

EOSC-ENTRUST 1st Requirements and Capabilities Workshop - Day 2

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Welcome to the 1st EOSC-ENTRUST Requirements and Capabilities Workshop



Please remain muted unless you are invited to speak by the Chair



Attendees are encouraged to have their camera on when appropriate (bandwidth and circumstances allowing)



Please use the “hand-raising function” to indicate you would like to contribute directly



Please use “Chat” for further comments or discussions.



The meeting will start at the top of the hour



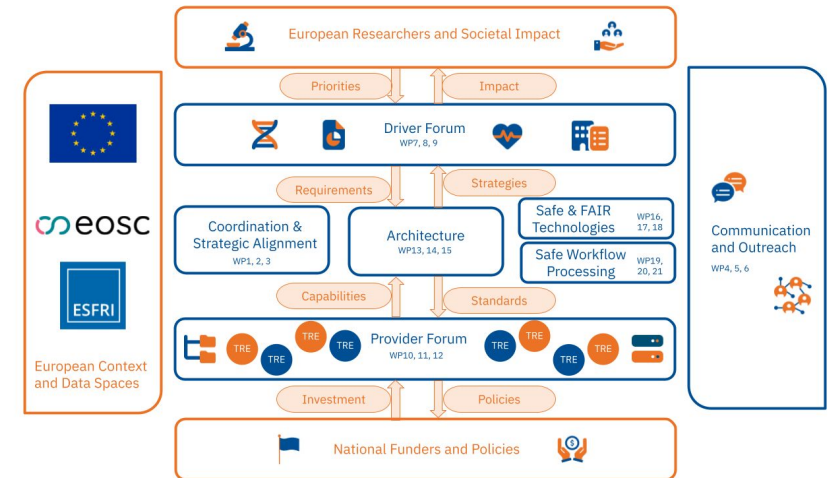
This meeting will be run in line with the ELIXIR Code of Conduct
If you have any concerns, please refer to the Code of Conduct on the ELIXIR website

Adapted from [ELIXIR housekeeping slides](#)



Workshop objectives

- ★ Defining a set of minimal requirements needed, a minimal conceptual description of what a blueprint is
- ★ Bringing together perspectives from architecture as well as from Driver and Provider forum point of view
- ★ Providing input for the related deliverable “D13.1 - Draft Roadmap for EOSC-ENTRUST Blueprint”, the “initial version of a roadmap document presenting the steps needed for the blueprint”.



Agenda 7 May

Time	Session	Presenter
12:00-12:30	Opening <ul style="list-style-type: none"> • Words of welcome • Housekeeping • Round-table of introductions • Objectives of the workshop 	Susanna Repo Pål Sætrom
12:30-13:15	Introduction <ul style="list-style-type: none"> • Five safes • First overview: Draft Roadmap • Discussion 	Chris Cole Heikki Lehvälaiho
13:15-13:30	Break	
13:30-14:45	Session on requirements (Drivers) <ul style="list-style-type: none"> • Driver 1 (FEGA) Perspective • Driver 2 Perspective • Driver 3 Perspective • Driver 4 Perspective • Discussion 	Jan-Willem Boiten, Driver Representatives
14:45-15:00	Break	
15:00-16:00	Session on capabilities (Providers)	10+5 minutes each
	<ul style="list-style-type: none"> • Presentation on SATRE • Presentation on Tryggve • Presentation on de.NBI 	<ul style="list-style-type: none"> • Chris Cole • Abdulrahman Azab • Nils Hoffmann, Fabian Paz, Christian Buggedei
	Discussion	
16:00-16:15	Closing and preparing for the next day	Susanna Repo

[Link to Agenda](#)

[Link to collaborative minutes](#)

Day 1 – Discussions/main takeaways (1/3)

Introduction – [Five Safes](#), First architecture overview

- People, Projects, Settings, Data, Outputs
 - Adjustable/tiered safe levels (Safe “sliders”)
 - Tiered classification of data (e.g. [Alan Turing Institute 5 tiers](#))
- Extensions needed for network of TREs?
 - E.g. data/workflow transfer between TREs
 - Safe Interoperability
 - Safe (cloud) Compute, Safe Return (data ingestion, return of results)
 - Data across jurisdictions (Legal Interoperability)
- Enterprise Architecture as modelling tool
 - Match concepts with right level of abstraction to avoid confusion
- ENTRUST covers more than health data
 - Catch other use-cases, not just health
 - Tiered data vs. Tiered TREs
 - Alignment with e.g. EHDS still important

Day 1 – Discussions/main takeaways (2/3)

Interoperability Requirements (Drivers)

- User identity certification/management (D: 1, 2, 3)
- Data transfer; Combining different data sources (D: 1, 3)
 - Genetic and phenotypic data (D1)
 - Individual data from multiple repositories (D3)
- Information sec. Standards and certification (D: 1, 2, 3)
 - DACs decide Who, Which, How, and For what (D1)
 - Data access levels; Legal framework (Governance) (D2)
- Data and metadata standards (D: 2, 3)
 - Many and varying levels of standardization (D3)
 - Data curation training (D2)
- Statistical disclosure control; Output checker certification (D2)
- Legal/policy constraints for Private access to TREs (D4)
- Technical/resource constraints (e.g. commercial SW) (D4)
 - Need for TRE diversification

Day 1 – Discussions/main takeaways (3/3)

Interoperability capabilities (Providers)

- SATRE, Standard Architecture for Trusted Research Environment
 - 4 pillars, 29 capabilities, 160 statements
 - Potential starting point to evaluate (ENTRUST) TREs
 - Statement score thresholds as potential basis for tiered TREs
- Tryggve
 - Nordic cross-border biomedical research studies
 - Use-case focus; e.g. Federated EGA
 - Operational vs technical aspects
- de.NBI
 - Project-centric, standard operating procedures for data processing
 - Individual-centric (health data)

Beware vocabulary confusion

Community or jurisdiction-dependent definitions

- Primary vs secondary health data
- TRE, SPE, SCE

ENTRUST vocabulary?

Day 1 – Discussions/main takeaways

Interoperability Requirements (Drivers)

- FEGA
 - DACs: Who, Which, How, and For what
 - Must: Data transfer, User identity
 - Combine with other data (at TREs; data ingestion)
- SSHOC interoperability musts/shoulds
 - Data/metadata standards; Data curation training (Capabilities)
 - Data access levels; Legal framework (Governance)
 - Data access requirements; Researcher certification (Account mng)
 - Technical requirements; Certification (Governance)
 - Statistical disclosure control; Output checker certification (Capabilities)
- ECRIN
 - Standards – Many and varying levels of standardization
 - Governance – Data controller is often the data collector
 - Account management – Federated access to (multiple) repositories of individual participant data (IPD)
 - Challenge: Combining IPD from multiple repositories
- Health & Environmental Science in PPP
 - Legal/policy constraints for Private access to TREs
 - Technical/resource constraints on providing tailored workspaces (e.g. commercial SW)

Agenda 8 May

[Link to Agenda](#)

[Link to collaborative minutes](#)

Time	Session	Presenter
12:00-12:30	Opening <ul style="list-style-type: none">• Welcome• Discussion on main take-aways from previous day	Pål Sætrom
12:30-13:15	TRE inventory and survey <ul style="list-style-type: none">• TRE inventory / survey information model• Timeline for the survey• Invitation to contribute	Heidi Laine
13:15-13:30	Break	
13:30-14:15	Input from aligning projects <ul style="list-style-type: none">• Presentation on TEHDAS2 - Alignment with EOSC-ENTRUST• Presentation on EHDS-NORTRE gap analysis• Discussion	Helena Lodenius Christine Stansberg
14:15-14:30	Break	
14:30-16:00	Open discussion on the blueprint roadmap (breakout rooms) <ul style="list-style-type: none">• Interoperability• Governance• Standards and interfaces	Susanna Repo
16:00-16:15	Closing remarks	Pål Sætrom Susanna Repo



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Closing: Outlook/Next Steps

D13.1 Draft Roadmap for EOSC-ENTRUST Blueprint

- Outcomes from this workshop to be included
- Reviewers needed
- Preliminary (tight!) schedule
 - May 13-17 (next week): finalising draft and send to EOSC-ENTRUST coordination
 - May 20-24: review phase + update?
 - May 27-28: MB/WPL circulation
 - May 29: Final version to be sent to Coordination

Next workshop organised by WP13-15:

“First EOSC-ENTRUST Evaluation & Adoption Workshop”

- Dates to be confirmed soon (Sept/Oct 2024) - **stay tuned**

We welcome your feedback

[1st EOSC-ENTRUST Architecture Workshop Feedback](#)