



# FAIR-IMPACT

## An introduction to the project

Ingrid Dillo  
Deputy director DANS  
Project coordinator FAIR-IMPACT

29 June 2022





Welcome to Amsterdam!



# FAIR-IMPACT in a nutshell

## Expanding FAIR Solutions across Europe



Call HORIZON-INFRA-  
2021-EOSC-01-05

Enabling discovery and  
interoperability of  
federated research  
objects across scientific  
communities

Expanding FAIR  
solutions in Europe

Partly following up on  
FAIRsFAIR

EU funded project

Coordination and  
Support Action

10 million euro

36 months, starting 1  
June 2022

28 partners

From 10 EU  
member states:  
NL, FI, FR, DK, IT,  
DE, ES, NO, BE,  
RO

and the UK

## FAIR-IMPACT Core Partners

*Data Archiving and Networked Services*

**DANS**



**INRAE**

**DeiC**

**Trust-IT Services**  
*communicating to markets*

# The consortium



## FAIR-IMPACT overall objective

### WHAT:

to realise a FAIR EOSC by **supporting the implementation** of FAIR-enabling practices across scientific communities and research outputs at a European, national, and institutional level;

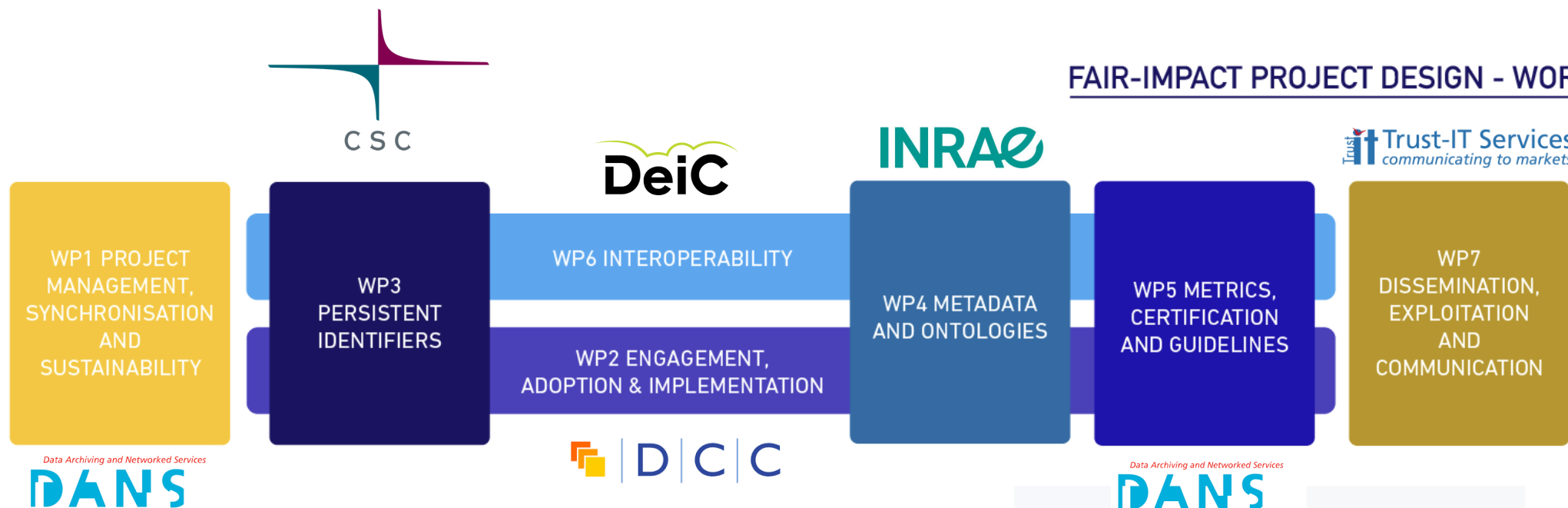
### HOW:

- **identifying** current and emerging components for enabling FAIR (practices, policies, tools & technical specifications);
- **translating** viable solutions, guidelines and frameworks that have been developed for one domain or research output and **supporting** their application in others;
- taking the next step in implementation by **defining** the support, governance, and coordination mechanisms required to ensure the continuous function of FAIR-enabling practices in the EOSC.



# FAIR-IMPACT Work Packages

## FAIR-IMPACT PROJECT DESIGN - WORK PACKAGES



# Expected outcomes (1)

**Table 1.1: WP objectives matched against the overall expected outcomes**

**Outcome 1: Improved FAIRness of data and other research outputs by coordinating the implementation of frameworks and the alignment of FAIR data practices.**

*Objectives WP3: **Persistent identifiers***

- coordination mechanism for EOSC PID service providers;
- meeting end user needs in the development of the EOSC PID landscape and solutions;
- alignment of PID infrastructures with EOSC policy and architecture;
- support instruments for facilitating uptake.

*Objectives WP4: **Metadata and ontologies***

- broader and more harmonised use of semantic artefacts in EOSC;
- guidelines to collect and curate research software metadata;
- a framework for metadata crosswalks and mappings between semantic artefacts;
- use of semantic artefacts within data repositories for better data search and indexing.

*Objectives WP5: **Metrics, certification and guidelines***

- FAIR digital object assessment (metrics and tools) across disciplines;
- FAIR principles for research software (metrics and practical tests);
- FAIRness of semantic artefacts;
- Support for the network of FAIR-enabling trustworthy repositories, registries and discovery portals.

*Objectives WP6: **Interoperability***

- semantic and technical interoperability mechanisms across domains;
- legal and organisational interoperability across domains;
- foster alignments with global and non-scientific large data infrastructures to promote FAIR for interoperability.



## Expected outcomes (2)

**Outcome 2: Wide uptake of and compliance with FAIR data principles and practices by national and European research data and metadata providers and repositories, leading to the development of the Web of FAIR data and related services.**

*Objectives WP2: Engagement, adoption and implementation*

- knowledge transfer across the project through the FAIR Implementation Team;
- scalable FAIR implementation framework of approaches, tools and solutions;
- supporting planning, uptake and adoption of FAIR-enabling practices;
- FAIR implementation action plans and FAIR implementation workshops.

*Objectives WP7: Dissemination, exploitation and communication*

- engaging with research communities at multiple levels, with a strong focus at the national level;
- creating a broader user community for EOSC with domain, gender and geographical balance;
- communicating FAIR adoption pathways and highlighting incentives to do so;
- maximising the exploitation and adoption of FAIR solutions for EOSC.

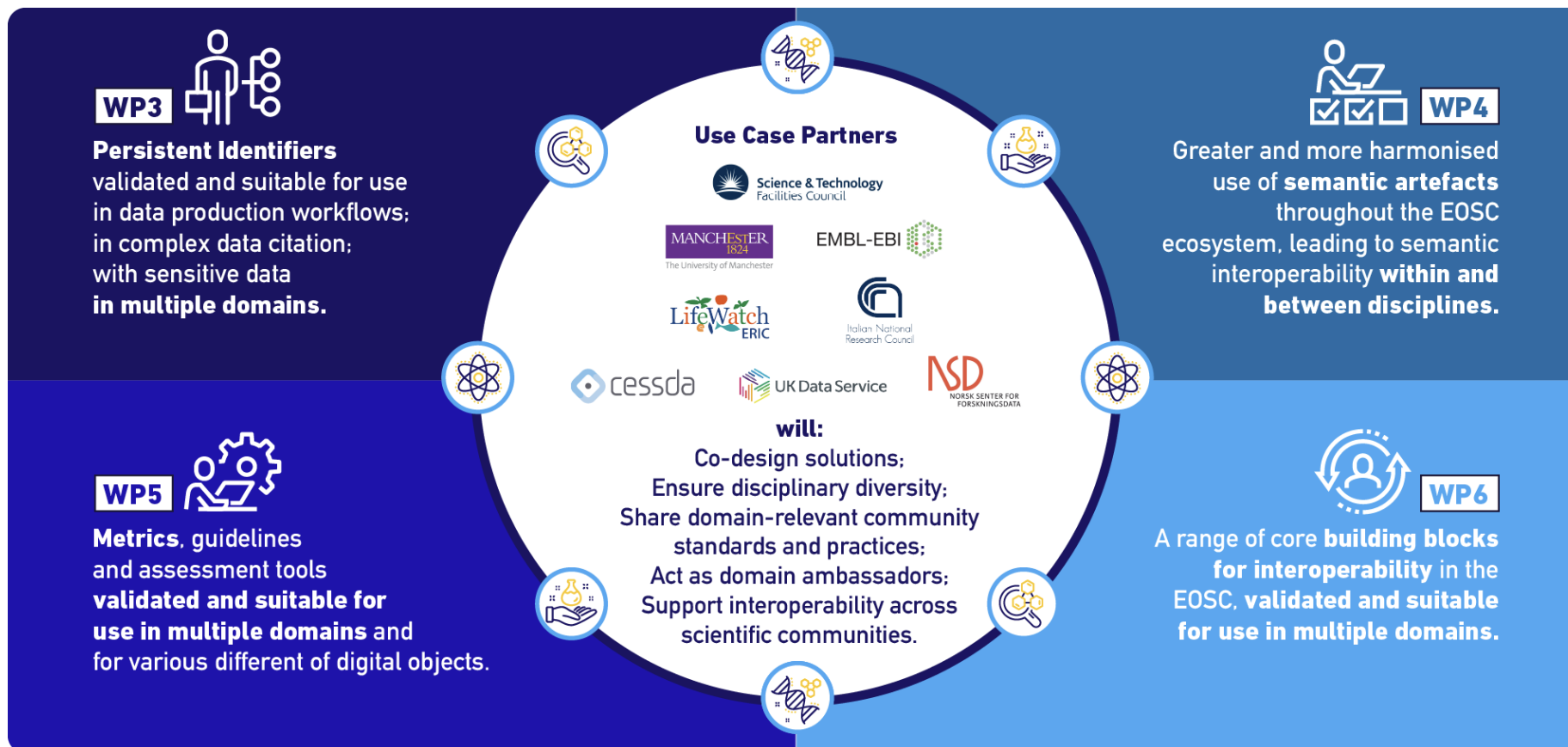
## Expected outcomes (3)

### Outcome 3: Contribution to the Horizon Europe EOSC Partnership

*Objectives WP1: Project Management, Synchronisation and Sustainability*

- synchronisation with the EOSC Partnership and other relevant EOSC and FAIR related projects and initiatives;
- technical alignment with the *HORIZON-INFRA-2021-EOSC-01-03* (EOSC 01-03 project) & other relevant initiatives via the Technical Bridging Team (§1.2.3);
- sustainability of project results.

# Project methodology: Tier 1 integrated use cases



Related to objective 1

Two categories:

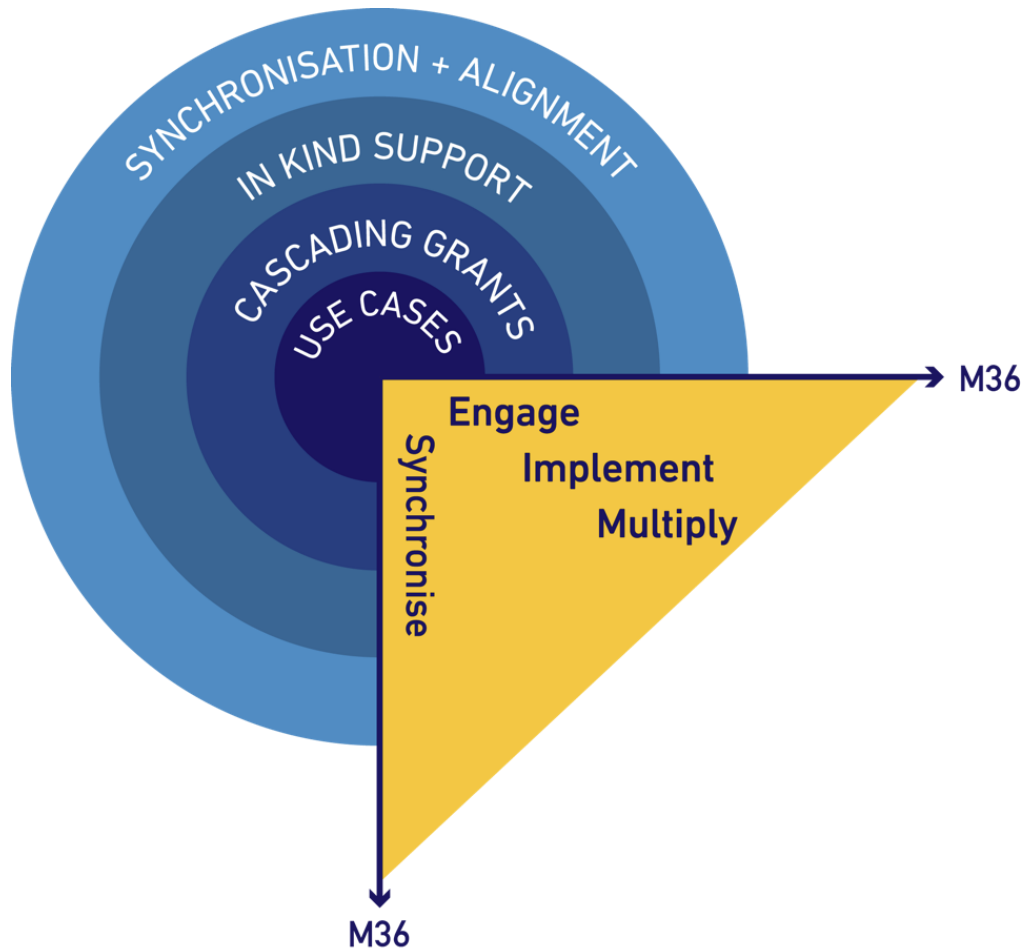
- Reuse of off the shelf solution with early adopter)
- Co-design and co-create with WP-partners

Use cases part of WP3-6

~ 1 Meuro



# Project methodology: Tier 2 and 3 cascading grants and in-kind support



## Cascading grants:

Related to objective 2

Activity run by WP2 in collaboration with respective WPs via FAIR Implementation Team;

Total available budget via open calls 500 Keuro;

## In kind support:

Related to objective 2

Activity run by WP2 in collaboration with respective WPs via FAIR Implementation Team; provision of in-kind support via open calls by project partners only;

Total available budget 500 Keuro.

# Project methodology: Tier 4 Synchronisation and alignment

Related to  
objective 3

## *FAIR-IMPACT Synchronisation Force*

- Target audience: all relevant projects and activities in the EOSC and FAIR ecosystems as well as the EOSC Partnership (including the EOSC-A TFs)
- Lead WP1

## *Technical Bridging Team*

- With 03 project and EOSC Future
- Lead WP1

## *Promotion of interoperability between EOSC and the other Data Spaces*

- Lead WP6

## *European Group of FAIR Champions*

- Ambassadors for the project; cross domain engagement
- Lead WP7

## *National FAIR-IMPACT Roadshows*

- Lead WP7

## Different instruments



### FAIRCORE4EOSC research and innovation action

Activities aiming primarily to .. explore the feasibility of a new or improved technology, product, process, service or solution. This may include basic and applied research, technology development and integration, testing, demonstration and validation on a small-scale prototype in a laboratory or simulated environment.

### FAIR-IMPACT coordination and support action

Activities contributing to the objectives of Horizon Europe (i.e. dissemination, awareness-raising and communication, networking, coordination, etc.), excluding R&I activities



## Complementary instruments



### FAIRCORE4EOSC - Realisation of EOSC-Core components,

by developing nine new EOSC-Core components aimed to improve the discoverability and interoperability of an increased amount of research outputs

### FAIR-IMPACT - Realisation of a FAIR EOSC

by supporting the implementation of FAIR-enabling practices across scientific communities and research outputs at a European, national, and institutional level

## How can we align and work together?

Overlap in partners involved:

**DANS**

**SURF**

**CSC**

**INRIA**

**TrustIT**

**DataCite**

## How can we align and work together?

**Technical  
Bridging  
Team**

**Regular  
PMO-PCO  
Meetings**

**Regular  
Comms  
Meetings**





**Together we can do it!**





Thank you and  
have a great KoM!

[Ingrid.dillo@dans.knaw.nl](mailto:Ingrid.dillo@dans.knaw.nl)



[fairimpact\\_eu](https://twitter.com/fairimpact_eu)



<https://www.linkedin.com/company/fair-impact-eu-project/>

<http://fair-impact.eu/>



Funded by  
the European Union