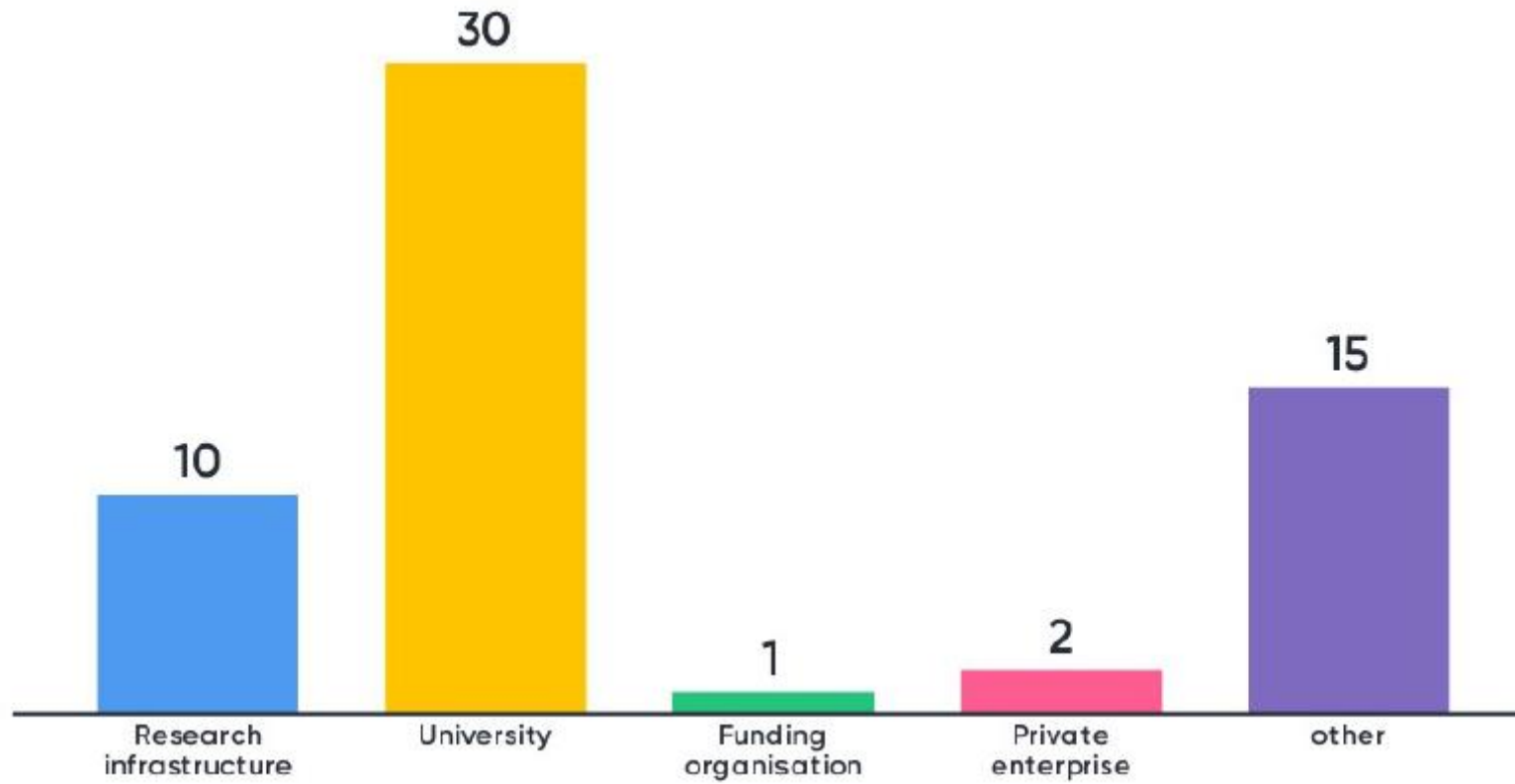# Mentimeter session

**From the session:**
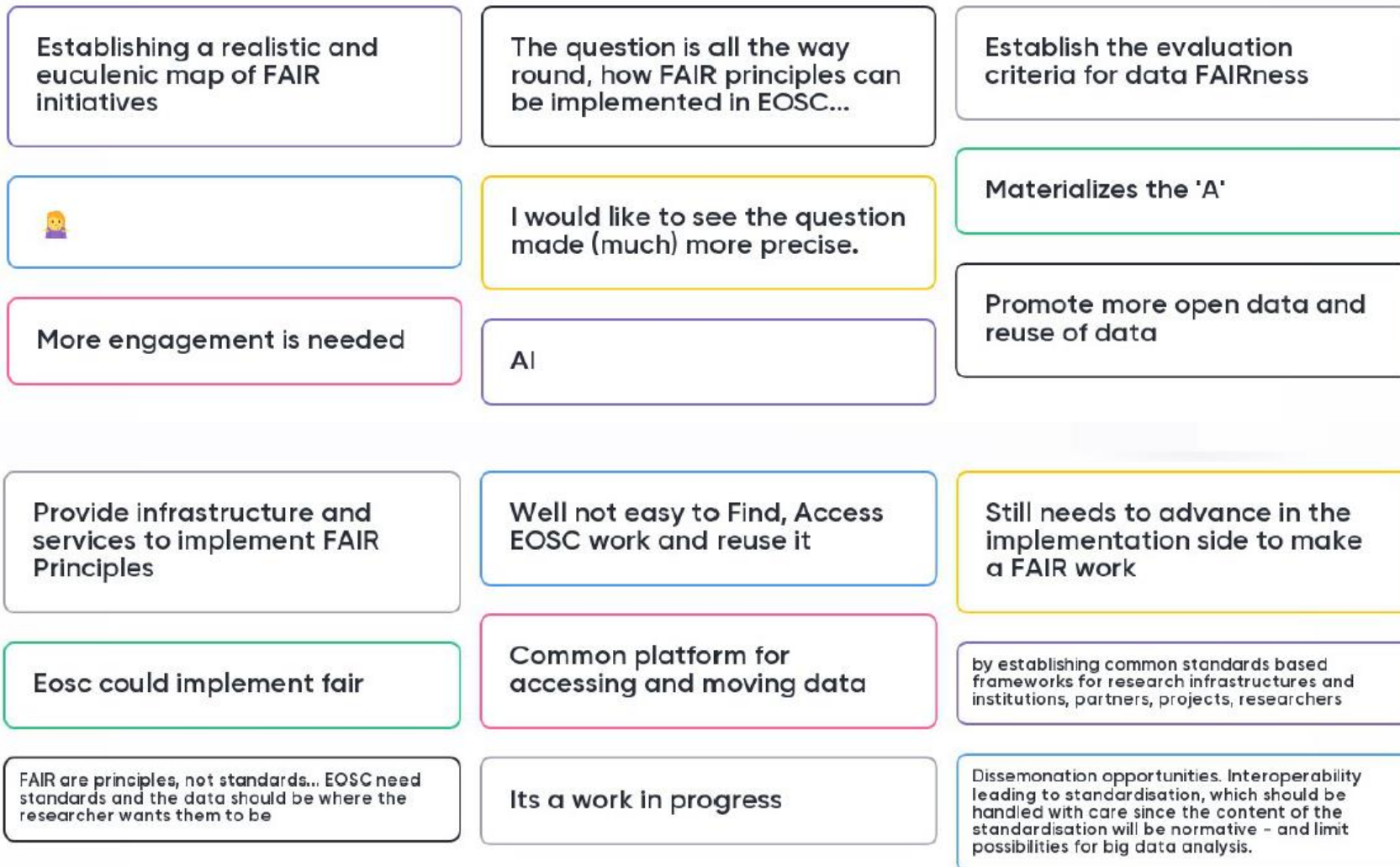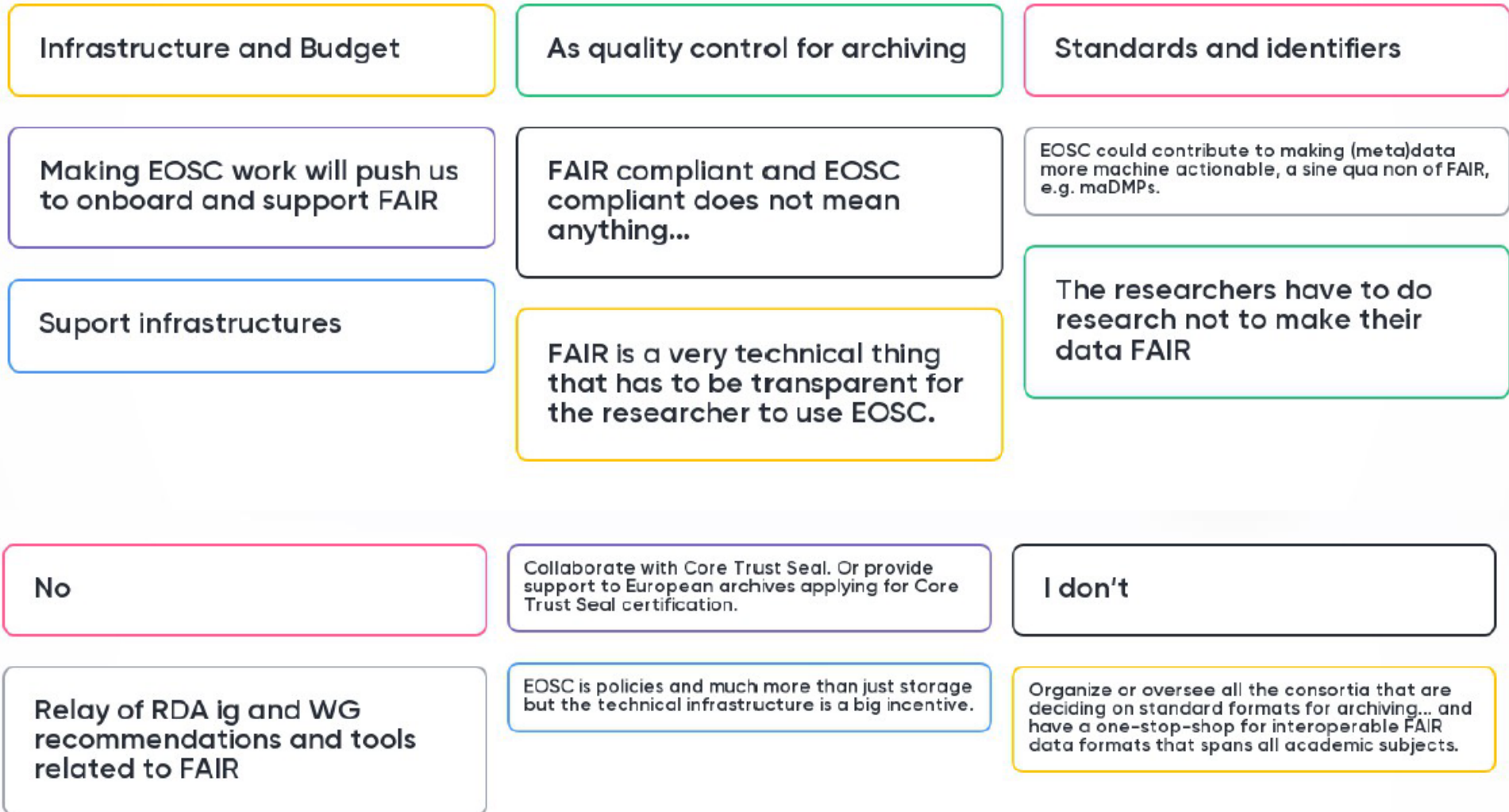> **Fostering a FAIR research culture - what works?**

**on 17 September 2019 in Arquivo Hall**

# Where are you from

# You heard about EOSC. In what respect do you think EOSC makes FAIR work?

Establishing a realistic and euculenic map of FAIR initiatives

The question is all the way round, how FAIR principles can be implemented in EOSC...

Establish the evaluation criteria for data FAIRness

🙍‍♀️

I would like to see the question made (much) more precise.

Materializes the 'A'

Promote more open data and reuse of data

More engagement is needed

AI

Provide infrastructure and services to implement FAIR Principles

Well not easy to Find, Access EOSC work and reuse it

Still needs to advance in the implementation side to make a FAIR work

Eosc could implement fair

Common platform for accessing and moving data

by establishing common standards based frameworks for research infrastructures and institutions, partners, projects, researchers

FAIR are principles, not standards... EOSC need standards and the data should be where the researcher wants them to be

Its a work in progress

Dissemonation opportunities. Interoperability leading to standardisation, which should be handled with care since the content of the standardisation will be normative – and limit possibilities for big data analysis.

Infrastructure and Budget

As quality control for archiving

Standards and identifiers

Making EOSC work will push us to onboard and support FAIR

FAIR compliant and EOSC compliant does not mean anything...

EOSC could contribute to making (meta)data more machine actionable, a sine qua non of FAIR, e.g. maDMPs.

Suport infrastructures

FAIR is a very technical thing that has to be transparent for the researcher to use EOSC.

The researchers have to do research not to make their data FAIR

No

Collaborate with Core Trust Seal. Or provide support to European archives applying for Core Trust Seal certification.

I don't

Relay of RDA ig and WG recommendations and tools related to FAIR

EOSC is policies and much more than just storage but the technical infrastructure is a big incentive.

Organize or oversee all the consortia that are deciding on standard formats for archiving... and have a one-stop-shop for interoperable FAIR data formats that spans all academic subjects.

Can set funding requirements,

can fund infra to make FAIR seamless

Home for data and preprints
Standards for sharing data

More open collaboration

EOSC defines what FAIR means

Not sure about this. I am new to the subject!
V
Standards

What is EOSC?

Global data storage

Projects will, within and outside EOSC

EOSC promotes the FAIR concepts

Nothing as almost nobody uses EOSC

Potentially contributes to harmonization, best practice
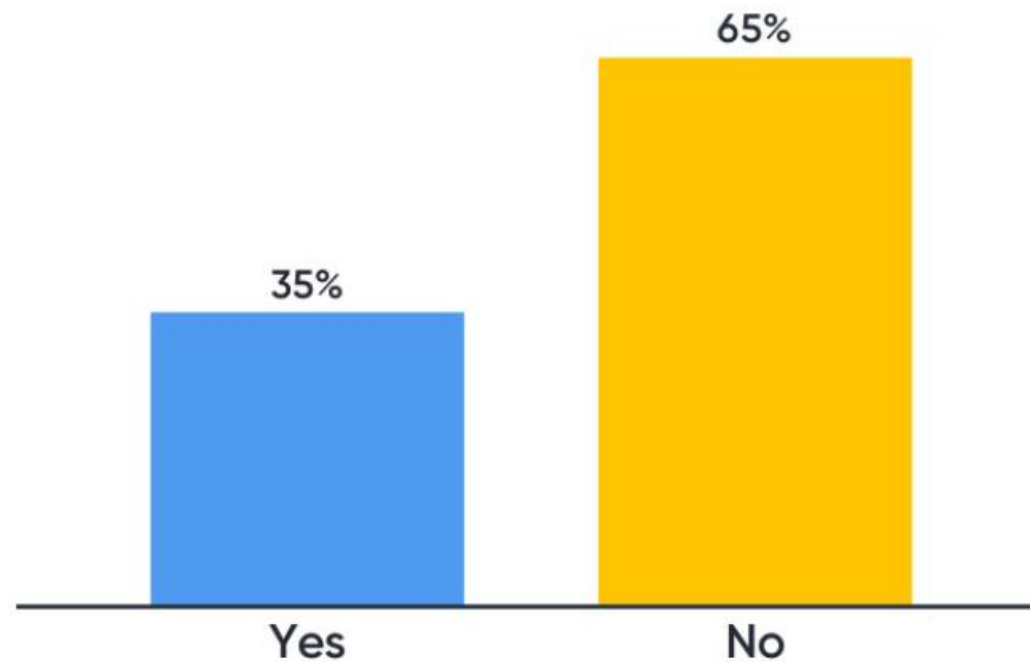
By building reliable infrastructure.

Researchers can discover data they did not know about
V
collaboration promotes open research

Technical infrastructure
Infrastructure to build the services

# FAIR in the EOSC-Pillar Project

Jos van Wezel

# EOSC Projects Landscape: Implementing the EOSC

★ **Liase, co-creation, governance (5a)**
  ★ EOSCsecretariat.eu

★ **Services and Pan-European Implementations**
  ★ EOSC-hub, OpenAIRE, FREYA, eInfraCentral

★ **EOSCINFRA projects (aka Regional projects )5b)**
  ★ EOSC-synergy
  ★ **EOSC-Pillar**
  ★ EOSC-Nordic
  ★ NI4OS-Europe
  ★ ExPaNDS

★ **EU funded projects that probe use of commercial IT services (1)**
  ★ OCRE
  ★ ARCHIVER

★ **Connecting ESFRI (ESFRIs grouped in clusters) (5)**
  ★ EOSC-Life
  ★ ESCAPE
  ★ PaNOSC
  ★ SSHOC
  ★ ENVRI-FAIR

★ **FAIR standards, policies and thematic implementations (5c)**
  ★ FAIRsFAIR

★ **Not INFRAEOSC but geared towards EOSC**
  ★ FAIRplus
  ★ FAIR4Health

# Coordination and Harmonisation of National Initiatives, Infrastructures and Data services in Central and Western Europe

Website
**www.eosc-pillar.eu**

Grant agreement ID
**857650**

EU contribution
**€ 6 880 965**

Coordinator
**GARR**

Partners
**18**

**IMPACTS**
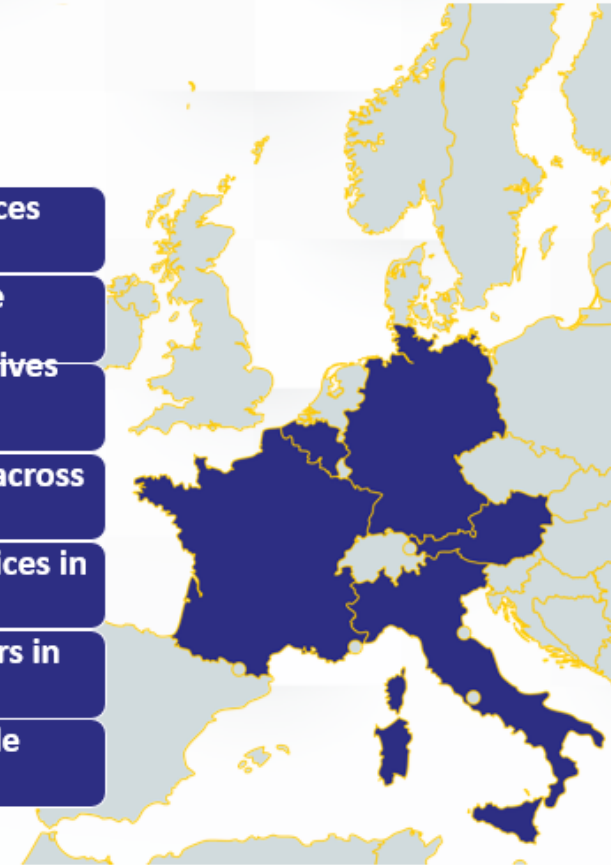
Harmonised procedures for research data services delivery across countries

Coordination with other initiatives to achieve harmonisation for an inclusive EOSC

Full understanding of the state of national initiatives and compute and data services, supporting consolidation

Increased FAIR data uptake at national levels and across scientific communities and borders

Launch of new non-commercial transnational services in the EOSC Portal

Active stakeholder community of EOSC supporters in each country

New viable business models for the sustainable provision of transnational services

**EOSC-PILLAR CONSORTIUM**

Consiglio Nazionale delle Ricerche · CINECA · INFN · cmcc · universität wien · CINES · cnrs · INRA SCIENCE & IMPACT · Inría · Consortium GARR · Ifremer · Inserm · KIT Karlsruher Institut für Technologie · DKRZ · Fraunhofer · GFZ Helmholtz-Zentrum POTSDAM · UNIVERSITEIT GENT · Trust-IT Services Communicating ICT to markets

# EOSC-Pillar

★Scope
- ★Partners (18) from Italy, France, Germany, Austria and Belgium
- ★Start on 1 July 2019
- ★Includes direct participation of 9 initial use cases
- ★Open call for subsequent candidates
- ★Integrate communities with EOSC

★and Pillar will …
- ★assist use cases from transnational communities
- ★liaise closely with other related projects and (inter)national initiatives

# FAIR in Pillar

★ WP5 "establishing FAIR data services at the national and transnational  level"

★ Lead Adham Hashibon - Fraunhofer IWM, Materials science

★ Mission: reduce technical, societal and organisational barriers to ensure FAIR principles for research data

★ Develop and operate a set of services out existing and future research data repositories

★ Setting up support and training activities facilitating the diffusion and adoption of mainstream standards

★ Collate and agglomerate domain specific ontologies and related metadata for cross domain interoperability

★ Harmonise solutions for FAIR data management and certification schemes for data repositories

★ Support the use case fro various communities in EOSC-Pillar

# Target groups

★ Methodology : establishing a list of identified recipients within 4 distinct groups

    ★ e-Infrastructures (including data repositories, data archives, digital archives of national museums, data/computing centres, grid infrastructure, HPC's, NREN's)

    ★ Research Infrastructures (of national relevance)

    ★ Funding bodies

    ★ Universities

# Landscaping FAIR – finding high level gaps

★Set of around 80 high level questions sent to research infrastructures, universities, data repositories, funders

★Survey implementation (WP3 lead by Lisa Hönegger , Universität Wien)

★Questions related to FAIR

　★How familiar are you with the concept of FAIR regarding data? [1 – familiar 4 – not familiar]

　★Does your organisation impose rules for funding on recipients concerning the following aspects: open access publications, data management plans, open research data, long-term availability of research data, compliance of data to the FAIR principles, publication of data in a repository? [scale from 1 - no regulation 4 - mandatory]

　★How FAIR do you consider your data holdings? [1 – very 4 – not at all]

# Collaboration between the EOSC related projects

★ To drive alignment between the EOSC projects a collaboration agreement is developed with support of ESOC-Secretariat

★ The CA foresees the setup of several task forces for each of the areas of common interest

★ Task Force tasks: a plan of activities, a strategy to coordinate activities, collaborating with EOSCSecretariat.eu

★ Landscape, National Policies & Governance, Service On boarding, Dissemination and Events, Training & Skills

★ Task Force FAIR data and Infrastructure
  ★ Lead: Renée Van Kessel (dans/FAIRsFAIR), Taskforce established . [Planned first telco on 26.9]
  ★ Review of and standardization of **FAIR policies** -  to enable FAIR-aligned services and repositories
  ★ FAIR **technical aspects** including metadata frameworks, interoperability, FAIR software and PID policy
  ★ FAIR **certification schemes** for repositories and services
  ★ Analysis of FAIR **guidelines and standards** in light of the local and disciplinary context to enable adoption
  ★ Development and adaptation of FAIR **assessment tools** - including but not limited to DMPs, licenses and datasets.

★ EOSCsecretariat will help the synchronization with the EOSC Working Groups and EOSC governance (GB, EB)

# Thank you!

## Get in touch with us!

www.eosc-pillar.eu

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