Deliverable 7.1

Plan for Dissemination and Exploitation Including Communication Activities

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Deliverable Abstract

FAIRCORE4EOSC will deliver nine EOSC-Core components in support of a FAIR research life cycle, bridging the gaps identified in the EOSC SRIA. Five user-centric case studies will drive the development and testing of the new components in a range of different communities.

This deliverable explores the FAIRCORE4EOSC Dissemination, Exploitation and Communication strategy aimed at raising awareness of the new EOSC-Core components and stimulating their uptake through the engagement of relevant stakeholders from the early stage of the development.

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TERMINOLOGY

Terminology/Acronym	Definition
DEC	Dissemination, Exploitation and Communication
EC	The European Commission
EOSC	European Open Science Cloud
EOSC-A	EOSC Association
FAIR	Findable, Accessible, Interoperable, Reusable
FAIR-IMPACT SF	FAIR-IMPACT Synchronisation Force
FC4E	FAIRCORE4EOSC
KER	Key Exploitable Results
MVE	Minimum Viable EOSC
SRIA	Strategic Research and Innovation Agenda
TBT	Technical Bridging Team
TSG	Technical Steering Group

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Executive Summary

FAIRCORE4EOSC will deliver nine EOSC-Core components in support of a FAIR research life cycle, bridging the gaps identified in the EOSC Strategic Research and Innovation Agenda (SRIA). Five user-centric case studies will drive the development and testing of the new components in a range of different communities.

FAIRCORE4EOSC will design and implement a coordinated Dissemination, Exploitation and Communication (DEC) strategy running throughout the lifetime of the project, in order to raise awareness of the new EOSC-Core components and stimulate their uptake through the engagement of relevant stakeholders from the early stage of the development.

This deliverable presents an overview of the key objectives for FAIRCORE4EOSC WP7 concerning dissemination, outreach and exploitation (Section 2), as well as the ecosystem in which the project operates and its main stakeholders (Section 3). Section 4 provides more details about the key pillars – namely the components and case studies – which are at the centre of all DEC activities.

Sections 5 describes the strategy and methodology for dissemination, direct interaction and stakeholder onboarding, including workshops, consultations, and the collaboration with the FAIR-IMPACT project.

Communication channels. activities and events are then explained more in detail in Section 6, also featuring early achievements and best practices, such as the collaboration with the EOSC Association in the implementation of the new official EOSC coordinated visual identity.

An initial stage-setting for exploitation activities is carried out in Section 7, allowing for an early look at the future phases of the project, while Section 8 includes information about KPIs and monitoring for DEC activities.

FAIRCORE4EOSC is part of the first wave of EOSC-related Horizon Europe project launched in 2022. This aspect puts the project at the forefront of many new activities and processes, both in coordination with the EOSC Association and with the other EOSC-related projects.

1   Introduction

The European Open Science Cloud (EOSC) aims at establishing a Web of FAIR data and related services that will enable and enhance seamless access to and reliable re-use of FAIR research outputs such as data, publications, software and more.

One of the priorities highlighted in the EOSC Strategic Research and Innovation Agenda (SRIA)[1] is the establishment of **a Minimum Viable EOSC (MVE)**, featuring the core components and functions to enable EOSC to operate. The development of the EOSC-Core was initiated in the Horizon 2020 calls which have delivered a rich palette of use cases, demonstrations, data, services and tools. However, there are still many challenges in the scholarly ecosystem that can be addressed by different EOSC projects.

The brand new FAIRCORE4EOSC project (FC4E) - launched in June 2022 - will deliver nine EOSC-Core components[2] in support of a FAIR research life cycle, bridging the gaps identified in the EOSC SRIA. More specifically, the components will enable an EOSC PID infrastructure, an EOSC research software infrastructure, support for sharing and access to metadata schemas and crosswalks and offer advanced research-intent driven discovery services over all EOSC repositories.

The nine FAIRCORE4EOSC components will be crucial in supporting the FAIR research life cycle. Five user-centric case studies[3] will drive the development and testing of the new components in different communities.

The selected case studies share similar challenges that are common to many other stakeholder groups, the co-design methodology will ensure the FAIRCORE4EOSC components are tailored to actual user needs. User stories and best practices drawn by the case studies will be used to foster uptake of the new components beyond the project partners.

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[1] SRIA https://www.eosc.eu/sria [accessed 16.10.2022]
[2] Nine new EOSC-Core components https://faircore4eosc.eu/eosc-core-components [accessed 16.10.2022]
[3] Five FAIRCORE4EOSC case studies https://faircore4eosc.eu/case-studies [accessed 16.10.2022]

2 Communication, Engagement & Dissemination Objectives

FAIRCORE4EOSC will design and implement a coordinated communication and dissemination strategy running throughout the lifetime of the project. The main objective will be to create awareness of the new EOSC-Core components developed by the project and stimulate their uptake through the engagement of relevant stakeholders from the early stage of the development. Secondly, the communication and dissemination strategy developed and executed by WP7 "Early Adoption, Dissemination, Outreach and Exploitation", in particular under Task 7.3 "Stakeholder Engagement, Communication and Outreach", will be crucial to position the FAIRCORE4EOSC project in the EOSC ecosystem, ensuring that its results represent a key contribution to the EOSC Co-programmed Partnership and EOSC future developments. To guarantee an efficient strategy, a multichannel approach will be developed around the following strategic elements:

- The definition of the main technical assets of FAIRCORE4EOSC, mainly: the new EOSC-Core components;
- The best practices and user stories drawn from the case studies and demonstrators;
- The engagement of target stakeholder groups;
- The usage of complementary communication channels and marketing materials to outreach to new relevant stakeholders.

The Communication and Dissemination plan defines the campaigns that will run throughout the project to disseminate its key assets, and the channels employed (Sections 5 and 6).

The plan will be continuously updated during the project. Chapter 3 outlines the FC4E target stakeholders and summarises the main communication and dissemination measures that will be carried out.

3 The FAIRCORE4EOSC landscape

3.1 EOSC ecosystem

The EOSC ecosystem has experienced constant growth over the past few years, with a number of projects funded under Horizon 2020 which have left a considerable legacy in terms of solutions, catalogues, networks, and best practices[4].
EOSC has been granted special status as a co-programmed European Partnership in the context of Horizon Europe, and the EOSC Association (EOSC-A)[5] has emerged as a key actor in the coordination of the wider ecosystem, as well as in the practical development and implementation of EOSC. The FAIRCORE4EOSC project will have a significant role in this ecosystem by implementing nine core components following relevant recommendations included in the EOSC SRIA.

3.2 FAIRCORE4EOSC Stakeholders

As one of the first EOSC-related projects funded in Horizon Europe, FC4E is aware of the critical role in terms of bringing together the different actors in the EOSC ecosystem – especially those working on the technical implementation – and in terms of reaching out to new research communities which are not familiar with EOSC yet.
This awareness is reflected in the list of main FAIRCORE4EOSC stakeholders.
- EOSC tripartite collaboration [6]
  - The EOSC-A, the European Commission (EC), and EOSC Steering Board are key targets for engagement and consultation to ensure the strategic alignment of the project with the EOSC strategy and future evolution.
  - FC4E partners also have a direct presence in several key EOSC-A Task Forces: Technical Interoperability of Data and Services TF; PID Policy and Implementation TF; Infrastructure

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[4] https://www.eosc.eu/news/results-horizon-2020-eosc-related-projects
[5] https://www.eosc.eu/association
[6] https://www.eosc.eu/tripartite-collaboration

for Quality Research Software; FAIR Metrics and Data Quality TF; Semantic Interoperability TF; Long-Term Data Preservation TF; AAI Architecture TF; Rules of Participation Compliance Monitoring TF; Defining Funding Models for EOSC TF; Researcher Engagement and Adoption TF. This rich representation ensures that the project views and outcomes are reflected in and aligned with the EOSC priorities.

- EOSC-related projects
  - FC4E has already established synergies with some of the most relevant EOSC-related projects. These mainly include the sister project FAIR-IMPACT[7] (with which we have even co-located the kick-off meetings in June 2022) and EOSC Future[8]. FC4E also interacts with all the new INFRAEOSC projects funded in Horizon Europe, including AI4EOSC[9], EOSC4Cancer[10], FAIR-EASE[11], Skills4EOSC, WorldFAIR[12]. Other key initiatives which are still ongoing are the H2020 INFRAEOSC-07 projects[13] (DICE, EGI ACE, OpenAIRE Nexus, C-SCALE, RELIANCE), the INFRAEOSC-05b regional projects[14] (EOSC-Nordic, EOSC-Pillar, EOSC-Synergy, NI4OS-Europe), cluster projects[15] (ENVRI-FAIR, EOSC-Life, ESCAPE, PaNOSC, SSHOC).
- Expert groups
  - In addition to EOSC-related projects, other initiatives and expert groups might be relevant for strategic alignment and consultation and they are targeted for engagement and outreach activities. This group includes key actors such as the Research Data Alliance (RDA), GO FAIR, Semantic Mapping Framework (SEMAF), FAIR Digital Objects Forum, euroCRIS, as well as national Open Science initiatives e.g., ICDI, NFDI.
- EOSC users and resource providers
  - End-users and resource providers are fundamental targets for dissemination of the FC4E results. They are engaged via a range of different activities: requirements gathering and validation of results including interviews, workshops and open consultation; dissemination of case study results/demonstrators; user documentation; events, webinars, conferences.

4 Key Assets for dissemination

4.1 FAIRCORE4EOSC Components

FC4E will develop a set of nine EOSC-Core components necessary to enable a FAIRer EOSC ecosystem, improving the discoverability and interoperability of research outputs. Icons were created for each component, to be used on the website and across project communication activities.

- EOSC Research Discovery Graph (RDGraph) - Deliver advanced discovery tools across EOSC resources and communities.
- EOSC PID Graph (PIDGraph) - Improve the way of interlinking research entities across domains and data sources on the basis of PIDs.
- EOSC Metadata Schema and Crosswalk Registry (MSCR) - Support publishing, discovery and access of metadata schemas and provide functions to operationalise metadata conversions by combining crosswalks.
- EOSC Data Type Registry (DTR) - Provide user friendly APIs for metadata imports and access to different data types and metadata mappings.

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[7] https://fair-impact.eu/
[8] https://eoscfuture.eu/
[9] https://ai4eosc.eu/
[10] https://eosc4cancer.eu/
[11] https://fairease.eu/
[12] https://worldfair-project.eu/
[13] https://eosc-portal.eu/5-infraeosc-07-2020-projects
[14] https://eosc-portal.eu/eosc-regional-projects
[15] https://eosc-portal.eu/esfri-thematic-cluster-projects

- EOSC PID Meta Resolver (PIDMR) - Offer users a single PID resolving API in which any kind of PID can be resolved through a single, scalable PID resolving infrastructure.
- EOSC Compliance Assessment Toolkit (CAT) - Support the EOSC PID policy compliance and implementation.
- EOSC Research Activity Identifier Service (RAiD) - Mint PIDs for research projects, allowing to manage and track project related activities.
- EOSC Research Software APIs and Connectors (RSAC) - Ensure the long-term preservation of research software in different disciplines.
- EOSC Software Heritage Mirror (SWHM) - Equip EOSC with a mirror of the Software Heritage universal source code archive.

A more detailed overview of the components will be found in D1.3 FAIRCORE4EOSC Components Beta Release Report, and in the following deliverables on specific components.

4.2 FAIRCORE4EOSC Case Studies

The nine EOSC-Core components will be developed and tested within five thematic case studies to make sure that they align with actual user needs and can also contribute to further improving the experience and effectiveness of the EOSC ecosystem.

- Climate Change
- EOSC Service Providers & Research Data Management Communities
- European Integration of National-level Services
- Mathematics
- Social Sciences & Humanities

These case studies share challenges with many other stakeholder groups. User stories and best practices drawn by the case studies will be used to foster uptake of the new components beyond the project partners. A complete report on the case studies will be available in D7.2 Report on the Release of Case Studies.

5 Strategy and methodology

5.1 Timeline

Dissemination, Exploitation and Communication (DEC) activities will accompany the project timeline, as shown in Figure 1 below, implementing specific actions based on the project phase in order to maximise outreach and impact on target segments.

- Phase 1: Technical specifications (Jun 2022-Jan 2023)
- Phase 2: Beta release (Feb 2023-Nov 2023)
- Phase 3: Cross-integration & Case studies beta release (Dec 2023-Mar 2024)
- Phase 4: Production release & final documentation (Apr 2024-Mar 2025)
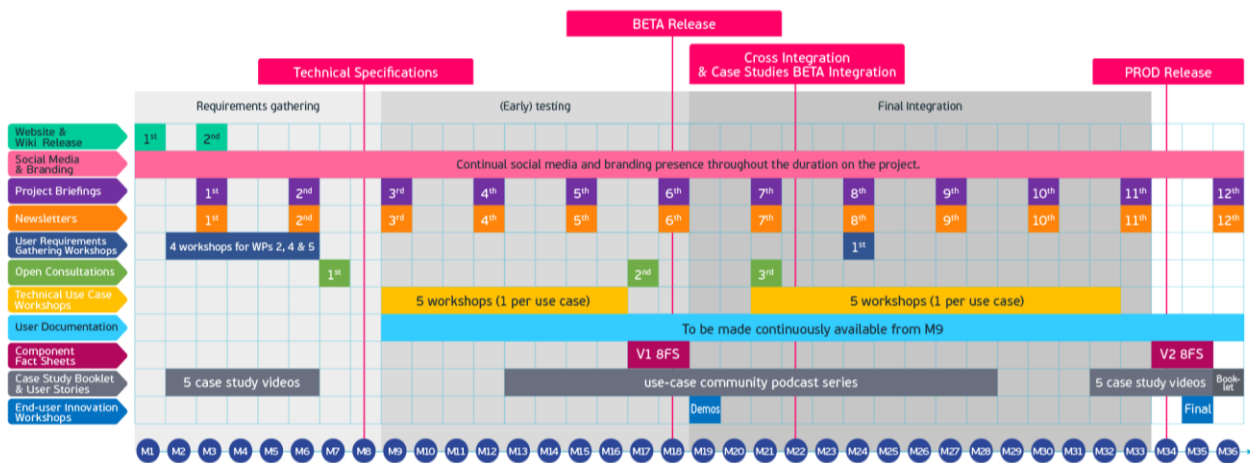- Wrap up and promotion of key exploitable results (Apr-May 2025)

Figure 1: Timeline of main FAIRCORE4EOSC DEC activities

5.2 Campaigns

This DEC plan is driven by a strategy coordinating information, communication, and marketing activities to be targeted at the different stakeholder types, which are more relevant in specific phases. The strategy will maximise impact by focusing efforts along **four key dissemination and engagement campaigns:**

- **Campaign 1 M1-M36: Communication of general FAIRCORE4EOSC activities** – Particularly relevant in the first phase of the project to raise awareness of the project's objectives and its benefits for the wider research community. This is done through the website, articles, social media, newsletters, events, and multimedia content.
  - **Main target**: Wider Open Science community
- **Campaign 2 M9-M36: Dissemination of EOSC-Core components** – This campaign focusses on the 9 components, and it will involve user documentation, consultations, factsheets, especially accompanying the two releases envisioned for M18 (beta) and M34 (production).
  - **Main target**: Resource providers and users in EOSC
- **Campaign 3 M9-M36: Use cases and community uptake** – Thematic communities are directly involved in the development and testing of the components in WP7. The DEC activities include explanatory videos, a podcast series, workshops, and demonstrations. This campaign is particularly relevant in Years 2 and 3 of the project.
  - **Main target**: EOSC end users
- **Campaign 4 M1-M36: FAIRCORE4EOSC in the EOSC ecosystem** – FC4E will exploit its active role in the first wave of Horizon Europe INFRAEOSC projects to interact and collaborate with other related initiatives, and the actors of the EOSC Co-programmed Partnership itself. This will be done via quarterly Project Briefings, joint events, and through organisms such as the Technical Bridging Team established with FAIR-IMPACT (more details in section 6).
  - **Main target**: EOSC ecosystem

The campaigns also tackle different segments of the envisioned stakeholder journey (Figure 2). DEC activities are developed as parts of the Attract – Convert – Close – Delight – Promote process. This ensures a logical transition from Stranger, someone who is not familiar with the project, to Visitor, someone who interacts with project content, to Lead, a FC4E target stakeholder who has shown interest in what the project does and looks for ways to engage with it, to User/Provider, a stakeholder who has directly responded to FC4E initiatives, provided feedback or practically interacted with the project in a tangible manner, and finally to Promoter, a stakeholder who is so pleased with their interactions with FC4E that they are happy to promote project outputs.

This process ensures an interconnected and efficient communications and engagement ecosystem.
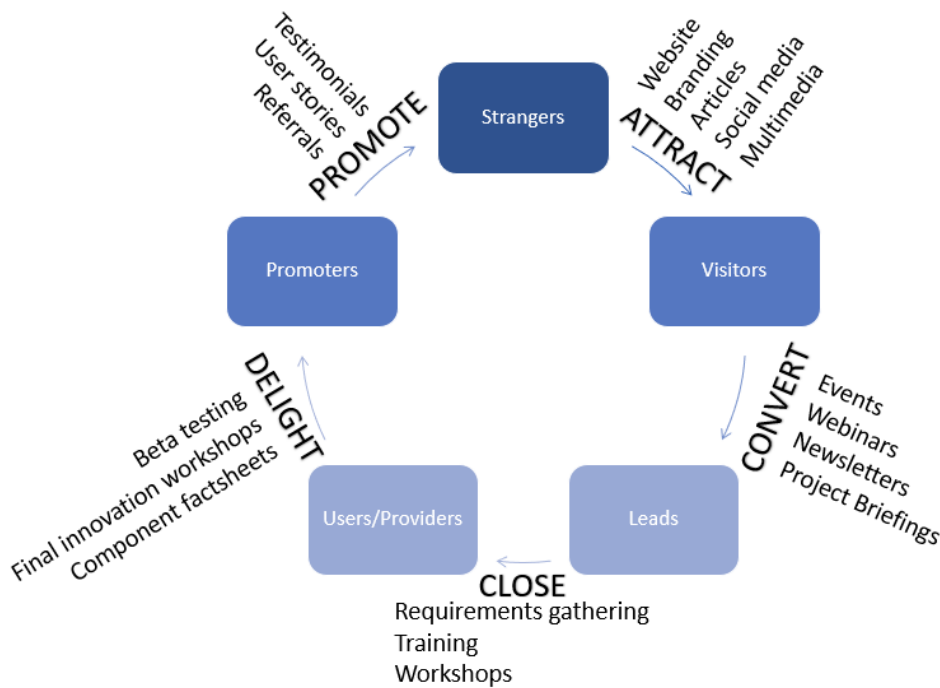
Figure 2: FC4E Stakeholder Journey

6 Communication and Dissemination Plan

The four campaigns described above will make use of specific channels in order to reach out to their target audiences. In this section, we are going to take a closer look at the activities that have already been carried out as of M05 and to the ones that will come in the project lifetime.

Activity	Campaign	Scheduled	Detailed in	Status
Branding and visual identity	Campaign 1	M01	6.1.1	Achieved in M01
Website available	Campaign 1	M03	6.1.2	Achieved in M02
Social media channels online	Campaign 1	M01	6.1.3	Achieved in M01
Social media posting on Twitter and LinkedIn	Campaign 1	2 weekly posts on Twitter 1 weekly post on LinkedIn	6.1.4	Ongoing
First newsletter sent	Campaign 1	M03	6.1.4	Achieved in M04
12 Quarterly newsletters	Campaign 1	On second Thursday every 3 months	6.1.4	Ongoing
Communication kit	Campaign 1	M02	6.1.6	Achieved in M01
2-5 Publications	Campaign 1	M36	6.1.7	To be done
Results on Horizon Results Platform	Campaign 1	M36	6.1.8	To be done
First requirements gathering workshop	Campaign 2	M03	6.2.1	Achieved
6 total requirements gathering workshops	Campaign 2	M36	6.2.1	In progress

9 Components factsheets	Campaign 2	V1 in M18 V2 in M35	6.2.2	To be done
3 Open Consultations	Campaign 2	M08-M18-M22	6.2.3	To be done
1 Case studies booklet	Campaign 3	M36	6.3.2	To be done
Case studies interview videos	Campaign 1 & 3	M06	6.1.5	Achieved
Case study podcast series	Campaign 3	M13-M28	6.3.2	To be done
2nd round of case studies videos	Campaign 3	M32-M35	6.3.2	To be done
12 Project Briefings	Campaign 4	Every three months	6.4.1	In progress
Collaboration with FAIR-IMPACT	Campaign 4	Continuous	6.4.2	Ongoing
12 webinars	Campaign 1	Continuous	6.5.1	Ongoing
30 3rd party events	Campaign 1	Continuous	6.5.3	Ongoing

6.1 Campaign 1 M1-M36: Communication of general FAIRCORE4EOSC activities

6.1.1 Branding and Visual Identity

With the aim of building a strong identity, a branding has been set in place that visually displays the key outputs and activities in the project.

Figure 3: Initial logo for FAIRCORE4EOSC at M0

At M00, a set of templates was developed for partners to start using right at the start of the project, and contribute to the building of a strong visual identity for FAIRCORE4EOSC:

- Logo pack
- PPT template
- Deliverable template

Figure 4: Sample of the FAIRCORE4EOSC branding kit developed at M0 with ppt template, logo pack, deliverable template, social media headers and virtual background

In addition, the first elements for the communication kit were developed and printed for the Kick-Off Meeting in M1 (see section 6.8).

6.1.1.1   New approach in EOSC branding

In the spring of 2022, the EOSC Association promoted a contest to define a new visual identity for EOSC and to welcome the beginning of this new phase, launching the official co-branding guidelines[16] in early September. Over the summer, FAIRCORE4EOSC and its sister project FAIR-IMPACT were the first to implement this new coordinated approach to a common visual identity for EOSC, acting as trailblazers for the whole range of upcoming Horizon Europe EOSC-related initiatives.

Figure 5: Co-branded FAIRCORE4EOSC logo at M4

In the process, FC4E provided feedback and suggestions on how to develop materials and how to implement the new logo style also taking into account the needs of projects, resulting in a consistent approach which will now characterise the current phase.

Templates and communication material (see section 6.8) were rebranded, shared with the consortium and published on the project repositories and website.

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[16] News-Item "New guidelines EOSC family branding" https://www.eosc.eu/news/new-guidelines-eosc-family-branding [accessed 16.10.2022]
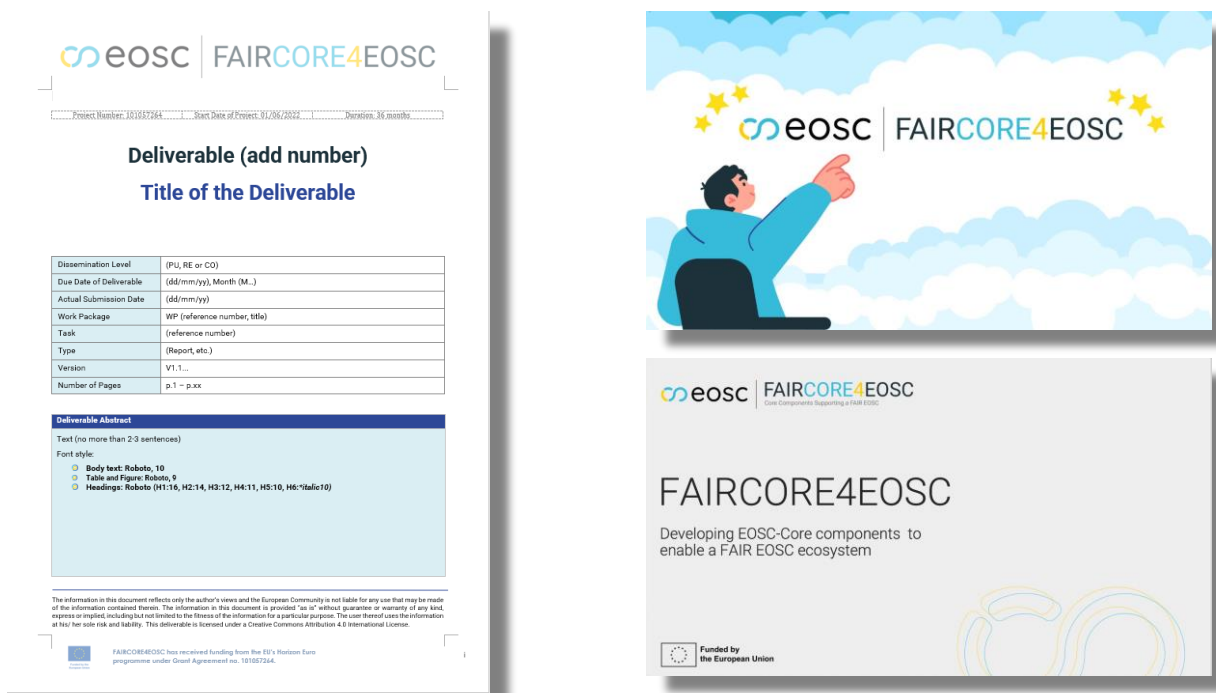
Figure 6: Co-branded templates and branding materials at M4

6.1.2 Website

The faircore4eosc.eu website is the main channel for all public communication and dissemination taking place in FC4E. It is based on the project's key assets, namely EOSC-Core components, case studies and outreach.

Already at the time of writing, visitors can find general descriptions of the components, accompanied by dedicated icons, as well as specific pages for each of the case studies.

Figure 7: Snapshot of FC4E home page

This is a snapshot of the website structure at M05. In 2023, as more material becomes available and the project work progresses, dedicated pages will be created for each of the EOSC-Core components.

FAIRCORE4EOSC has received funding from the EU's Horizon Europe research and innovation programme under Grant Agreement no. 101057264.

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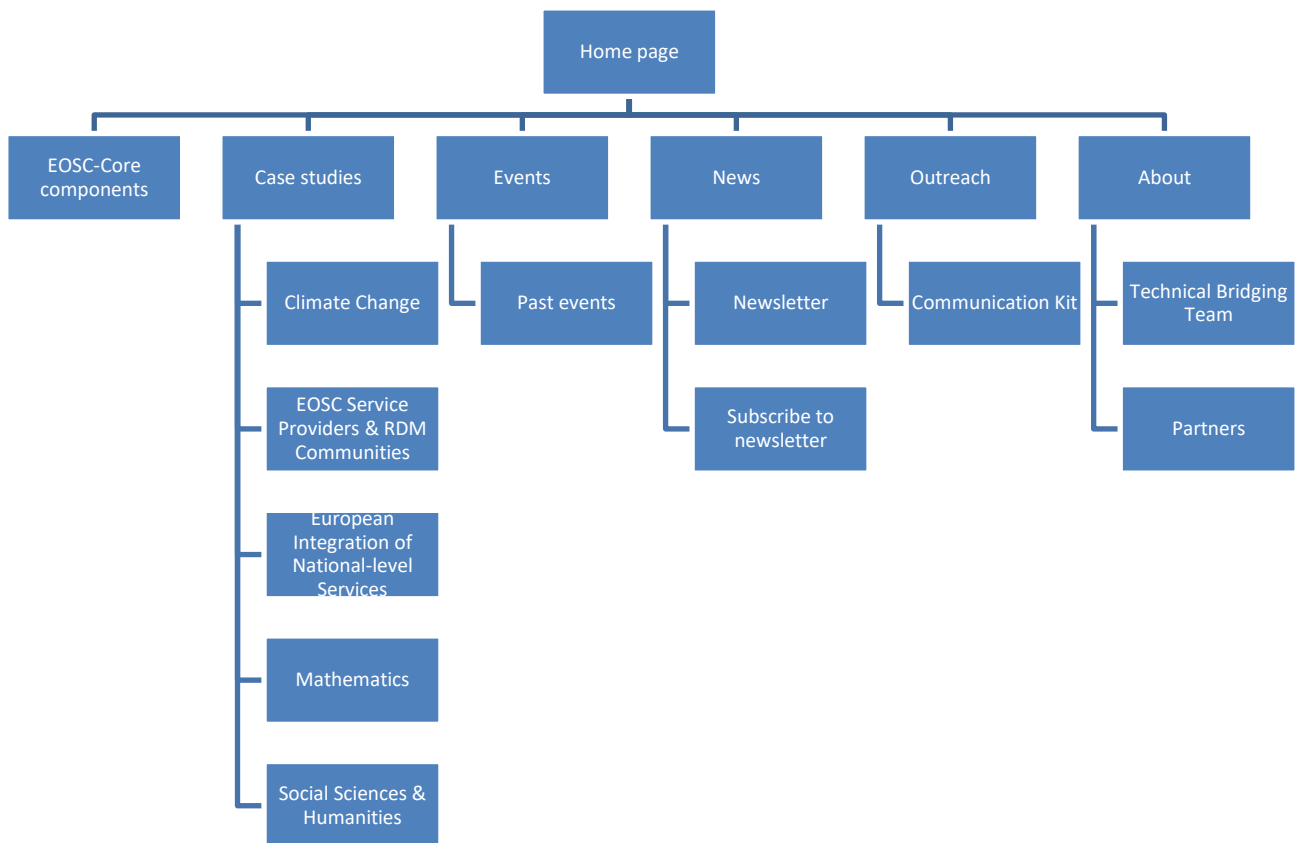
Figure 8: Structure of FC4E website

6.1.3 Social Media Channels

FAIRCORE4EOSC is active on Twitter, LinkedIn and YouTube, providing different gateways for the wider audience to get acquainted and interact with project content and updates.

- Twitter (https://twitter.com/FAIRCORE4EOSC) is the main channel for public updates, used especially to share news, videos, events, content from related initiatives. This channel is the most frequently updated with usually 2 weekly tweets. **Followers as of M05: 291**.
- LinkedIn (https://www.linkedin.com/company/faircore4eosc) provides a more direct link, with the possibility to tag specific partners, guests, profiles, expanding the project visibility among related communities. This is particularly relevant for inviting people at events, or to share news about FAIRCORE4EOSC presence at 3rd party events. This is generally updated with 1 weekly post. **Followers as of M05: 195**.
- YouTube (https://www.youtube.com/channel/UC2z1Ay3fJff12mqDckYz37w) hosts video content produced within the project, also helpful to attract users who are looking for related content and similar topics (more details in 6.5). **Subscribers as of M05: 18**.

FAIRCORE4EOSC has received funding from the EU's Horizon Europe research and innovation programme under Grant Agreement no. 101057264.

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All channels follow the project branding guidelines, ensuring a consistent and up-to-date online presence.

Figure 9: Social media headers

6.1.4   Newsletters

The project newsletter is published quarterly, featuring the most relevant updates for the wider community, complementing the more technical information shared via the project briefings to a more specific audience. The first issue was released in September 2022[17], to 51 recipients with a 47% open rate. As of the first webinar on 14 October, the audience had already more than doubled to 106.

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[17] https://faircore4eosc.eu/newsletters/developing-eosc-core-components-enable-fair-eosc-ecosystem
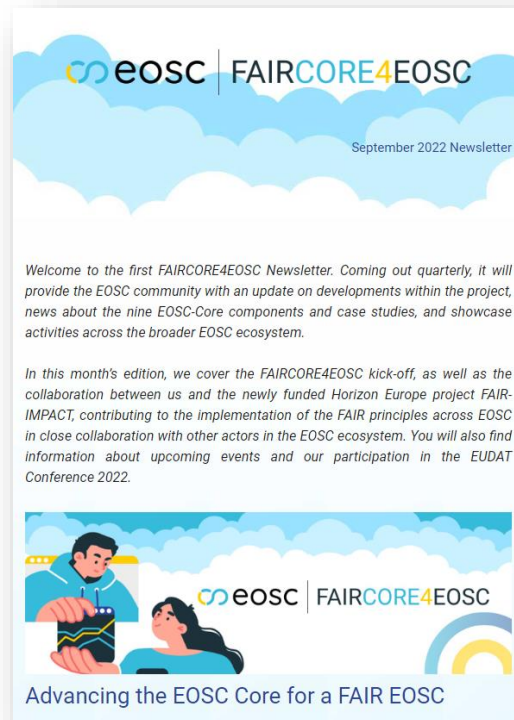
Figure 10: First issue of the newsletter

A dedicated section has been added to the website, collecting previous issues of the newsletter[18] and allowing newcomers to go back and retrieve information about the past. Starting from Issue #2 scheduled for 15 December 2022, the newsletter is expected to go out on the second Thursday every three months.

6.1.5 Videos

Videos are an important part of a project's DEC strategy, as they can provide clearer explanations of technical aspects, provide a more dynamic approach, and can be used across different platforms.

As mentioned in section 6.1.3, FC4E employs YouTube as the main database for video content, easily findable and shareable.

Aside for the joint interviews carried out with FAIR-IMPACT (see section 6.4.2), the project has also produced a series of 5 interviews with case study representatives, which have been published bi-weekly on YouTube and social media channels, starting on 12 September 2022 with Hannes Thiemann, DKRZ, representing the climate change case study[19]. Video interviews are also collected in a YouTube playlist[20], so as to be findable more easily.

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[18] https://faircore4eosc.eu/newsletters
[19] Improving discoverability of climate research with new EOSC-Core components - Hannes Thiemann, DKRZ https://youtu.be/OJDHVdgX0lo
[20] https://youtube.com/playlist?list=PLrjox1_2UojTIbwN_JxQDmPhaGrFXnJJQ

Figure 11: Video interview

Other videos include recordings of webinars, workshops and other events, as well as explainer videos or animated videos that can be produced in the following phases of the project to disseminate project results more easily.

6.1.6 Communication Kit

At the time of writing, the communication kit includes the logo pack, a general presentation, a roll-up banner, and a four-fold flyer. Project communication materials are made available via a dedicated section on the website[21].

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[21] https://faircore4eosc.eu/communication-kit

Figure 12: Flyer mockup

6.1.7 Publications

Scientific publications, peer-reviewed as well as white papers, will be a channel of dissemination of the project's outcomes. FAIRCORE4EOSC estimates the production of 2-5 publications, including data papers, in the project lifetime. As a minimum, all will be published in Green OA (self-archiving) and deposited ZENODO.

All partners will contribute to this activity, where T7.2 will propose relevant conferences and journals for publications where needed.

6.1.8 Publication of Results in the Horizon Results Platform

The components developed will be consolidated into Key Exploitable Results (KERs) to be published in the Horizon Results Platform to promote their uptake via the EOSC Association and the operators of EOSC-Core. The factsheets (see section 6.6) will be used to publish the results in a consolidated way.

6.2 Campaign 2 M9-M36: Dissemination of EOSC-Core components

6.2.1 Requirements gathering workshops

Highly interactive workshop series to gather user requirements throughout the whole project. Workshops will vary in size depending on technical WP requirements, ranging from medium-size groups (20) to small targeted groups (3-5) participation. The workshops will be organised per technical WP, supported by WP7, targeting the case study user communities and services providers. Workshops will also be organised in collaboration with the FAIR-IMPACT project to stimulate uptake of the project results in other research communities.

Already as of M05 two requirements gathering workshops have been organised:

FAIRCORE4EOSC was one of the organising partners of the EUDAT 2022 Conference, as a side meeting partners organised a requirement gathering workshop on the following components:

- EOSC Metadata Schema and Crosswalk Registry (MSCR)
- EOSC Data Type Registry (DTR)
- EOSC Research Activity Identifier Service (RAiD)

EOSC registries for research data and metadata interoperability and research activity tracking (WP4).

The workshop was organised as a full-day hybrid event and engaged 14 people in person and 18 online from the FAIRCORE4EOSC case study research communities and the wider EOSC ecosystem. The images below show the workshop.
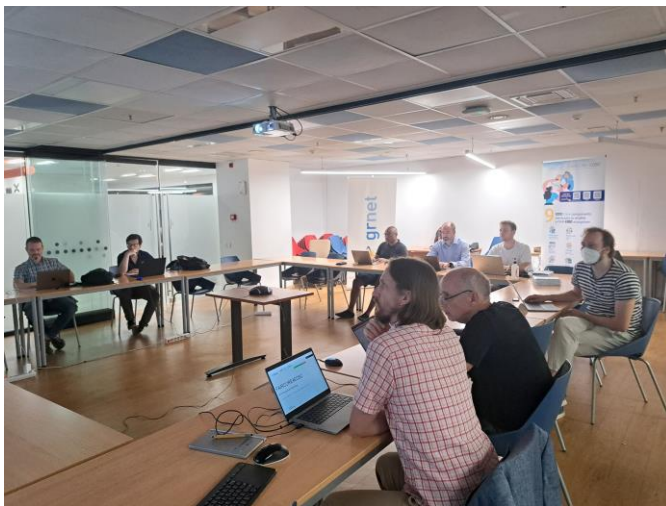
Figure 13: Sample of first FAIRCORE4EOSC requirements gathering workshop and promotion

The second FAIRCORE4EOSC requirements gathering workshop took place at the EOSC symposium "**EOSC PID Policy and FAIRCORE4EOSC: measuring compliance".** This workshop directly involved the EOSC partnership and wider the EOSC ecosystem.

Next steps will include the publication and dissemination of the inputs gathered in the shape of a Requirements Gathering Workshop 2-page summary report. Input can be shared with the full FAIRCORE4EOSC consortium and the wider EOSC ecosystem to build on.

6.2.2 Factsheets

With the aim to raise awareness and foster the wider uptake of the FAIRCORE4EOSC components, downloadable and branded 2-page factsheets will be developed. The factsheets will be shared via ZENODO[22] and on the dedicated components website page[23] as they go into the production release phase. ZENODO has been identified in the DMP as the most suitable channel to archive public materials created throughout the project lifetime.

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[22] https://zenodo.org/communities/faircore4eosc
[23] FAIRCORE4EOSC components dedicated website page: https://faircore4eosc.eu/eosc-core-components [accessed 16.10.2022]

6.2.3   Open Consultations

Hosted on the project website, Open Consultations in the form of questionnaires will support requirements gathering and validation activities aligned with the Technical Implementation timeline. This will allow the wider FC4E stakeholder community to provide input on the requirements gathered on the hand, and raise awareness for future adoption of the FC4E components on the other hand.

Open Consultations will be organised for the following reports:

1.   D1.2 FAIRCORE4EOSC Technical Specifications (M8 – WP1)
2.   D1.3 FAIRCORE4EOSC Components Beta Release Report (M18 – WP1)
3.   D1.3 FAIRCORE4EOSC Cross- integration Beta Release Report (M22 – WP1)

The reports will be published as foreseen in the project planning timeline, an open consultation will collect further input to the published report, the input will be taken up and integrated in the next iteration of the deliverable.

6.3   Campaign 3 M9-M36: Use cases and community uptake

6.3.1   User Documentation

Technical WPs will produce iterative versions of detailed user documentation. Users will be able to access the documentation via the public project wiki, to be developed within WP1. Task 7.3 will ensure this documentation is made accessible to the user community via the project website and important updates are disseminated properly via the project channels and briefings. The components are software tools, services and infrastructures for the usage of the ecosystem. These components need to be documented in a way that can be useful for the community.

6.3.2   User Stories

The case studies are designed to use multiple components developed within the project to provide a beta test for these components and their integration, and **will serve as an example for other communities and stakeholders** that will be outreached during the project. The case studies will also constitute the **early adopters** of the project results.

The case studies will be a basis to layout user stories and lessons learnt, to disseminate the results of the project and promote the uptake of the new developed components. These will be featured as news articles on the project website and promoted via all channels.

A **case study booklet** will highlight requirements, implementation, benefit and impact of the FAIRCORE4EOSC components for each target stakeholder group. This booklet will include a series of user stories and testimonials with final publication in M36.

Use case representatives and other guests from the project will also be featured in **a podcast series** starting in Year 2, with a focus on key topics for their respective scientific communities.

6.3.3   Mapping potential adopters

The components developed in FAIRCORE4EOSC could be highly beneficial for other domains such as research communities or national organisations outside the project (such as EUDAT, euroCRIS, and others). In order to stimulate the uptake of the developed components beyond the project target audience, we aim to organise a series of dissemination events to showcase progress and results from case studies and components. The EUDAT Conference 2022 has been a good starting point for presenting the expected benefits for our 5 case studies and this was followed by a similar presentation at the EOSC Symposium 2022.

Other relevant event opportunities will be explored in the near future with the help of case studies representatives, technical experts from the project as well as the FAIR-IMPACT project. Further dissemination events will be scheduled accordingly, in phase with the development stages of the components. In the second phase of the project, workshops and/or webinars can be planned to showcase (1) the BETA version of the component, (2) the BETA component integration in the Case Studies and (3) the final product release.

6.4 Campaign 4 M1-M36: FAIRCORE4EOSC in the EOSC ecosystem

6.4.1 Project Briefings

Briefings are periodic updates published on a quarterly basis on project progress, fostering the uptake in EOSC of the main technical results as planned in the Technical Implementation timeline. The information for the briefing is collected via a dedicated template for the Technical Steering Group, Project Coordination and Case Study coordination (WP7).

They are going to be shared every 3 months with the EOSC Association and other relevant actors in the EOSC ecosystem.

The first FAIRCORE4EOSC Briefing was published in September 2022[24], showcasing the workflows and technical alignment mechanisms that were already set in place.

Figure 14: Sample of first FAIRCORE4EOSC Briefing

6.4.2 Collaboration with FAIR-IMPACT

In 2015 the vision of a European Open Science Cloud (EOSC) emerged. EOSC would provide an open and trusted environment for accessing and managing a wide range of publicly funded research data and related

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[24] https://faircore4eosc.eu/news/faircore4eosc-first-briefing

services, helping researchers reap the full benefits of data-driven science. EOSC is currently in its second implementation phase (2021-2027) which requires active engagement and support to ensure widespread implementation and adoption of the FAIR (Findable, Accessible, Interoperable, Reusable) principles, to define and share standards and develop tools and services, to allow researchers to find, access, reuse and combine research results. The FAIRCORE4EOSC and FAIR-IMPACT projects will support the realisation of this web of FAIR data and services by delivering new core infrastructure components as well as by supporting the implementation of FAIR-enabling practices, tools, and servicess. FAIR-IMPACT and FC4E aim to work in close collaboration with other actors in the EOSC ecosystem, including the EOSC Association[25] itself, the H2020 project EOSC-Future[26] and many others.

The two projects are complementary instruments enabling an operational, open and FAIR EOSC ecosystem. Where **FAIRCORE4EOSC** will develop EOSC-Core components to adopt, **FAIR-IMPACT** in its turn will support the implementation of FAIR-enabling practices across scientific communities and research outputs at a European, national, and institutional level. The two projects already started collaborating as early as the proposal phase.

FC4E has sought alignment with the "sister" project FAIR-IMPACT from an early stage: fulfilling the mandate deriving from the two calls for proposals, the two projects aim to collaborate closely through a series of mechanisms, tools, and actions:

- **Regular coordination meetings:** the two projects started bi-weekly meetings already during the grant preparation stage;
- **Joint FAIR- IMPACT - FAIRCORE4EOSC Communications Task Force:** close exchange will be ensured between the communications teams of the two projects (both led by Trust-IT) who are meeting every two weeks to align on approaches (e.g. with regards to adapting to the proposed EOSC-Association branding and materials produced), share ideas, collaborate on events and engagement actions and ensure an effective exchange of information towards both the communication teams as well as all the project members.
- **Technical Bridging Team (TBT):** The TBT, which is co-chaired by FAIRCORE4EOSC and FAIR-IMPACT, leads and ensures the technical alignment between FAIR-IMPACT, FAIRCORE4EOSC, EOSC Future, and the EOSC Association. TBT members are appointed for the duration of the project and are led by a rotating annual chair. The TBT members participate in regular online meetings and gather for a face-to-face meeting organised in connection with a major conference or workshop.
- **FAIR-IMPACT Synchronisation Force (SF):** The FAIR-IMPACT SF is tasked with establishing a dialogue among the various projects, initiatives, and actors in both the EOSC and FAIR ecosystems, including the FAIRCORE4EOSC project. The SF functions as a coordination mechanism to engage stakeholders responsible for implementing a FAIR EOSC, ensuring compliance with its Rules of Participation (RoP).

In the first 6 months, the two projects have been actively collaborating, the following activities have already been performed:

- **Kick-off meeting:** the two projects, sharing a number of partners, had their kick-off meeting co-located in Amsterdam on 27-30 June 2022[27].

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[25] EOSC Association website https://www.eosc.eu [accessed 16.10.2022]
[26] EOSC Future website https://eoscfuture.eu [accessed 16.10.2022]
[27] FAIRCORE4EOSC Kick-Off meeting https://faircore4eosc.eu/events/faircore4eosc-kick-meeting [accessed 16.10.2022]

- Joint press release on the FAIRCORE4EOSC and FAIR-IMPACT collaboration "**FAIR-IMPACT and FAIRCORE4EOSC, two acronyms to remember"[28]**.
- Joint video interview with Ingrid Dillo, coordinator of FAIR-IMPACT, and Tommi Suominen, coordinator of FAIRCORE4EOSC[29].
- Joint video interview with Wim Hugo (DANS) and Mark van de Sanden, co-chairs for the Technical Bridging Team[30].
- Joint news-item on the two videos recorded "**FAIR-IMPACT and FAIRCORE4EOSC collaboration explained in two brand new videos! "[31]**
- Joint news-item in GEANT CONNECT Magazine[32].
- FAIR-IMPACT partners attended the FAIRCORE4EOSC requirements gathering workshop at EUDAT 2022.
- FAIR-IMPACT speaker Sophie Aubin took part in the first FC4E webinar on 14 October 2022[33].
- The two projects organised a joint session at the EOSC Symposium 2022, titled "**Semantic Interoperability in EOSC**" on 17 November 2022[34].
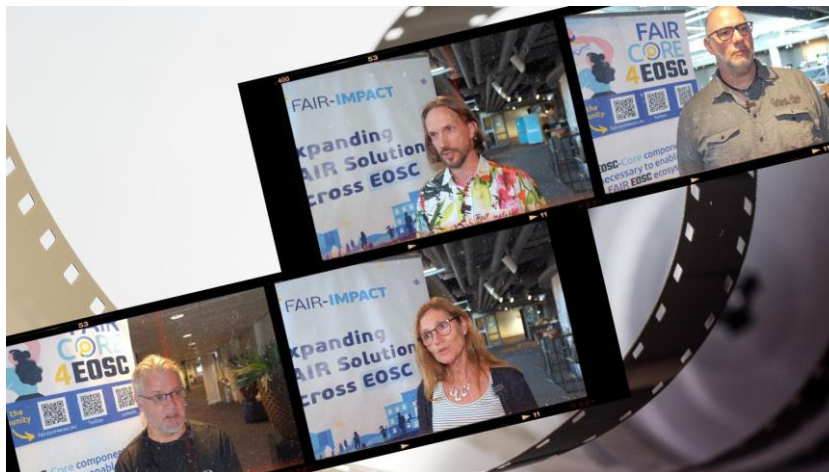

Figure 15: FAIR-IMPACT and FAIRCORE4EOSC collaboration explained in two brand new videos!

6.4.3 Synergies

The creation of synergies is key to the onboarding of end-user through the growing of the community, raising awareness with a joint voice and the fostering of knowledge exchange. With this aim, FC4E seeks to create synergies in the EOSC ecosystem, as well as with initiatives focused on the FAIR Research Life Cycle and Research Communities.

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[28] News-item "FAIR-IMPACT and FAIRCORE4EOSC, two acronyms to remember" https://faircore4eosc.eu/news/fair-impact-faircore4eosc-eosc-horizon-europe [accessed 16.10.2022]
[29] Video interview Ingrid Dillo (DANS) and Tommi Suominen (CSC) https://youtu.be/VUOeMA725Rw [accessed 16.10.2022]
[30] Video interview Wim Hugo (DANS) and Mark van de Sanden (SURF), co-chairs of the TBT https://youtu.be/c4_kpiR4naE [accessed 16.10.2022]
[31] News -item" FAIR-IMPACT and FAIRCORE4EOSC collaboration explained in two brand new videos!" https://faircore4eosc.eu/news/fair-impact-faircore4eosc-collaboration-videos [accessed 16.10.2022]
[32] https://faircore4eosc.eu/news/putting-fair-practice-support-eosc-vision-featured-geants-connect
[33] https://youtu.be/wqP66xnwBbM
[34] https://faircore4eosc.eu/events/eosc-symposium-2022

FAIRCORE4EOSC will establish synergies with the most relevant EOSC related projects, in addition to the FAIR-IMPACT project.

An important step in this direction was the participation in the first coordination meeting for EOSC-related Horizon Europe projects, organised by the EOSC Association on 30 September 2022[35], as well as the publication of the EOSC Association Vademecum[36].

Relevant EOSC Related projects	
Short Description	**Main Scope of Collaboration**
Horizon Europe INFRAEOSC projects (FAIR-IMPACT, AI4EOSC, EOSC4Cancer, FAIR-EASE, Skills4EOSC…)	Technical alignment, joint activities, links with EOSC co-programmed partnership
EOSC Future	Technical alignment, Integration with EOSC-Core, EOSC Interoperability guidelines.
INFRAEOSC 07 projects (DICE, EGI ACE, OpenAIRE Nexus, C-SCALE, RELIANCE) & 5b regional projects (EOSC Pillar, EOSC Nordic, NI4OS-Europe, EOSC Synergy)	Liaise with EOSC pan-European and national service providers.
Cluster projects (ESCAPE, PaNOSC, EOSC-Life, SSHOC, ENVRI-FAIR)	Foster uptake and adoption of the new developed components in case study domains and beyond.

Table 1: Relevant EOSC-related projects

In addition to the EOSC related projects, other initiatives and expert groups might be relevant for strategic alignment and consultation and they will be targeted for the engagement and outreach activities of the project, below an initial list is made.

Relevant initiatives and expert groups	
Short Description	**Main Scope of Collaboration**
The **Research Data Alliance (RDA)** is an international organisation focused on the development of infrastructure and community activities that reduce barriers to data sharing and exchange, and the acceleration of data driven innovation worldwide.	The following RDA Working Groups are of direct interest: Data Type Registries WG, FAIR for Research Software WG, Metadata Standards Catalog WG, Research Metadata Schemas WG, National PID Strategies WG, Open Science Graphs for FAIR data IG.
GO FAIR is a bottom-up, stakeholder-driven and self-governed initiative that aims to implement the FAIR data principles, making data FAIR. It offers an open and inclusive ecosystem for individuals, institutions and organisations working together through Implementation Networks.	FAIR data principles. Feedback and support on these topics in both directions will be part of this collaboration.
Semantic Mapping Framework (SEMAF) study group. A group of experts involved in an EOSC secretariat.eu co-creation study with the aim to inventory existing practices and come to a proposal for a pragmatic semantic mapping framework.	Feedback and support on the FAIRCORE4EOSC MSCR plans, make use of and solicit co-design via the SEMAF network.
FAIR Digital Objects Forum aims toward an architectural extension of the Internet, the Internet of FAIR Digital Objects (FDOs) and Services, that can help achieve an interoperable, stable, and persistent domain of digital artifacts.	Data type registries, kernel information types and a generic global resolution mechanism are major building blocks in the proposed internet of FDOs. Feedback and support on these topics in both directions will be part of this collaboration.

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[35] https://www.eosc.eu/news/coordination-meeting-eosc-related-horizon-europe-projects
[36] https://eosc.eu/sites/default/files/2022-10/Vademecum%20HE%20EOSC-related%20Projects.pdf

euroCRIS is an international not-for-profit association that brings together experts on research information systems. The mission of euroCRIS is to promote cooperation within and share knowledge among the research information community and interoperability of research information through CERIF, the Common European Research Information Format.	Share knowledge with the research information community and foster uptake of the FAIRCORE4EOSC components. Update of the CERIF standard.
NFDI (German National Research Data Infrastructure)	Uptake of the new developed components

Table 2: Relevant initiatives and expert groups

6.5 FAIRCORE4EOSC events

Different types of events can promote FC4E results and inform different stakeholder groups. In this subsection we will explore the main activities envisioned in the project to ensure engagement with target segments of the community.

6.5.1 Webinars

Case studies and components walkthrough will be showcased via virtual events in a webinar format. Other themes will be also programmed to provide a glimpse into the work of the project progress. The events can be organised with FAIR-IMPACT and other related initiatives – in order to reach out to a wider audience across the Open Science community.

Webinars are usually one-hour long and are expected to feature different types of elements, from standard presentations to interactions with the audience (done via digital tools such as sli.do or mentimeter), from regular Q&A sessions to panel discussions featuring more speakers.

The first official FC4E webinar took place on 14 October 2022[37], providing a general overview of the technical work to be done and of the wider context in which FC4E operates, as well as a lively panel discussion with guests from inside and outside the project. 74 people registered and contributed to a dynamic webinar, which can now also be watched on the FC4E YouTube channel[38].

A total of 12 webinars will be organised during the project to pitch the components to new stakeholder groups and to describe the benefits that they can bring.

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[37] https://faircore4eosc.eu/events/webinar-developing-new-eosc-core-components-fairer-open-science-ecosystem
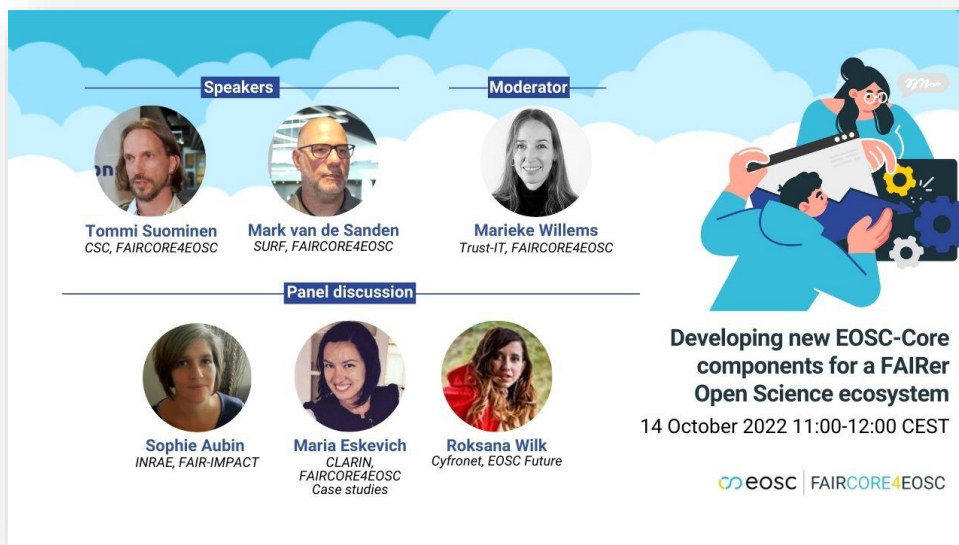[38] https://youtu.be/wqP66xnwBbM

Figure 16: Promotional image for the first webinar

6.5.2 Workshops

Aside from webinars, project developments and results will also be disseminated within specific target audiences via dedicated events, such as workshops.

Timed in alignment with the technical implementation releases, these workshops will highlight benefits, showcase eventual demonstrations and provide practical technical information on the new components. Demonstrations will also be effective for communication to the EOSC Partnership. When deemed necessary, recorded demonstrations will be published on the project website including detailed user documentation.

One mid-term and one final workshop will showcase the project BETA and production releases through live demos, as well as the final results and impact. These workshops will focus on the developed components, integration with EOSC-Core and best practices emerging from case studies.

6.5.3 Third party events

Dissemination activities can also take place at third party events, where FAIRCORE4EOSC will be organising co-located sessions, joint sessions, as well as participations in broader sessions with presentations, lightning talks, or panel discussions.

Third party events are fundamental for the project to reach out to specific communities, and also to network with relevant actors in the EOSC ecosystem and in thematic domains.

As of M05, FC4E has already taken part in several 3rd party events, as shown in the table below.

Activity	Type of event	Date	Event Title	Event Website	Objective
Present ation	Event	27.6.2022	FAIR-IMPACT kick-off	https://fair-impact.eu/news/fair-impact-and-faircore4eosc-two-acronyms-remember	Alignment with FAIR-IMPACT
Worksh op	Conference	13.9.2022	EUDAT Conference 2022 - Requirements	https://faircore4eosc.eu/requirement-definition-workshop	Collect requirements for technical development

			gathering workshop		
Present ation	Conference	14.9.2022	EUDAT Conference 2022 - Research Data Management Challenges and Available Solutions	https://faircore4eosc.eu/events/eudat-conference-2022	Present FAIRCORE4EOSC
Present ation	Conference	15.9.2022	EUDAT Conference 2022 - Data Management Use Cases	https://faircore4eosc.eu/events/eudat-conference-2022	Present FC4E use cases
Present ation	Workshop	30.9.2022	Coordination meeting for EOSC-related Horizon Europe projects	https://www.eosc.eu/news/coordination-meeting-eosc-related-horizon-europe-projects	Network with Horizon EU projects and EOSC-A
Poster session	Exhibition	11.10.2022	CLARIN Annual Conference at ICRI 2022 - Poster session	https://faircore4eosc.eu/events/international-conference-research-infrastructures-icri-2022	Interact with SSH community

Table 3: Third party events

7 Exploitation

WP7 is not only responsible for Communication and Engagement but also for Exploitation (T7.4) and this is why this document also includes the exploitation plan.

The main objective of FAIRCORE4EOSC is to deploy new sustainable and exploitable EOSC-Core components.

The FC4E approach to exploitation and sustainability challenges is based on two complementary, strategic aspects:

- Development of an exploitation plan to establish a viable route for the sustainability of the FC4E components in EOSC-Core by establishing a dialogue with the EC and the EOSC Association and finding common ground among beneficiaries;
- Individual exploitation plans defined by each beneficiary, in line with their strategy (e.g., to improve their service portfolio or competences).

7.1 FC4E & the EOSC-Core

FAIRCORE4EOSC aims to contribute to the MVE by developing new components identified as essentials in the SRIA. This will be achieved by making the new components integrated with the EOSC-Core operational services and fully compliant with the EOSC interoperability framework and EOSC rules of participation.

As the FC4E components are requested by the EOSC Partnership, it is expected that they will be exploited by the EOSC Partnership beyond the end of the project. How this is going to happen it is still unclear.

In October 2022, the only two clear facts are the following:

- A 35M€ EOSC Procurement action[39] will be launched before the end of 2022. One of the main expected outcomes of the procurement is "a fully operational, secure, cloud-based EOSC infrastructure, including a federated EOSC Core platform and the EOSC Exchange, offering high quality professional services and providing for a superior user experience, usability and ease of use for a very large number of users, with the functionalities available 24/7". A prior information notice was published in May 2022[40] and an Open Market Consultation for the EOSC Procurement action has been run during summer 2022[41].
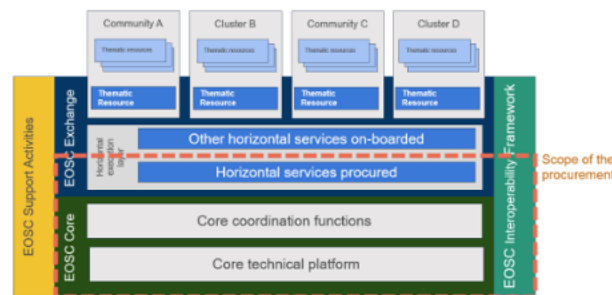

Figure 17: Scope of the EOSC Procurement

- The EOSC Association Task Force on Financial Sustainability[42] is currently working on financial scenarios for the funding and maintenance of the EOSC-Core, Exchange and Data Federation after 2027 after current EC Framework Programme seed funding for EOSC runs out.

The outcomes of these two actions might influence in a substantial way the exploitation of FC4E results and this is why the project will follow them closely.

Task 7.4 will be the linking point between the project and the developments at European level in terms of funding and business models for the EOSC-Core.

- In early 2023, a meeting with the FC4E partners will be organized, after the publication of the EOSC procurement, to discuss the potential implications for the project and eventually organize some actions;
- A close look will be kept on the work of the EOSC Association Task Force on Financial Sustainability and the project will be ready to contribute to potential consultations to provide the partner views on the financial scenarios for the Core;
- After M22 (once the cross-integration activities of the components will be done), T7.4 will also start analysing the operational costs to sustain the FC4E developed components as these will be fundamental to understand the future maintenance. This information will be collected via individual interviews with the service owners of the FC4E components;

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[39] https://digital-strategy.ec.europa.eu/en/library/european-open-science-cloud-eosc-factsheet-procurement
[40] https://ted.europa.eu/udl?uri=TED:NOTICE:234660-2022:TEXT:EN:HTML
[41] https://digital-strategy.ec.europa.eu/en/news/open-market-consultation-european-open-science-cloud-public-procurement-action
[42] https://www.eosc.eu/advisory-groups/financial-sustainability

- In month 30, the work to start the compilation of the full exploitation and sustainability plan (D7.3) will begin and an online workshop to discuss the exploitation paths will be organised to finalise the document that will be released by the end of the project.

7.2 Individual exploitation plans

In addition to the activities planned to explore the exploitation and sustainability of the EOSC-Core components in the context of EOSC-Core, the project partners will also work on individual exploitation plans as they might show potential to leverage also other results coming out from the project (e.g. new competences acquired, new services developed that can be embedded in the partners service portfolio, new contacts established during the project, etc.).

Initial ideas in terms of exploitation plans have been drafted by the partners at the time of the proposal writing (See table below). The individual exploitation plans of the partners will be confirmed or updated in the final deliverable D7.3 Final Plan for Dissemination and Exploitation Including Communication Activities due at the end of the project (M36).

Individual Exploitation Plans
CSC: The components developed in the project will be exploited in the CSC service portfolio, especially by the Research.fi portal commissioned by the Finnish Ministry of Education and Culture to improve its user experience, and by the EUDAT services provided at CSC as part of the EUDAT CDI
SURF: The components developed in the project will be exploited in the SURF data management portfolio and by the forthcoming NL Open Knowledge Base, which is currently in the planning phase. SURF will also host and deploy the EOSC RAiD service, thereby establishing a European RAiD Registration Agency.
OPENAIRE: The RDGraph will be operated and sustained as part of the OpenAIRE infrastructure portfolio, to be offered to European researchers, policy makers, organizations, and companies.
ARC: Acquisition of new skills, validation of technologies in different contexts, scientific visibility and benefits of Helix integration with project components
CNR: Acquisition of new skills, validation of technologies in different contexts, scientific visibility
UNIWARSAW: Acquisition of new skills.
KNAW-DANS: All components developed in the project will be implemented in the KNAW-DANS data and knowledge infrastructure to its best technical and practical means. Currently the KNAW-DANS technical services are being revised and the result of the project will guide new developments and repository services around PIDs.
GWDG: Parts of the developed tools and service will be hosted and maintained by GWDG. The services will also be adopted by ePIC.
INRIA: The components developed in the project will be exploited in the HAL national access portal, maintained by a consortium led by the French Ministry of Research, to improve its user experience, and in the Software Heritage archive, maintained by Inria.
CLARIN: Where relevant, CLARIN will look for continued use of successful integrations created in this project. The services and contributions developed by CLARIN in the project will be operated and sustained as part of the CLARIN infrastructure portfolio.
DATACITE: All services and contributions by DataCite within the project are sustained as part of the DataCite service portfolio.
GRNET: The components and contributions developed in the project will be operated and sustained as part of the GRNET Service portfolio.
DKRZ: The components of the project relevant to the ENES data infrastructure will be used to improve the user experience.
AGH / AGH-UST: The EOSC Marketplace, EOSC Platform Front-Office and EOSC Order Management integrations of the components developed in the project will be maintained as a part of the sustainability plan for the mentioned services operated with the use of the AGH / AGH-UST Cyfronet data-center infrastructure.
TRUST-IT: will extend its network and lever on the engaged FAIRCORE4EOSC network of stakeholders and end-users for further work in EOSC and with FAIR research tools.
COMMPLA: improved skills on web developments to support and foster user-feedback collection and co-creation in FAIRCORE4EOSC will be re-used in future initiatives and EOSC related activities.

CERN: All software development will be done under the InvenioRDM umbrella, distributed as Open Source, and maintained by the InvenioRDM community, which includes CERN. The outcomes will be exploited in several production InvenioRDM-based repositories from different organisations and disciplines (e.g. Zenodo, CERN Institutional Repository, InvenioRDM partners, etc).	
FIZ: All developments will be integrated into the indexing and reviewing workflows of FIZ Karlsruhe's math services.	
LZI: All developments will be directly integrated into the submission and publication workflows of Schloss Dagstuhl LZI's publishing and indexing services.	
HY: All technical development will be integrated with the national URN:NBN resolver maintained by the National Library of Finland.	
ARDC: With RAiD due to become an ISO certified standard in early 2022, ARDC is moving forward with an 18-month roadmap that will see accelerated technical development and a new governance model put into place. Participation in the project enhances RAiD's international trajectory, facilitating broad adoption both as an EOSC core service and within Europe more broadly.	

Table 4: FAIRCORE4EOSC Individual Exploitation Plans

8 Measuring Impact and Monitoring

8.1 Key Performance Indicators

T7.3 will be monitoring the KPIs available in table 5. In the column M05 the current measurements have been captured, while M36 shows our KPI targets for the end of project.

Note: Website sessions cannot be tracked via Analytics if users – as requested by the EU cookie law – decide to reject cookies in the initial screen or if they take no action on that request, this means that we can only be sure about the sessions by users that explicitly accept the cookies.

KPI	M05	M36 target
Monthly FAIRCORE4EOSC.eu statistics and usage	433.4 monthly sessions 595 rejected cookies 894 no action	800 monthly unique sessions
FAIRCORE4EOSC Social Media connections	291 Twitter followers 195 LinkedIn followers	1000 Twitter followers 1000 LinkedIn followers
Number of people engaged via FAIRCORE4EOSC workshops	Later in the project	600 participants from target groups
Video visualisations (case study videos and technical demonstrator videos)	46 combined views on YouTube 379 combined views on Twitter 452 combined views on LinkedIn **877 total views**	1000 combined views
FAIRCORE4EOSC Case study web pages with marketing packages	248 combined page views	2000 combined page views
Visibility at events related to EOSC, research communities of the case studies, PID, metadata, research software citation and archiving, etc	6 activities at 3rd party events	30 third party events

Articles in eosc.eu, eosc-portal.eu and other relevant community portals	3	4 content pieces per year
Dissemination and Communication synergies created with projects funded under the HORIZON-INFRA-2021-EOSC-01-05.	Coordination established with FAIR-IMPACT	1 joint plan defined and implemented
Identification and liaison with potential adopters of the FAIRCORE4EOSC components	Later in the project	10 potential adopters identified and contacted
Scientific publications	Later in the project	2-5 (including data papers)

Table 5: KPIs

8.2 Monitoring

Monitoring of the DEC activities is mostly done within the project´s internal workspace on eduuni[43], where all relevant links to materials and spreadsheets are collected.

Trust-IT is in charge of collecting input from all partners and update the reporting sheet every month, also providing updates at WP7 meetings, so as to have a clearer understanding of the project's progress in terms of DEC activities.

The project event calendar[44] is a particularly relevant tool, where all partners have to add information about their participation in events (both organised by FC4E and by third parties), so that the consortium can easily find information about past and future dissemination activities, communities targeted, people involved.

Information from the event calendar is also included monthly in the reporting sheet by T7.3, providing the basis for the periodic reports requested by the EC.

9 Conclusions & Next Steps

FAIRCORE4EOSC plays a central role in this phase of the EOSC development (second implementation phase 2021-2027), not only from a technical perspective but also in terms of active collaboration with other initiatives and community building.

Important activities such as the first coordination meeting for EOSC-related Horizon Europe projects, the establishment of inter-project mechanisms such as the Technical Bridging Team with FAIR-IMPACT, the abundance of cross-cutting collaborations as also seen at the EOSC Symposium 2022, all point towards a more integrated EOSC ecosystem going forward in Horizon Europe, building and expanding on best practices coming from Horizon 2020.

The activities outlined in this document will help place FC4E to the forefront of an increasingly dynamic environment, supporting the development and uptake of the nine components across target communities, and ensuring that the project achieves its goals with a positive impact on research.

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[43] https://wiki.eduuni.fi/x/gIUAEQ (Project´s internal workspace. The EC reviewers will be granted access.)
[44] https://wiki.eduuni.fi/x/CYYAEQ (Project´s internal workspace. The EC reviewers will be granted access.)

10 References

- EOSC Strategic Research and Innovation Agenda https://www.eosc.eu/sria