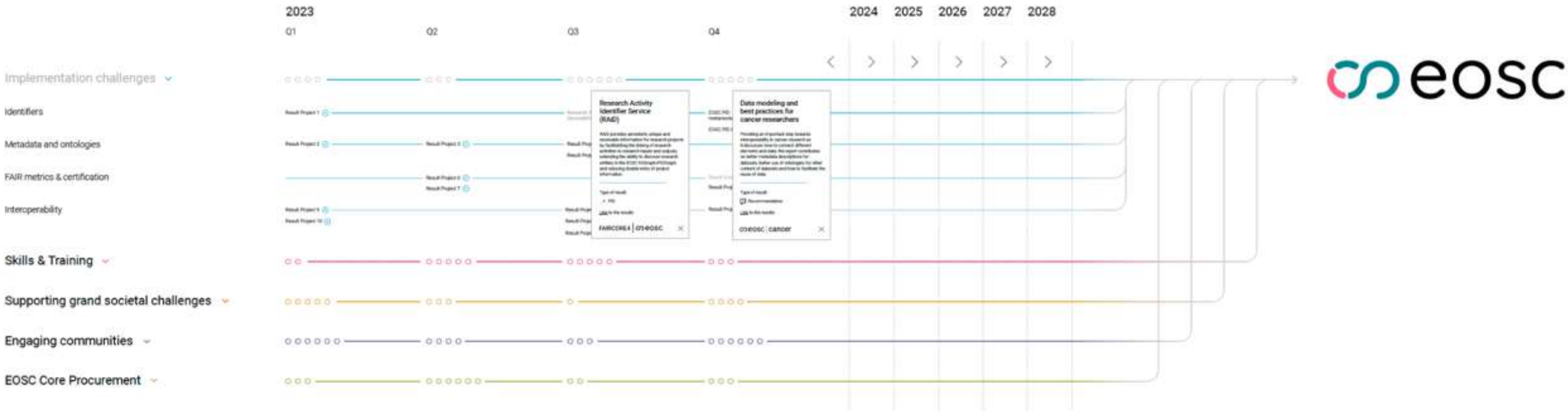
Marco-Roadmap

eosc | Roadmap

eosc | Focus

Funded by the European Union

Implementation 2023 - 2027



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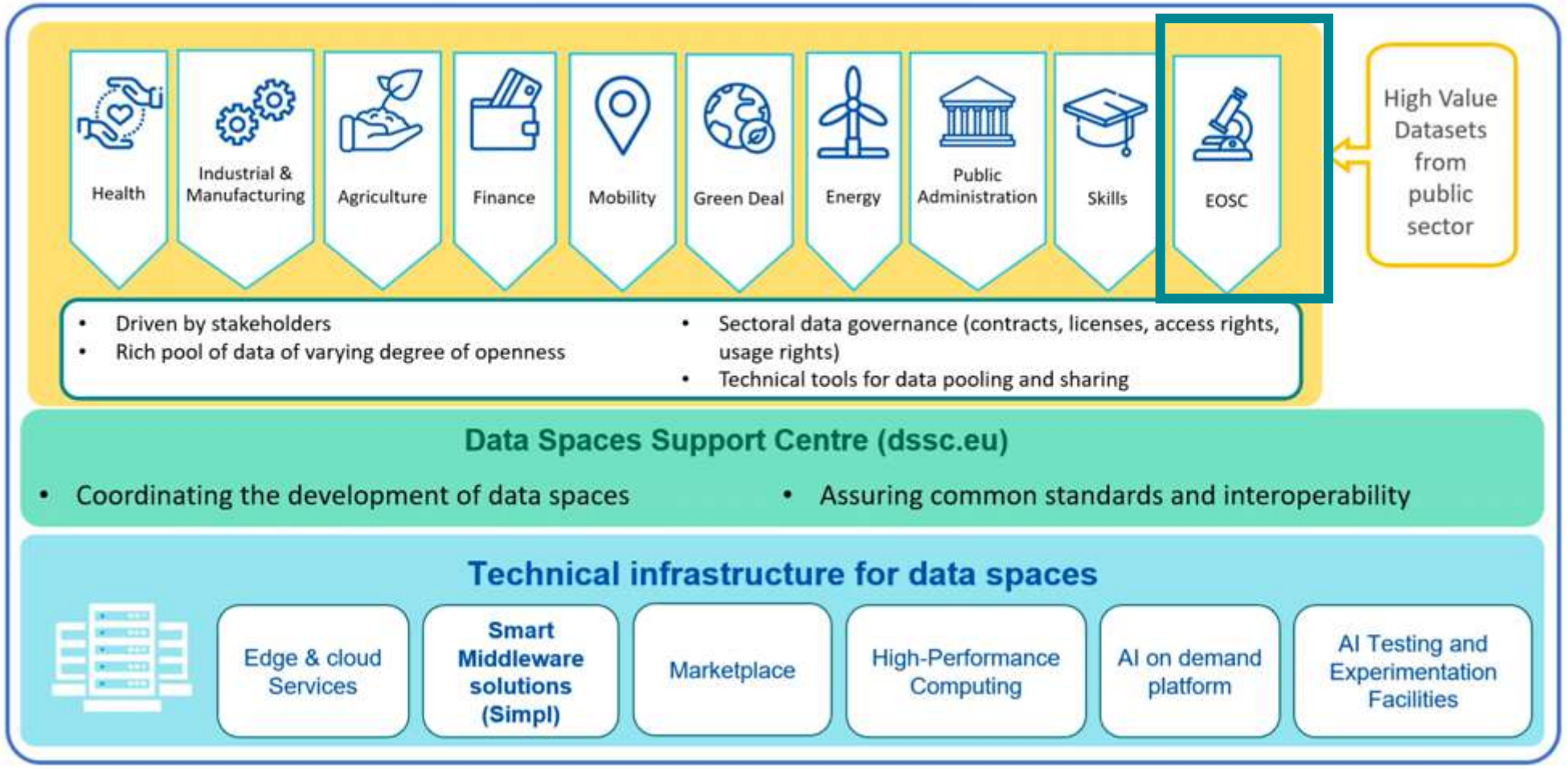
EOSC – a Common European Data Space



"EOSC is 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 articulated with the sectoral data spaces" (European Data Strategy, COM(2020) 66 final)

Collaboration with DSSC
Topics for Joint Online Workshops

EOSC proposal (input collected via consultation with all the EOSC projects and EOSC A Task Forces)

- EOSC & DSSC introductory webinar
- Data – Metadata and Cross-Domain Interoperability in EOSC and Data Spaces: current ideas and potential synergies for future work
- EOSC initiatives for Health and the EHDS
- EOSC initiatives for Green Deal and the Green Deal Data Space
- Governance and national coordination in EOSC and Data Spaces: differences and commonalities
- Maximising the value of data for innovation: challenges and opportunities
- EOSC Procurement & SIMPL procurement (later in 2023)
- FAIR implementation: is FAIR in scope for the Data Spaces?
- Skills in EOSC and Data Spaces: what skills and capabilities do we need to build? (let´s consider the EU year of skills)
- Data preservation: EOSC and Data Space perspectives

Tripartite Collaboration

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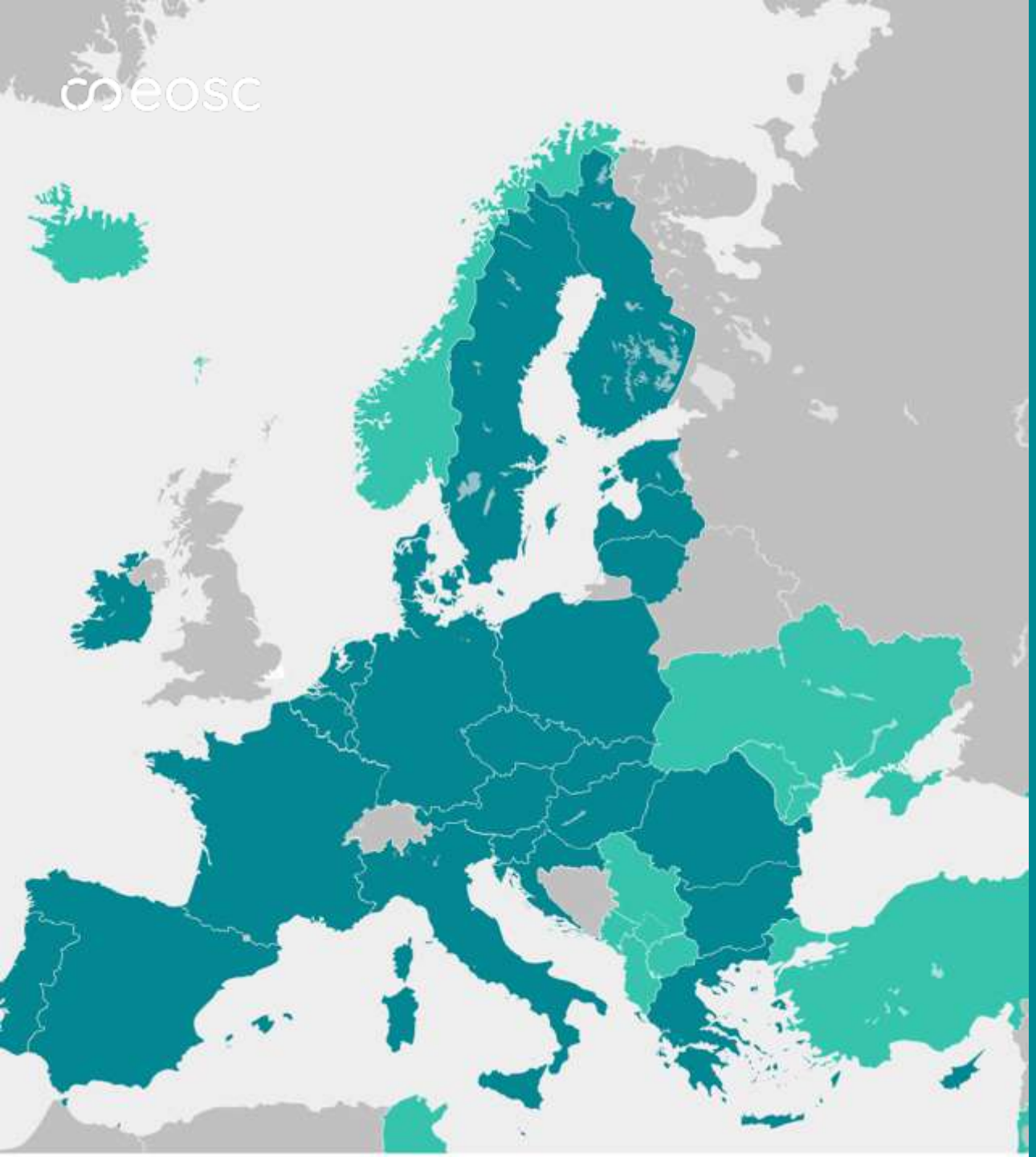

Tripartite Collaboration

European Commission

EOSC Association

EOSC Steering Board

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National Tripartite Events Main results

- **24 countries targeted in NTE**
- **2050 participants in National and NTE**
- **+ 35 preparatory meetings**
- **31 country pages**
- **15 Articles**
- **7 Post event reports**
- **Social media coverage**

2022

1293 Participants

177 Speakers & moderators

16 Countries targeted

March – June 5th 2023

757 Participants

8 Countries targeted

UPCOMING TRIPARTITE EVENTS (June - September 2023)

3rd Europen Tripartite Event

24 May 2023 (online)

Tasks on the way to create EOSC

Operational and development tasks in discussion with the EC

1. Deploying and operating the EOSC EU node
   (Core, Exchange, FAIR Data Federation)
2. Maintaining and updating the EOSC EU node and expanding the EOSC federation
   (with elements that are close to the ‘market’)

3. Enabling a ‘web of FAIR data and services’ for science
4. Develop, prototype and test new elements supporting the evolution of the EOSC Core and Exchange and the tools enabling the federation
   (focus on elements that can be made ready for the ‘market’)
5. Enabling Open Science policies and the uptake of Open Science practices

Leading the Way to a Solid EOSC Governance Framework

- Building on the achievements of the French EU Presidency
- Reflecting the size and commitment of the French community
- Guiding the other countries in the EOSC Steering Board into the bright future of EOSC post-2027

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