eosc | FAIR-IMPACT
Expanding FAIR solutions across EOSC

FAIR-IMPACT Synchronisation Force Workshop Series 2024

Sustainability of Project Outputs

30 September 2024

Chair: Ingrid Dillo
Rapporteur: Maaike Verburg

Funded by the European Union

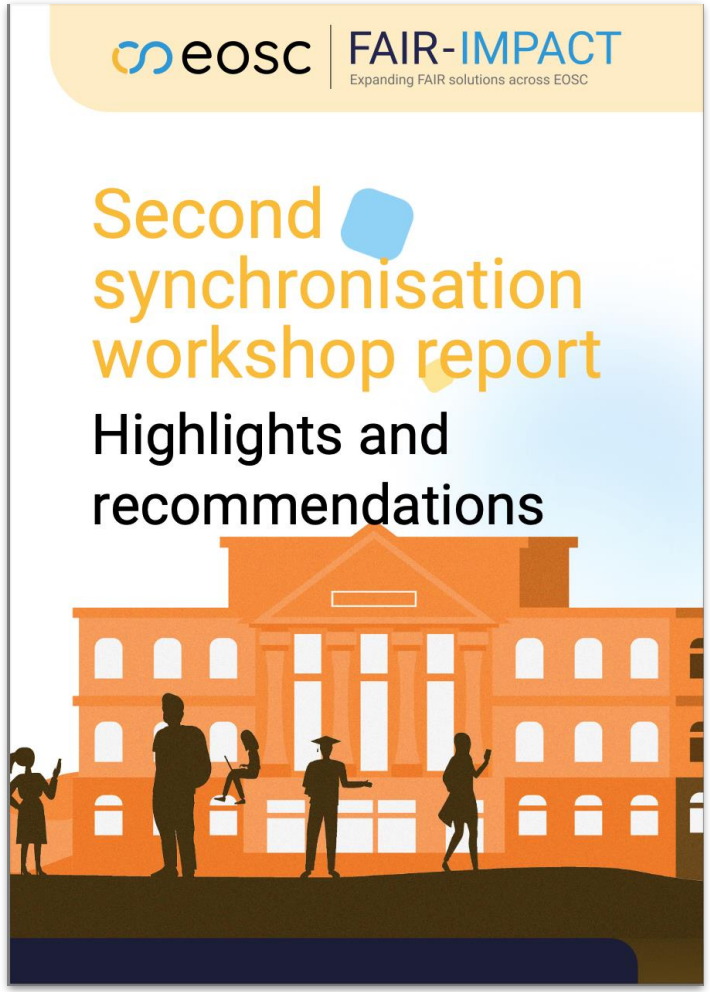
Structure of the workshop series 2024

Date	Session Topic	Chair & Rapporteur
26 September 10.00-11.30 CET	**Metrics and assessing FAIRness**	Chair: Mike Priddy, DANS Rapporteur: Maaike Verburg, DANS
30 September 13.00-14.30 CET	**Sustainability of project outputs**	Chair: Ingrid Dillo, DANS Rapporteur: Marita Everhardt, DANS
1 October 10.00-11.30 CET	**Persistent Identifiers**	Chair: Josefine Nordling, CSC Rapporteur: Liisa Marjamaa-Mankinen, CSC
3 October 10.00-11.30 CET	**Legal & organisational interoperability**	Chair: Anne Sofie Fink, DeiC Rapporteur: Olivier Rouchon, CNRS
3 October 14.00-15.30 CET	**Trustworthy and FAIR-enabling repositories**	Chair: Laurence Horton, DCC Rapporteur: Maaike Verburg, DANS and Daniel Turner, DCC
8 October 14.00-15.30 CET	**Metadata, semantics and interoperability**	Chair: Esteban Gonzalez, UPM Rapporteur: Nina Grau, INRAE and Anne Sofie Fink, DeiC
7 November 10.00-11.30 CET	**Plenary discussion session**	

Session information

- The session will be recorded but only for internal use for the rapporteur and the report writing.
- Shared **spreadsheet** and **note taking document** for use in the session (and afterwards).
  - In the spreadsheet please keep information factual, short and **include links wherever possible**
  - Please be careful when editing spreadsheet cells
  - Please refrain from editing other people's information - even typos.
  - In the note taking document you may add more detail and background.
  - You may wish to add more information later, spreadsheet & note taking document will be available until **November 7th**

The results from the Synchronisation Force Sessions



- A milestone report from 2024 workshop should be available end of December this year
- A white paper, covering all three FAIR-IMPACT workshop series, will be published March 2025

https://zenodo.org/records/11082238

Structure of the session

- 13:00 - 13:10 | **Introduction**
- 13:10 - 13:40 | **Conversation starters**:
  - Blagovesta Cholova (*FAIR-IMPACT project officer*)
  - Kathrin Winkler (*European Commission*)
  - Ilaria Nardello (*EOSC-A*)
- 13:40 - 13:50 | **Q&A** (with conversation starters)
- 13:50 - 14:25 | **Discussion** of survey questions
- 14:25 - 14:30 | **Wrap-up**

Blagovesta Cholova

Conversation starter

SYNCHRONISATION FORCE WORKSHOP SERIES 2024

Sustainability Session

30 Septembre 2024

Blagovesta CHOLOVA
European Research Executive Agency

What is project sustainability?

"A project is sustainable when it continues to deliver benefits to the project beneficiaries and/or other constituencies for an extended period after the Commission's financial assistance has been terminated"

European Commission Directorate-General Education and Culture , "Sustainability of international cooperation projects in the field of higher education and vocational training - Handbook on Sustainability"

Sustainability: main types

I. Sustainability of project results/outcomes

II. Sustainability of newly established communities/practices

III. Policy impact

European Commission

FAIR-IMPACT : expected outcomes& KIPs

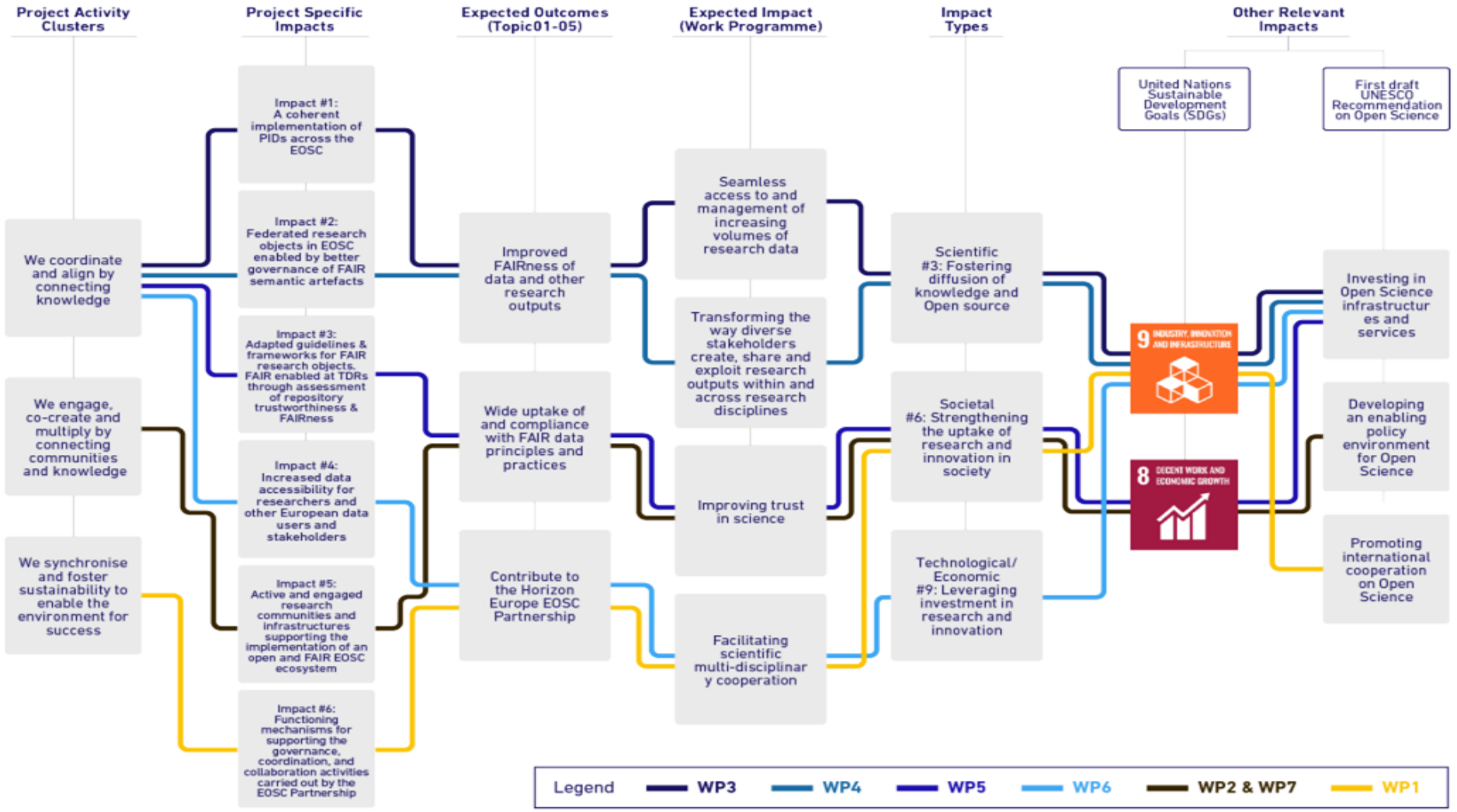


Figure 5: FAIR-IMPACT Key Impact Pathways (left to right)

European Commission

Sustainability of FAIR-IMPACT project

Outcomes: increased FAIR-ness of research data; useful guidelines and best practices

Practices: uptake and compliance with FAIR principles by wider communities; adoption of standards

Policy: contribution to EOSC SRIA actions, ERS Action, R&I impact

European Commission

FAIR-IMPACT legacy

- Addressing remaining challenges : PIDs, interoperability etc.
- Linking research disciplines/communities with common standards/ practices
- Contribution to EOSC: present and future
- Building an Open science, FAIR culture among research communities

European Commission

Thank you

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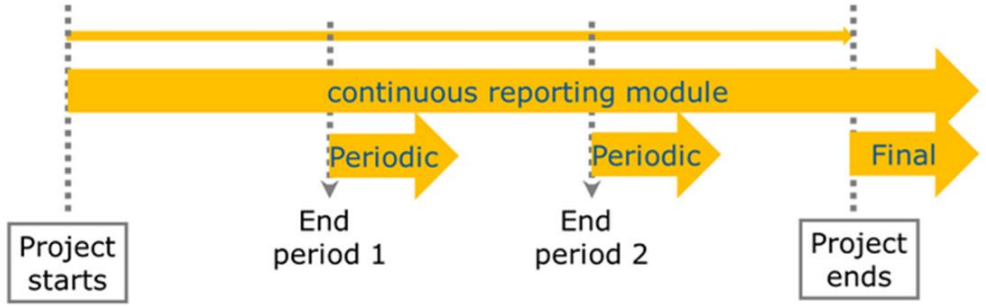
European Commission

Kathrin Winkler

Conversation starter

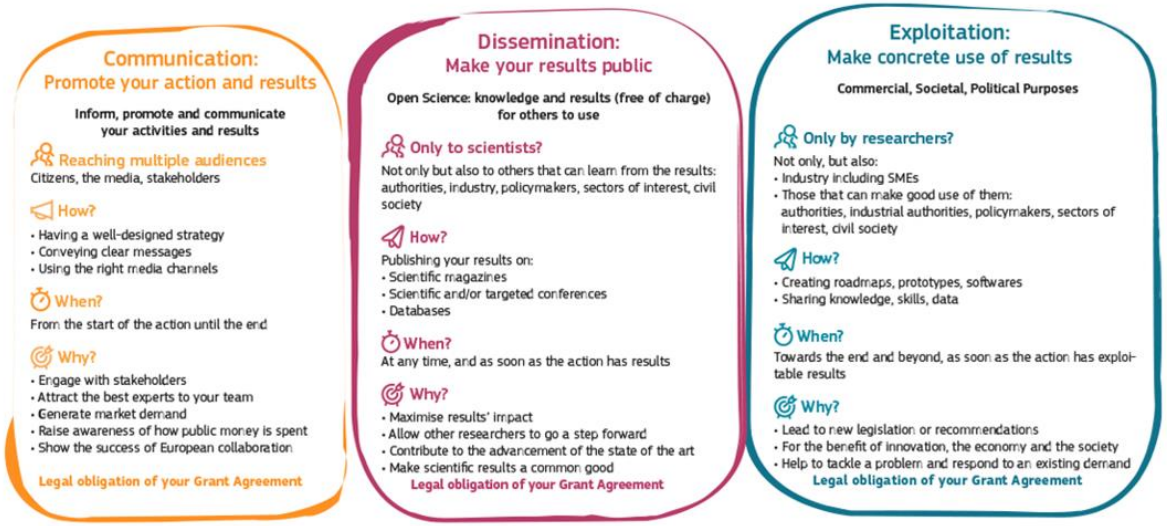
Supporting and guiding the project management

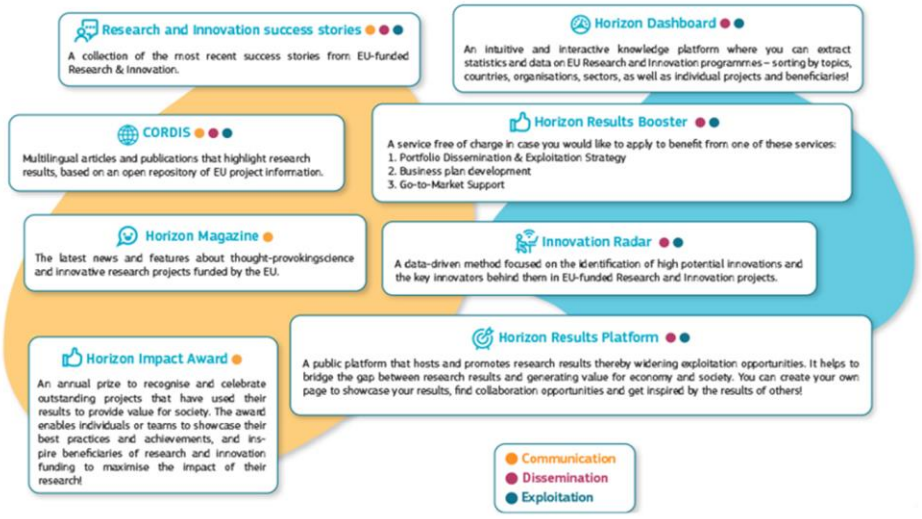


Through reporting rules and guidelines

Through guidance on communication, dissemination and exploitation

Through Free-of-charge EC communication tools





Incentivizing sustainability measures at the proposal stage

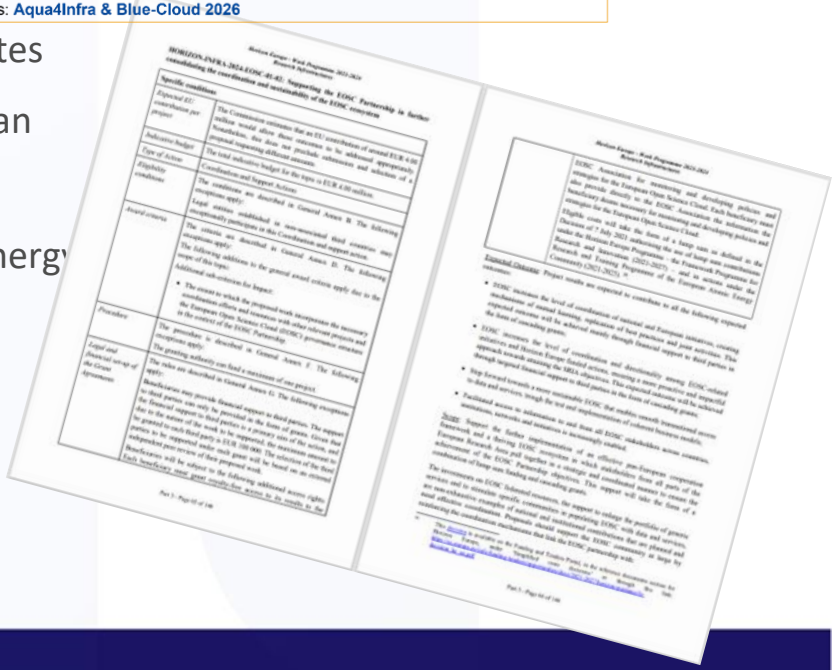
General requirements for INFRAEOSC-calls:

- Enhance synergies within the EOSC ecosystem
- Strengthen collaboration
- Interact with stakeholders / multipliers etc.
- Capitalize from previously funded projects
- **Additional sub-criterion for Impact:** The extent to which the proposed work incorporates the necessary coordination efforts and resources with other relevant projects and the European Open Science Cloud (EOSC) governance structure in the context of the EOSC Partnership.
- Link with EOSC infrastructures and mainstreaming Open Science and FAIR data practices in synergy with the EOSC European Partnership
- Sustainability measures to be outlined

HORIZON-INFRA-2024-EOSC-01-01:
FAIR and open data sharing in support of the mission adaptation to climate change

TYPE OF ACTION	INDICATIVE BUDGET	OTHER CONDITIONS	TIMING
• Research and Innovation Action (RIA)	• EUR 16 million • Expected EU contribution per project: EUR 6-8 million	• Indicative number of projects expected to be funded: 2	• Call opening: 6 December 2023 • Deadline: 12 March 2024

2021: FAIR and open data sharing in support of cancer research – **EOSC4Cancer**
2022: FAIR and open data sharing in support of healthy oceans, seas, coastal and inland waters: **Aqua4Infra & Blue-Cloud 2026**

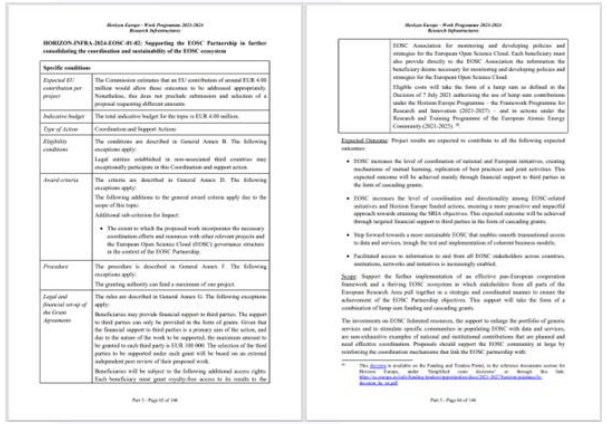


Dedicated support of coordination actions

HORIZON-INFRA-2021-EOSC-01-02: EOSC-FOCUS

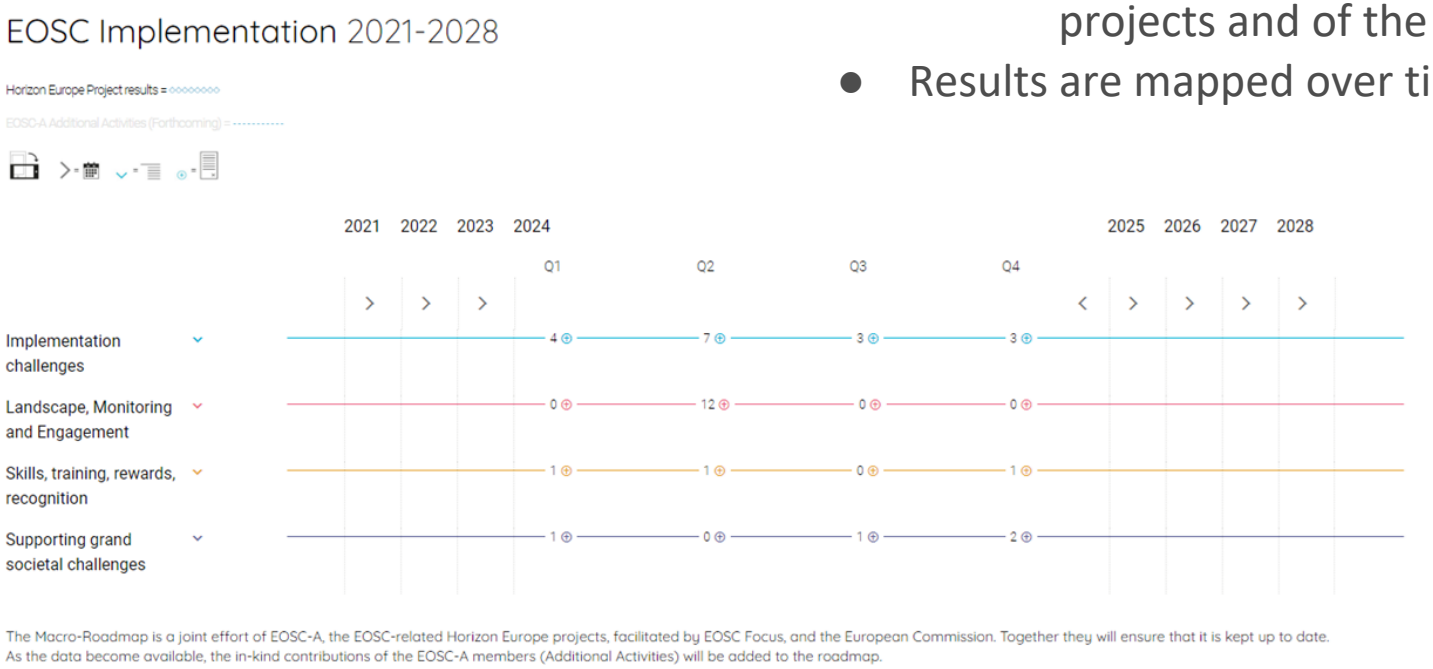
HORIZON-INFRA-2024-EOSC-01-02:

- Support the further implementation of an effective pan-European cooperation framework and a thriving EOSC ecosystem
- Support the EOSC community at large by reinforcing the coordination mechanisms that link the EOSC partnership with the Member States and the network of providers and users' representatives
- **Support coordination and synergies between activities by the EOSC Association and its members, initiatives and EU-funded projects**
- **Strengthen collaboration and alignment within the portfolio of EU-funded projects, activities conducted by the EOSC Association and its members and other initiatives contributing to the objectives of the EOSC SRIA.**



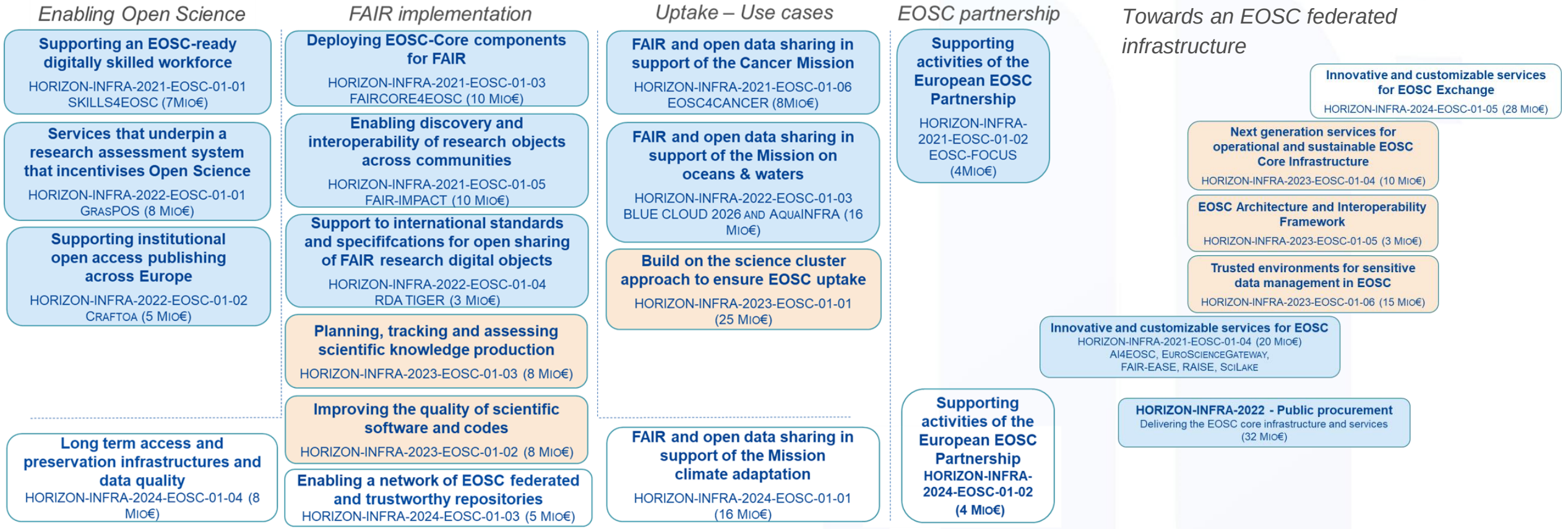
EOSC implementation macro-roadmap

- An initiative of the EOSC Partnership, implemented by 'EOSC Focus'
- The aim is to show the contribution of the Partnership's investments to delivering the EOSC Strategic R&I Agenda
- Interactive online tool, bringing together the results of EOSC-related Horizon projects and of the in-kind contributions of EOSC Association members.
- Results are mapped over time and categorized according to contribution to the Strategic R&I Agenda
- Continuously updated



eosc.eu/roadmap

Designing the funding actions based on strategic considerations: EOSC SRIA & Multi-annual roadmaps



Cascading funds to increase efficiency, directionality and sustainability

In general, an instrument to simplify granting procedures and increase autonomy in distributing related funds with the aim to increase benefit and purposeful provide funds

INFRAEOSC:

- To support additional collaborative activities amongst EU-funded projects and the EOSC Association (HORIZON-INFRA-2024-EOSC-01-02)
- Build strategic and operational synergies within and beyond the EOSC ecosystem
- Develop and demonstrate through cascading grants concrete scientific benefits of open science and FAIR practices through cross-disciplinary use cases (HORIZON-INFRA-2024-EOSC-01-03)

FAIR-enabling measures towards sustainability

EU Open Research Repository

HORIZON-ZEN grant: Enhancing Zenodo with FAIR-enabling capabilities (Horizon-Zen grant: https://about.zenodo.org/projects/horizon-zen/)

- Enhanced Zenodo-community for the EC's research programme beneficiaries (e.g. Horizon Europe)
- FAIR principles enablers: depositing services for digital research objects that are FAIR-enabling and compliant with Horizon Europe requirements
- A data curation framework for the EC-branded Zenodo-community
- Lead by example by showcasing best practices for how scientific repositories can support the implementation of the FAIR data principles

Open community-driven methodology: help shaping Zenodo!

- The early adopters are involved in the design process and provide feedback on concepts developed
- For some early adopters, Zenodo will be extended to support domain-specificity of the project's domain.

EU Open Research Repository (Pilot) (cern.ch)

Enhancing sustainability through the EOSC Partnership and Tripartite Governance

- Networking activities, e.g. coordination meetings of EOSC related projects
- Workshops, conferences, winter schools
- Vademecum of coordination actions by the EOSC Association
- EOSC – branding and outreach activities
- Governance measures:
  - Inclusion of research results into the forming federation (EOSC EU Node, national/regional nodes, thematic nodes, institutional, etc.)
  - Anchoring the research community (projects, clusters, …) in the EOSC governance

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Ilaria Nardello

Conversation starter

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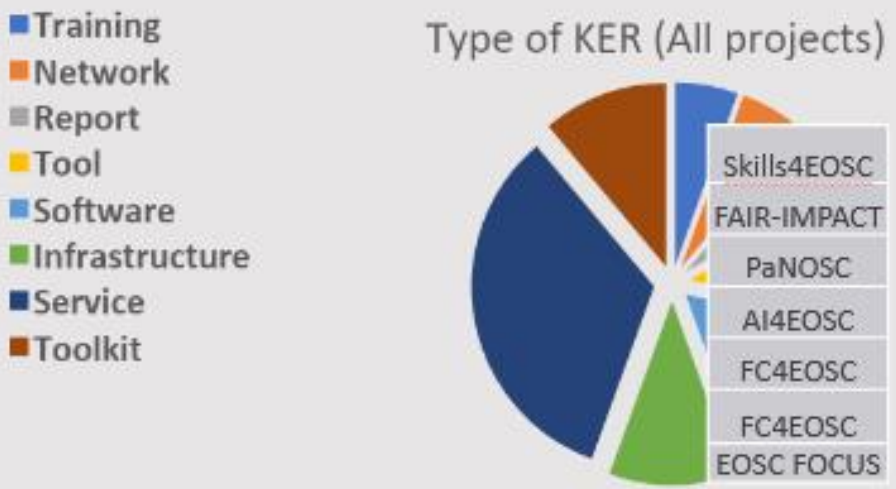
The HE Project Impact WG

Sustainability of project outputs

30 | 09 | 2024 on line
Synchronisation Force workshop series, 2024

SEP I

- On line questionnaire pilot



- Lesson learned:
  SEP analysis needs automation

SEP (II-III) - WinterSchool 2025

In the next steps, we would like to move towards a more guiding and practical process to adopt the methodology.

- First, by applying the methodology to a few real cases, contextualizing better the methodology steps and application rules.
- Second, by turning the method into a canvas based, visual design oriented one.
- Third, introducing the automation to simplify the adoption of it.

EC/REA meeting with HE projects (2024) - Takeaways

BS 5.3 Session

- Planning and implementing the exploitation of project results is mandatory (G.A.: Art.16) ;
- The sustainable exploitation planning of the results should start early during the project lifetime and involve all the partners
- The use of the SEP planning tool is useful Collaboration among projects is essential to make results exploitable and potentially sustainable;
- The EOSC federation has an crucial role for the HE INFRAEOSC projects' sustainability pathways
- An 'EOSC quality certification' or an 'endorsement' of the project's results is key to the KER exploitability;
- Uncertainty around the EOSC governance and EOSC participation rules may drive the projects towards alternative pathways for the exploitation of their solutions;
- The establishment of a process is required, to involve all the projects in the definition of an interoperability framework that maximise connections, and facilitates the exploitation and the sustainability of the project results.

Events and Process for supporting KER sustainability

- SEP Application
- **Establishment of a process to involve all the projects in the definition of an interoperability framework**
- Bringing specific issues at the EOSC WinterSchool 2025
- Brokerage events

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Biennial KPI survey for EOSC Partnership

01 October 2024 - 20 October 2024 (23:59 CEST)

https://ec.europa.eu/eusurvey/runner/eoscmf2024

Q&A

Conversation starters

DISCUSSION

Join at menti.com | use code 2569 8499

Question 1: implementation

What does your project or initiative do to **secure** the sustainability of outcomes?

Question 2: challenges

What are the main **challenges** (if any) you are faced with in planning for the exploitation of outputs after the end of a project?

Question 3: needs

What do you **need** from the EOSC-A and/or other relevant stakeholders to ensure the long-term usability of project outputs?

Thank you!

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Expanding FAIR solutions across EOSC

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