

SND webinar December

11, 2024

EOSC-A

Health Data Task Force

Rikard Lövström, MD

Specialist in general medicine

Senior Health Data Expert

Karolinska University Hospital

Affiliations with
Karolinska Institute
SciLifeLab
Swelife

Conclusions and next steps

- Health Data TF focus on interoperability and FAIR
- Activity 1 December 18 to map involvement of different stakeholders with EOSC and EHDS in the countries. Output how to address user journey challenges
- My own take on important matters:
 1. **Metadata question is crucial** – the research community should raise the question about preferred standards (SNOMED CT, OMOP etc) to DCAT-AP
 2. Standardize from clinical contact and then on
 3. Use OpenEHR&SNOMED CT, FHIR, OMOP
 4. Automated conversions to OMOP

EOSC-A Health Data Task Force members

Board Liaison



Ignacio BLANQUER
Universitat Politècnica de
València

Co-chairs



**Lene Krøl
Andersen**
Computerome, DTU



Petr Holub
BBMRI-ERIC & Masaryk
University

Members

Aastha Mathur
Euro-BioImaging ERIC

Bernd Saurugger
TU Wien

David Rodríguez González
CSIC

Gorka Epelde
Vicomtech

Irene Marín Radoszynski
GIBI230 - IISLAFE

Jan-Willem Boiten
DTL

Maddalena Fratelli
EATRIS

Michał Kosiedowski
IBCH PAS

Petr Holub
BBMRI-ERIC

Salvador Capella-Gutierrez
BSC

Stefano Volinia
University of Ferrara

Anna Maria Paganoni
Politecnico di Milano

Christine Stansberg
UiB

Evangelia Minga
INAB - CERTH

Guy Courbebaisse
CGE

Jacques Demotes
ECRIN-ERIC

Joanna Badura
EMAG

Marco Prenassi
Area Science Park

Miroslav Ruda
CESNET

Piotr Sobecki
OPI PIB

Sara Colantonio
CNR

Veronika Ambrozova
Masaryk University

Anne Heidi Skogholt
Helsedirektoratet

Dario Gregori
University of Padua

Gard Thomassen
Universitetet i Oslo

Helena Lodenius
OSC

Jakub Olędzki
WIM-PIB

Juan Gonzalez-Garcia
IACS

Mario Reale
GÉANT Association

Olga Giraldo
DKFZ

Raed Al-Zoubi
ASREN

Stefano Claudio Gorini
ETH Zürich

Ville Tenhunen
EGI Foundation

Barbara Martelli
INFN

David Ožura
OI Ljubljana

Georg GOEBEL
BBMRI-ERIC

Ina Nepstad
Sikt

Jan Korbel
EMBL

Lene Krøl Andersen
DTU

Matthias Löbe
IMISE U Leipzig

Paal Saetrom
NTNU

Rikard Lövström
Karolinska University Hospital

Stefano Diciotti
Università di Bologna

Wolmar Nyberg Åkerström
Uppsala University

EOSC-A Health Data Task Force European Open Science Cloud – Association

Health Data Task
Force (1 of 4 task
forces)

- The Health Data Task Force focuses on the common aspects of the interoperability, sharing and reuse of health data and services among the European Health Data Space (EHDS) and other related activities with EOSC, in compliance with FAIR principles.
- The main objective of this TF is to define the EOSC strategy towards the extensive use of health data in research projects through the identification of special requirements, regulations and the ethical and legal grounds to make the access and processing of health data in the context of EOSC fair and safe. Also, this TF will foster interoperability with the European Health Data Space for secondary use infrastructure (HealthData@EU) through the identification of common services and formats in the EOSC Nodes arena.



Health Data TF Main Objective

The main principles and delivery objectives:

- Define the EOSC **Strategy** towards the extensive use of Health Data in research projects through the identification of special requirements, **regulations** and the ethical and legal grounds to make the access and processing of health data in the context of EOSC fair (e.g., impartial and just) and safe.
- Foster the interoperability with European Health Data Space for secondary use infrastructure (HealthData@EU) through the identification of common services and formats in the EOSC Nodes arena.
- Build networks and partnerships mobilising EOSC and EHDS communities

Key Focus Areas

The TF defines a set of measurable Key Focus Areas (KFAs) contributing to the main objective:

- 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
- 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.
- KFA5: Map and align EOSC solutions with the European Health Data Space needs for secondary use infrastructure (HealthData@EU).

Activity 1

- 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.
- Wednesday 18 Dec 2024 · 10am – 3pm (Central European Time - Madrid)
- Celia Alvarez Romero- organiser