

# Winter School 2024

29 January - 1 February 2024 / Thessaloniki, Greece



eosc.eu | #eoscwinterschool2024

Supported by

 EOSC | RAISE

 EOSC | Focus  
 Funded by the European Union

## Aligning technical developments and Opportunity Areas for efficient EOSC development

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30.01.2024



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the European Union

# Current HE EOSC-related projects

## INFRAEOSC 2021

AI4EOSC  
EOSC Focus  
EOSC4Cancer  
EuroScienceGateway  
FAIRCORE4EOSC  
FAIR-EASE  
FAIR-IMPACT  
RAISE  
Skills4EOSC

## INFRAEOSC 2022

AquaINFRA  
Blue-Cloud 2026  
CRAFT-OA  
GraspOS  
RDA TIGER  
SciLake

## Neighboring projects

BY-COVID  
(2021-EMERGENCY-01)  
e-IRGSP7 (2021-DEV-01-05)  
StRESFRI3 (2021-DEV-01)  
WorldFAIR (2021-ERA-01-41)

## INFRAEOSC 2023

EOSC Beyond  
EOSC ENTRUST  
EVERSE  
OSCARS  
OSTrails  
SIESTA  
TITAN




## Vademecum - A Handbook for Effective Collaboration within the EOSC co-programmed Partnership

- Developed jointly by EOSC-A and EOSC Focus under the guidance and input from the EC's DG RTD Open Science Unit
- Areas for collaboration:
  - Governance
  - Administration
  - **Communication & Stakeholder Management**
  - **Monitoring**
  - **Technical Developments**

<https://bit.ly/EOSCvademecum22>



# HE Groups

| Group   | Objective, project representatives  |
|---|---|
| HE Communication & Engagement  | <ul style="list-style-type: none"> <li>Enhance collaboration, minimize overlap, and <b>increase visibility of HE EOSC-related project results</b> through coordinated communication and engagement activities</li> <li>Engagement / communication officers</li> </ul>         |
| HE Technology                  | <ul style="list-style-type: none"> <li>Ensure efficient and coherent development of EOSC by fostering <b>cross-project alignment on technical developments</b>, maximizing the impact of project outputs</li> <li>Technical coordinators</li> </ul>                           |
| HE EOSC Impact               | <ul style="list-style-type: none"> <li>Align with HE EOSC-related projects in achieving their <b>EOSC-related impact and demonstrating</b> their contribution and added value</li> <li>Project representatives involved in the measuring impact of project results</li> </ul> |

# Interviews with the HE EOSC-related projects

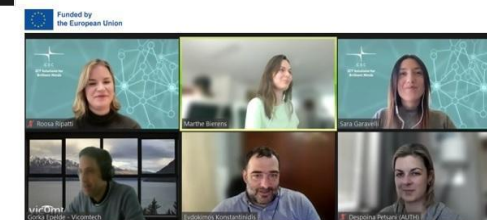
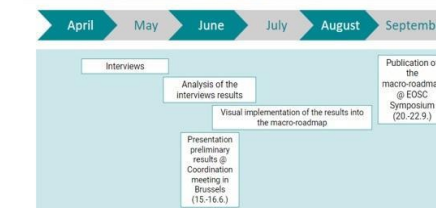
March – September 2023

## Why:

- identify synergies, technical challenges and potential gaps in terms of EOSC implementation priorities
- develop the EOSC Partnership Macro-Roadmap
- showcase the projects' contribution in achieving their EOSC-related impact

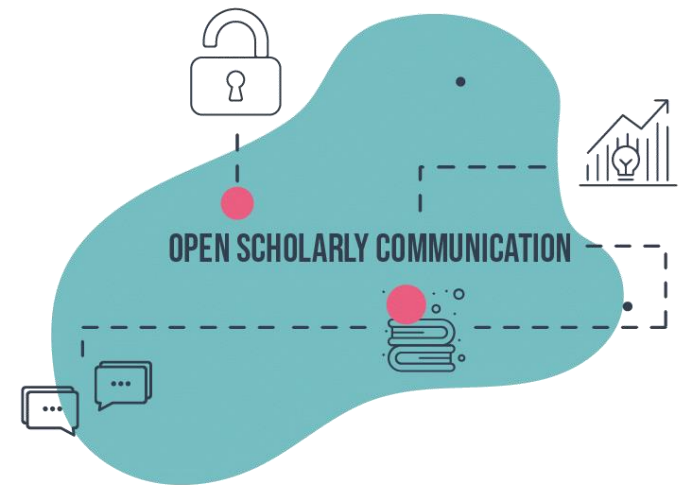
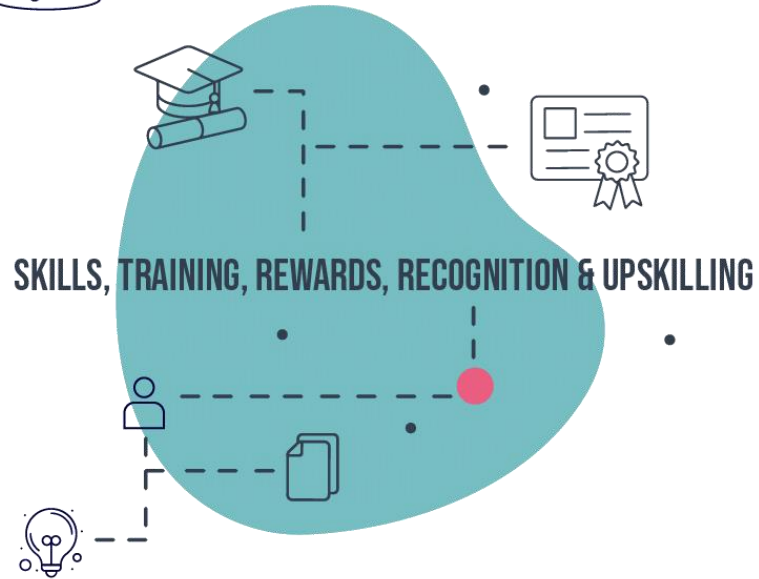
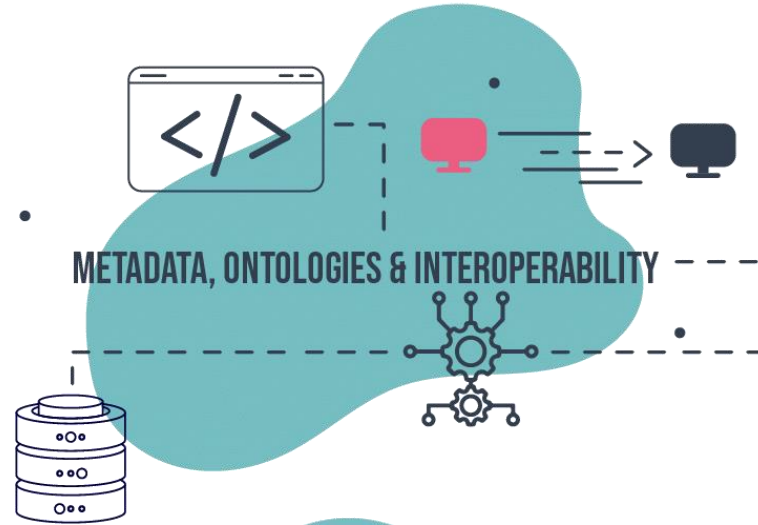
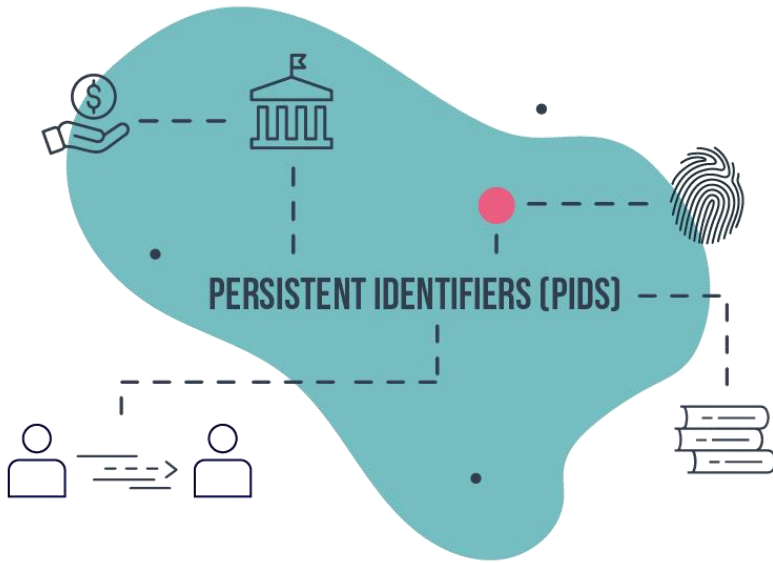
## How:

- mapping the respective project results to SRIA Action Areas
- capturing the alignment with other projects / initiatives and implementation examples (case studies)



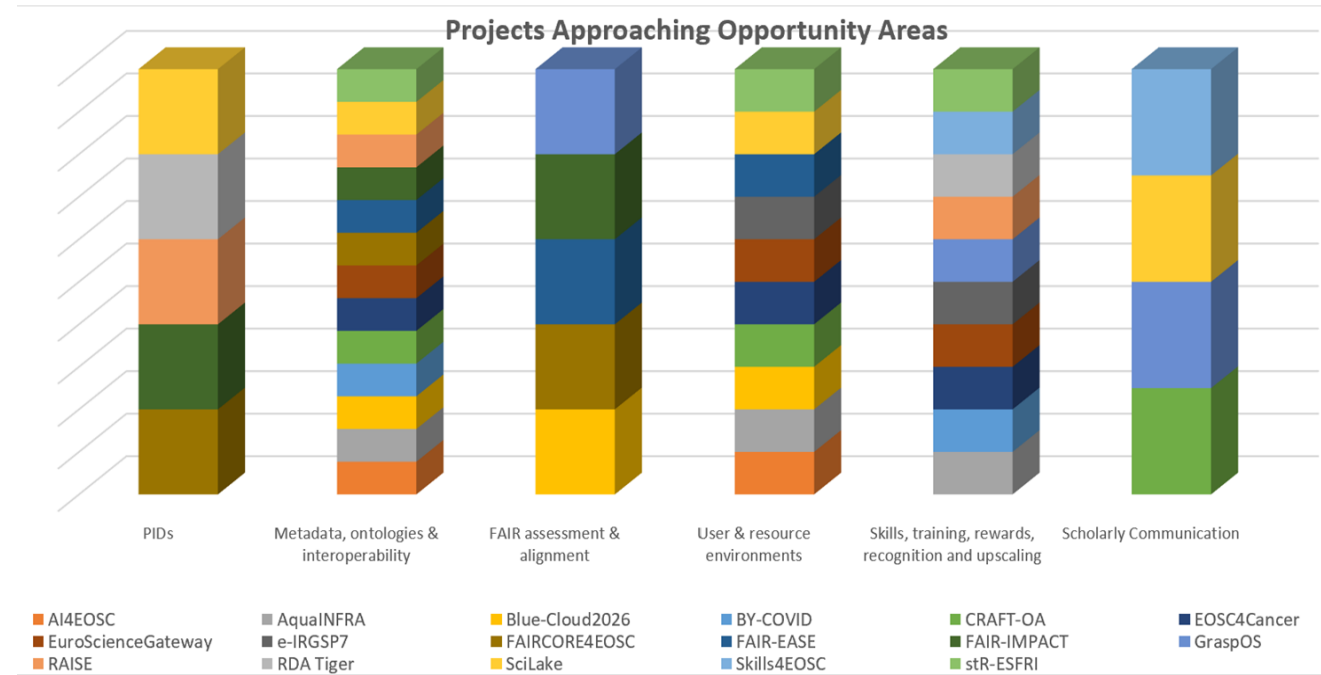
**Outcome:** Framework to pinpoint tangible aspects and promote synergies between projects working in related/overlapping areas

# Opportunity Areas



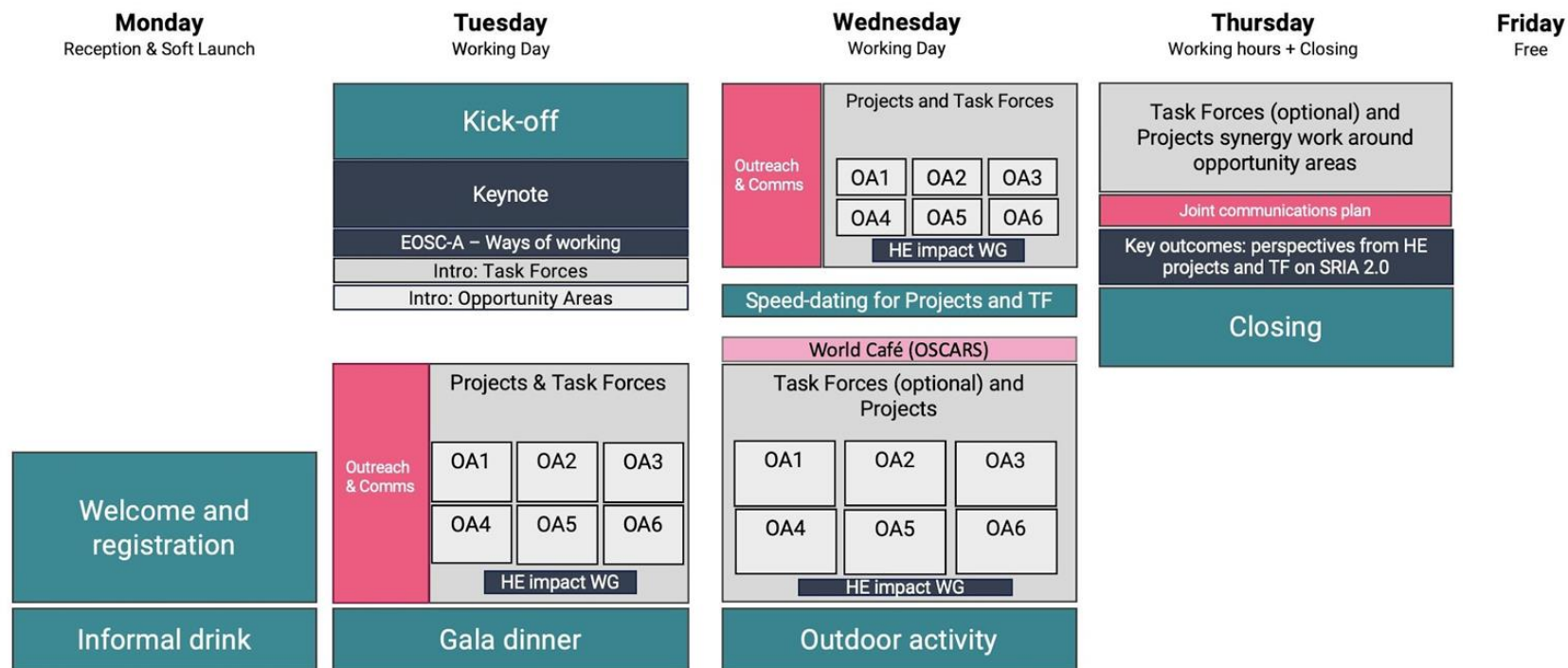
# EOSC Winter School 2024

- Address the gaps and deepen technical understanding in various Opportunity Areas
- Integrate the deliverables of the EOSC-A Task Forces into the work of the projects



# EOSC Winter School 2024

- Six sub-programme committees, comprising project representatives, Task Force Co-Chairs and an EOSC-A Board representative (October 2023-January 2024)
- Facilitated by EOSC Focus and EOSC-A Secretariat





# EOSC Winter School 2024

**Approach:** Presentations, group work, mapping exercises, demonstrators and hackathons

## Priorities

- Short-term:
  - Hands-on technical collaboration (OAs) to establish closer cooperation between the projects for the remainder of their duration
  - Hand-over results of EOSC-A TFs to HE EOSC-related projects
- Mid-term:
  - To frame inter-project collaboration that allows seamless onboarding of future projects (2023 onwards)
  - Contribute to shaping the vision of SRIA 2.0
- Long-term:
  - Increase the potential of the HE EOSC-related projects to deliver sustainable results that benefit the EOSC deployment and thereby maximize project impact



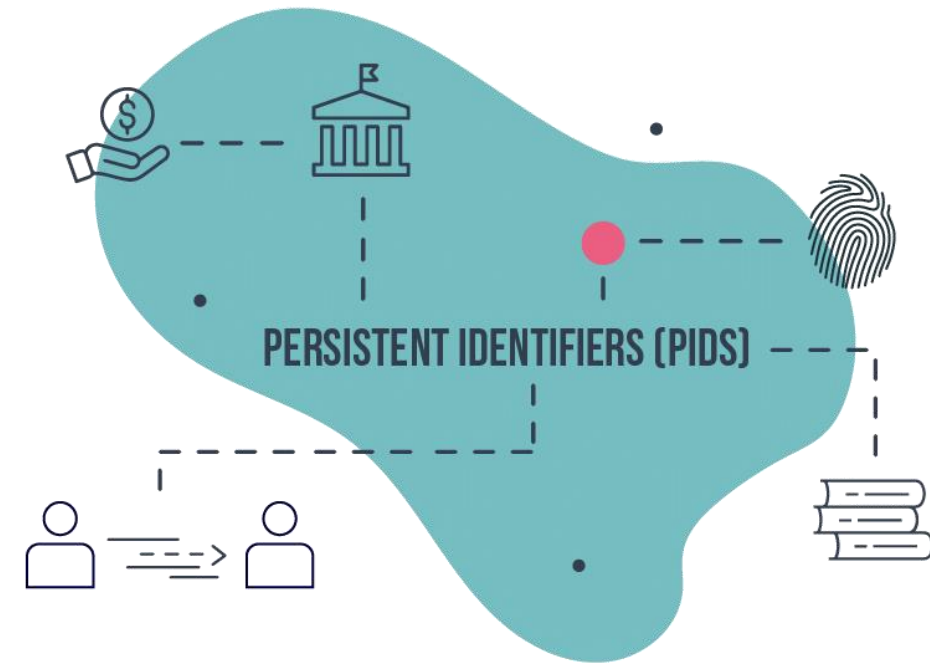
# OA1: Persistent Identifiers (PIDs)

Objective:

- Identify efforts, challenges and opportunities for future collaboration on PIDs

Topics:

- Demand for PID Services
- Supply of PID services
- PID integrating services
- EOSC PID Policy compliance assessment



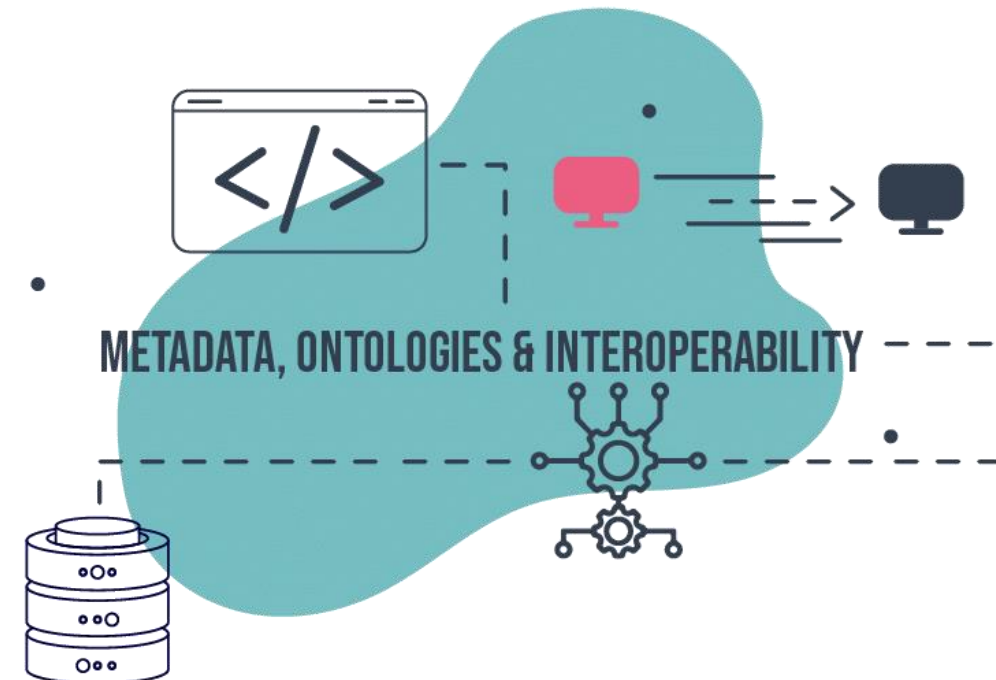
# OA2: Metadata, Ontologies and Interoperability

## Objective

- Integrate and advance on the different developments around semantics in Metadata, Ontologies & Interoperability

## Topics

- Semantic artefacts
- Metadata schema and crosswalks



# OA3: FAIR Assessment and Alignment

## Objective

- Enhance knowledge on FAIR assessment tools, methods and FAIR implementation profiles

## Topics

- Aligning FAIR assessment tools / methods
- Long-term preservation
- FAIR assessment feedback: compliance of tools, services, and digital objects



# OA4: User and Resource Environments

## Objective

- A shared understanding of the current possibilities within different Virtual Research Environments (VREs) developed by HE EOSC-related projects

## Topics

- Building blocks of VREs (Compute, Compute Orchestration, Storage and Data Security and Identity)
- Development and integration of VREs



# OA5: Skills, Training, Rewards, Recognition and Upskilling

## Objective

- Integrate and emphasize Skills, Training, Rewards, Recognition, and Upskilling within the EOSC framework

## Topics

- TF Joint Paper, FAIR by Design Methodology, Research Assessment
- Competence Centers, Training Catalogues, Infrastructure and Networks



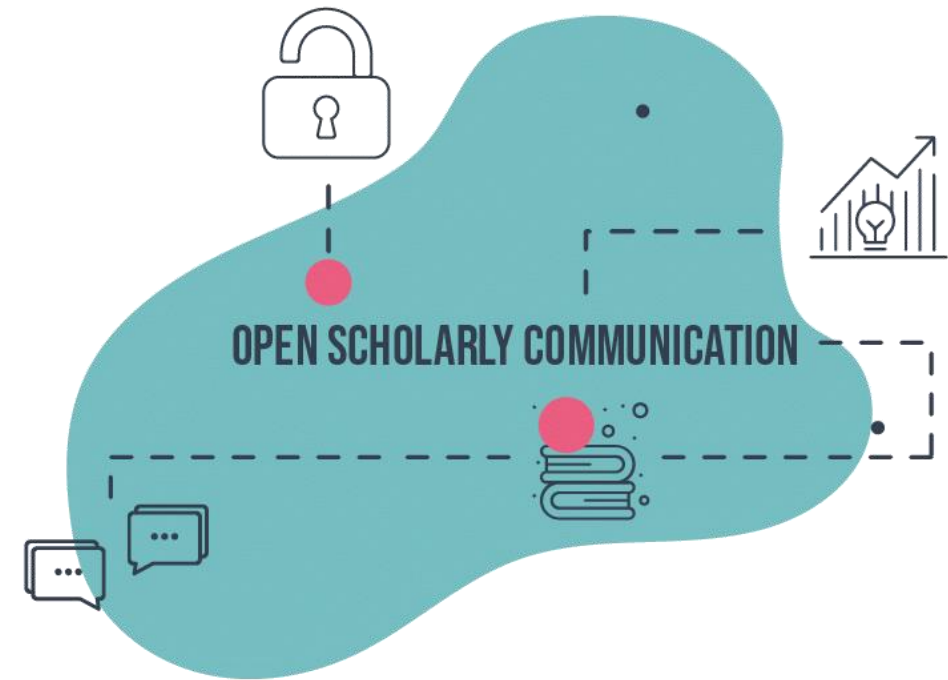
## OA6: Open Scholarly Communication

### Objective

- Identify gaps, foster collaborations, and set strategic directions for Open Scholarly Communication

### Topics

- Interoperability and interconnectivity in publishing
- Interplay between data management and scholarly publishing
- Diamond OA model



# Sustainable Pathways to Impact

## Objective

- Refine an impact assessment methodology for HE EOSC-related projects

## Topics

- Sustainability Planning and Impact Assessment (EOSC Partnership, Research Infrastructures)
- Intellectual Property Rights
- EC's Expectations and Recommendations





# With the valuable contribution

## EOSC-A Board of Directors

eosc | AqualNFRA

eosc | Blue-Cloud2026

eosc | cancer

eosc | EuroScienceGateway

eosc | FAIRCORE4EOSC

eosc | FAIR-EASE

eosc | FAIR-IMPACT

eosc | Focus

eosc | RAISE

AI4 | eosc

Skills4eosc

Scilake

BY-COVID



StRESFRI<sub>3</sub>



eosc | Data Stewardship Curricula and Career Paths Task Force

eosc | Upskilling Countries to Engage in EOSC Task Force

eosc | Technical Interoperability of Data and Services Task Force

eosc | Researcher Engagement and Adoption Task Force

eosc | Semantic Interoperability Task Force

eosc | PID Policy and Implementation Task Force

eosc | Research Careers, Recognition and Credit Task Force

eosc | FAIR Metrics and Data Quality Task Force

eosc | Financial Sustainability Task Force

eosc | Rules of Participation Compliance Monitoring Task Force

eosc | AAI Architecture Task Force

eosc | Long-term Data Preservation Task Force

eosc | Infrastructures for Quality Research Software Task Force