



# Health Data Task Force

Ignacio Blanquer, EOOSC-A BoD

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# eosc 1) The EOSC-A TFs

50 experts, focused on extending the FAIR metrics beyond the repositories and considering a wide range of objects.

## 1 FAIR Metrics and Digital Objects

1



Klaus Tochtermann

57 experts, focused on Technical Interoperability of services, Semantic interoperability of Data and AAI.

## 2 EOSC Technical and Semantic Interoperability

2



Bob Jones

37 experts, focused on defining policies for retention, appraisal, and re-appraisal of data.

## 3 Long-term Data Retention

3



Sara Garavelli

44 experts, focused on the convergence of EOSC and EHDS in relation to the interoperability of health data.

## 4 Health Data

4



Ignacio Blanquer

# eosc The EOSC-A Health Data TF: Background and scope

- The Health Data Task Force focuses on the common aspects of the **interoperability** and **sharing of health data and services** among the European Health Data Space (**EHDS**) and other related activities with **EOSC**.
  - Especially on interoperability (**semantic interoperability** in an **international** environment) and **reusability** (licences and consents).
- Alignment to the EOSC SRIA
  - S06: Fostering of an increased number of services and resources **across disciplines**
  - S08: Coordination with the **Data Spaces** (S08).
  - O04: Co-develop discipline-**specific standards**
  - Priorities of the Multi-Annual Roadmap
    - Objective 1: **Liaison with HE projects** and the domain specific environments
    - Objective 2: Interoperability with **Data Spaces**.



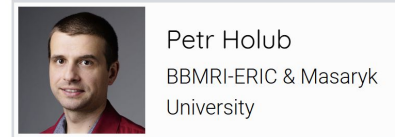
# eosc The EOSC-A HD TF: Key Focus Areas

- KFA1: Identify business process models (i.e., needs and requirements) of **health data research projects**, understanding their limitations and capabilities in the **context of EOSC**.
- KFA2: **Map and align** the health research projects **business process** models to **EOSC** specific **services and tools** (Findability, AAI, Technical and Semantic interoperability, etc.), expecting collaboration with the TFs in the Technical Challenges Advisory Group.
  - Especially with the needs of the European Health Data Space for secondary use infrastructure (HealthData@EU).
- KFA3: Propose **solutions** to enable the **alignment** with EOSC actors relevant to the **Health Data** domain (the **research health** data community, **research infrastructures** (ERICs) and the **e-Infrastructures**).
- KFA4: Foster the development of **partnerships** among EOSC and EHDS communities.

# The EOSC-A HD TF - Objectives

## Objectives

### Co-chairs

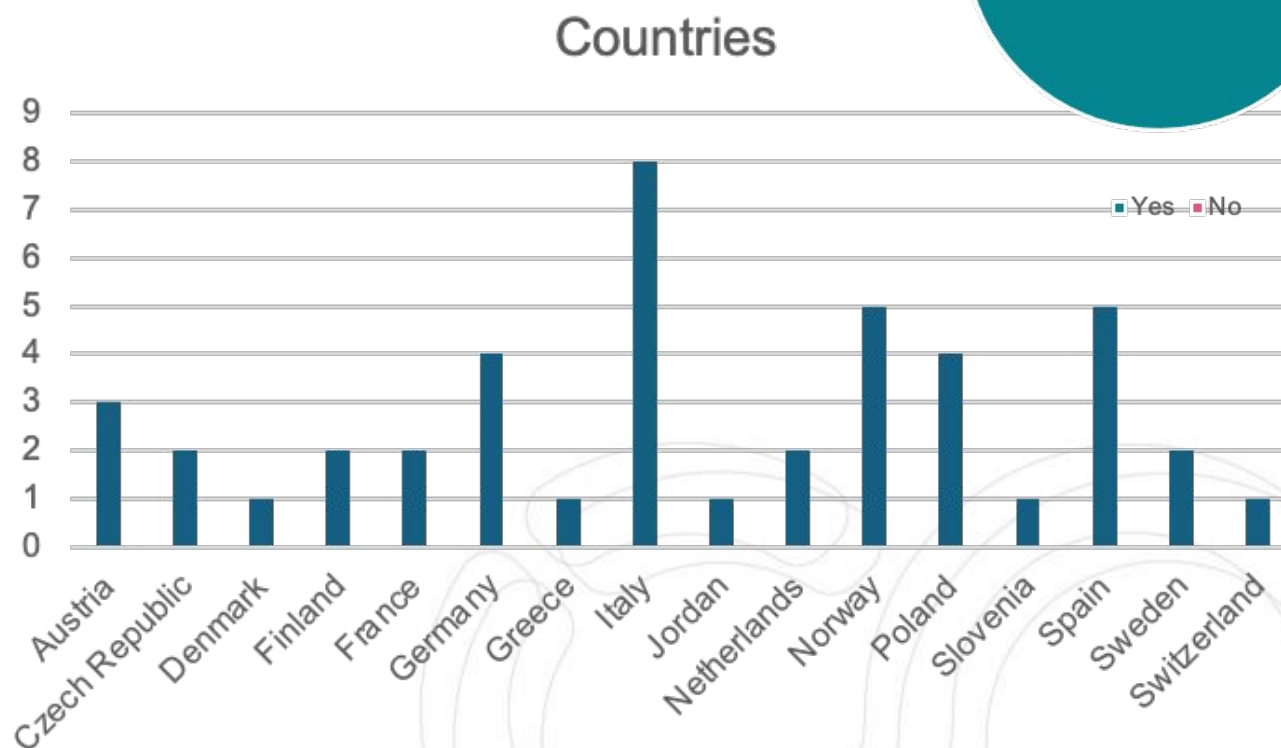
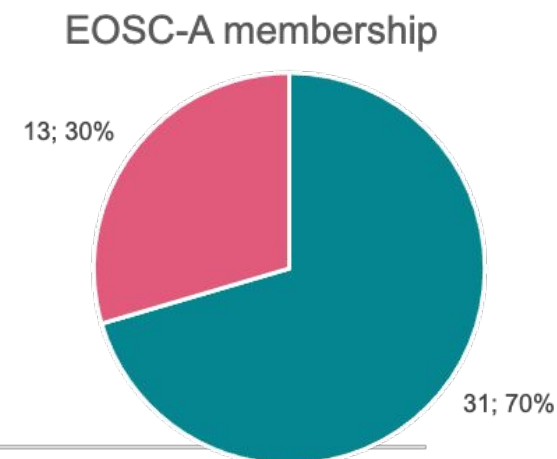
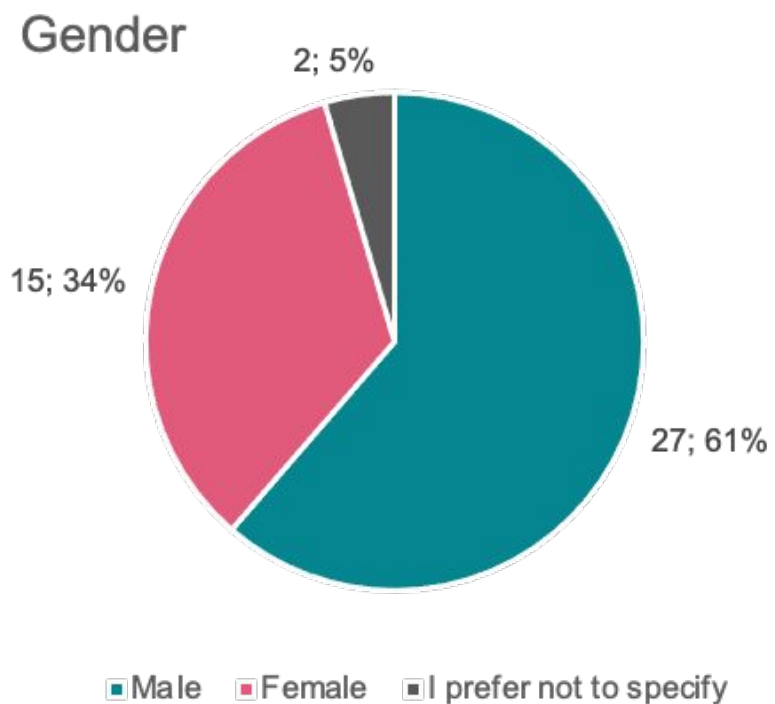


### Members

<b>Aastha Mathur</b> Euro-BiImaging ERIC	<b>Anna Maria Paganoni</b> Politecnico di Milano	<b>Anne Heidi Skogholt</b> HelseDirektoratet	<b>Barbara Martelli</b> INFN
<b>Bernd Saurugger</b> TU Wien	<b>Christine Stansberg</b> UIB	<b>Dario Gregori</b> University of Padua	<b>David Ožura</b> OJ Ljubljana
<b>David Rodríguez González</b> CSIC	<b>Evangelia Minga</b> INAB - CERTH	<b>Gard Thomassen</b> Universitetet i Oslo	<b>Georg GOEBEL</b> BBMRI-ERIC
<b>Gorka Epelde</b> Vicomtech	<b>Guy Courbebaisse</b> CGE	<b>Helena Lodenius</b> CSC	<b>Ina Nepstad</b> Sikt
<b>Irene Marin Radoszynski</b> GIBI230 - IISLAFE	<b>Jacques Demotes</b> ECRIN-ERIC	<b>Jakub Ołędzki</b> WIM-PIB	<b>Jan Korbel</b> EMBL
<b>Jan-Willem Boiten</b> DTL	<b>Joanna Badura</b> EMAG	<b>Juan Gonzalez-Garcia</b> IACS	<b>Lene Krøl Andersen</b> DTU
<b>Maddalena Fratelli</b> EATRIS	<b>Marco Prenassi</b> Area Science Park	<b>Mario Reale</b> GEANT Association	<b>Matthias Löbe</b> IMISE U Leipzig
<b>Michał Kosiedowski</b> IBCH PAS	<b>Miroslav Ruda</b> CESNET	<b>Olga Giraldo</b> DKFZ	<b>Paal Saetrom</b> NTNU
<b>Petr Holub</b> BBMRI-ERIC	<b>Piotr Sobecki</b> OPI PIB	<b>Raed Al-Zoubi</b> ASREN	<b>Rikard Lövdström</b> Karolinska University Hospital
<b>Salvador Capella-Gutierrez</b> BSC	<b>Sara Colantonio</b> CNR	<b>Stefano Claudio Gorini</b> ETH Zürich	<b>Stefano Diciotti</b> Università di Bologna
<b>Stefano Volinia</b> University of Ferrara	<b>Veronika Ambrozova</b> Masaryk University	<b>Ville Tenhunen</b> EGI Foundation	<b>Wolmar Nyberg Åkerström</b> Uppsala University

- Define the EOSC Strategy towards the extensive use of Health Data in research projects through the identification of requirements, regulations and the ethical and legal grounds to make the access and processing of health data equitable (e.g., impartial and just) and safe.
- Foster the interoperability with EHDS including legal, organisational, semantic and technical interoperability requirements, to minimise redundancies and maximise synergies between EOSC and EHDS.
- Build networks and partnerships mobilising EOSC and EHDS communities.

# eosc The EOSC-A HD TF: Composition



- Arab States Research and Education Network (ASREN)
- CESNET
- The Danish National LifeScience Supercomputing Center (Computerome), DTU
- Barcelona Supercomputing Center (BSC)
- GÉANT Association
- Institute of Bioorganic Chemistry - Poznan Supercomputing and Networking Center
- EGI Foundation
  - BBMRI-ERIC
  - EATRIS
  - European Clinical Research Infrastructure Network (ECRIN-ERIC)
  - European Molecular Biology Laboratory (EMBL)
  - Conférence des Grandes Ecoles (CGE)
  - Consejo Superior de Investigaciones Científicas (CSIC)
  - Consiglio Nazionale delle Ricerche (CNR)
  - CSC - IT Center for Science Ltd
  - ETH Zürich
  - Istituto Nazionale di Fisica Nucleare (INFN)
  - Łukasiewicz Research Network – Institute of Innovative Technologies EMAG
  - National Information Processing Institute
  - Area Science Park
  - Masaryk University
  - Norwegian University of Science and Technology (NTNU)
  - Politecnico di Milano
  - Alma Mater Studiorum - Università di Bologna
  - Università degli Studi di Ferrara
  - Università Degli Studi di Padova
  - Universitetet i Oslo
  - University of Bergen (UiB)
  - Uppsala University
  - German Cancer Research Center (DKFZ)
  - Technische Universität Wien (TU Wien)
  - GIBI230 - IISLAFE
  - IMISE U Leipzig
  - Institute of Applied Biosciences (INAB), Centre for Research and Technology Hellas (CERTH)
  - Institute of Oncology Ljubljana
  - Instituto Aragonés de Ciencias de la Salud
  - Karolinska University Hospital
  - Military Institute of Medicine National Research Institute
  - Stichting Dutch Techcentre for Life sciences (DTL)
  - The Norwegian Directorate of Health
  - Sikt - Norwegian Agency for Shared Services in Education & Research

**Activity 1: Map involvement of different stakeholders** with EOSC and EHDS on the national level in all relevant countries.

Engage with stakeholders to **identify user journey** of health data research projects, understanding their limitations and capabilities in the context of EOSC.

**Outcome:** Expert recommendations on how to address user journey challenges when processing health data research projects

**Activity 2: Identification of gaps, redundancies, and possible synergies** regarding different user journeys of researchers in **EHDS and EOSC. Explore on European, national and local (data source institutions) level.** Explore EOSC-related activities on **Trusted Research Environments** and how they match Secure Processing Environments defined by EHDS. **Consider parallel activities and efforts**, e.g. GDI, EUCAIM and EU Research Infrastructures, that might benefit and complement efforts in the connection of EOSC and EHDS for the use of health-related data for research and policy-making purposes.

**Outcome:** Deliverable 2

**Activity 3: Defining strategic view of involvement of EOSC with health data and EOSC** supporting establishment and operations of EHDS.

**Outcome:** Deliverable 3





<b>Month</b>	<b>Type of outcome</b>	<b>Title</b>
Q4 2024	Deliverable 1	EOSC-A Health Data TF strategy & workplan
Q2 2025	Deliverable 2	Identification of gaps, redundancies, and possible synergies regarding different user journeys of researchers in EHDS and EOSC
Q2 2026	Deliverable 3	Strategic view of EOSC supporting the adoption of EHDS



# EOSC-A HD TF: Working Methodology

The day to day collaboration of the Task Force will happen through the mailing list.

Regular video conference calls will be used to coordinate the work. The EOSC-A Health Data Task Force will solicit input from the community at large through workshops. We envisage to arrange workshops, preferable co-located with high profile events where the community at large is represented.

Decisions in the EOSC-A Health Data Task Force will be based on respectful and fair discussion within the TF and the principle of rough consensus to be determined by the Task Force Co-chairs and confirmed on the list.