VIENNA 2025 JUNE 23/27

IHE EUROPE CONNECTATHON

Introducing the Plugathons for EHDS: Hands-On Interoperability for the European Health Data Space

IHE PLUGATHON 23/27 JUNE 2025 VIENNA

VIENNA 2025 JUNE 23/27
IHE EUROPE CONNECTATHON®

- Please keep your microphone **muted**
- **Questions during the session?** Please use the chat box. We will address the questions in the second part of the webinar
- Slides will be **available on IHE Connectathon webpage**
- After the webinar, you can find the recording in IHE Europe YouTube channel

IHE PLUGATHON VIENNA 2025

Agenda

13:00 – 13:05	**Welcome**	Nicole Veggiotti
13:05 – 13:15	**Plugathon for EHDS - Patient-mediated**	Jürgen Brandstätter
13:15 – 13:25	**Plugathon for EHDS - Healthcare provider-mediated**	Inesa Kopylova
13:25 – 13:35	**xShare in the Plugathon**	Catherine Chronaki
13:35 – 13:45	**MH@MH in the Plugathon**	Zoltan Lantos
13:45 – 13:55	**i2X in the Plugathon**	Diogo Martins
13:55 – 14:00	**Q&A**	

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IHE PLUGATHON VIENNA 2025

Jürgen Brandstätter presents

General introduction on Plugathon for EHDS - Patient mediated health information exchange

Plugathon Overview

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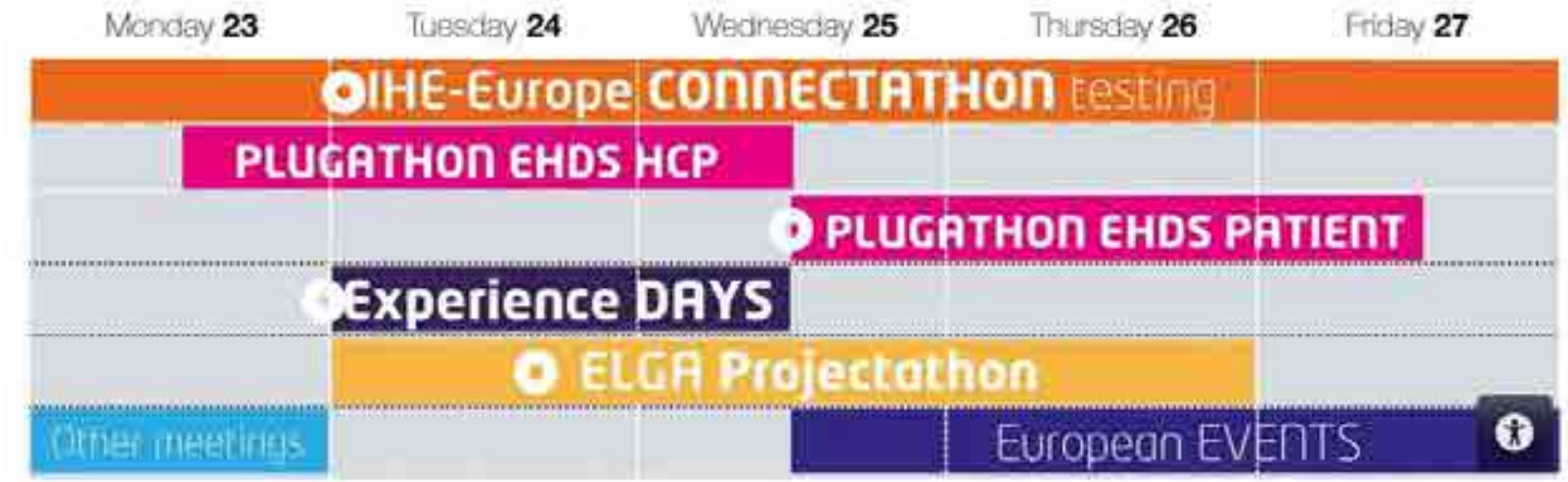
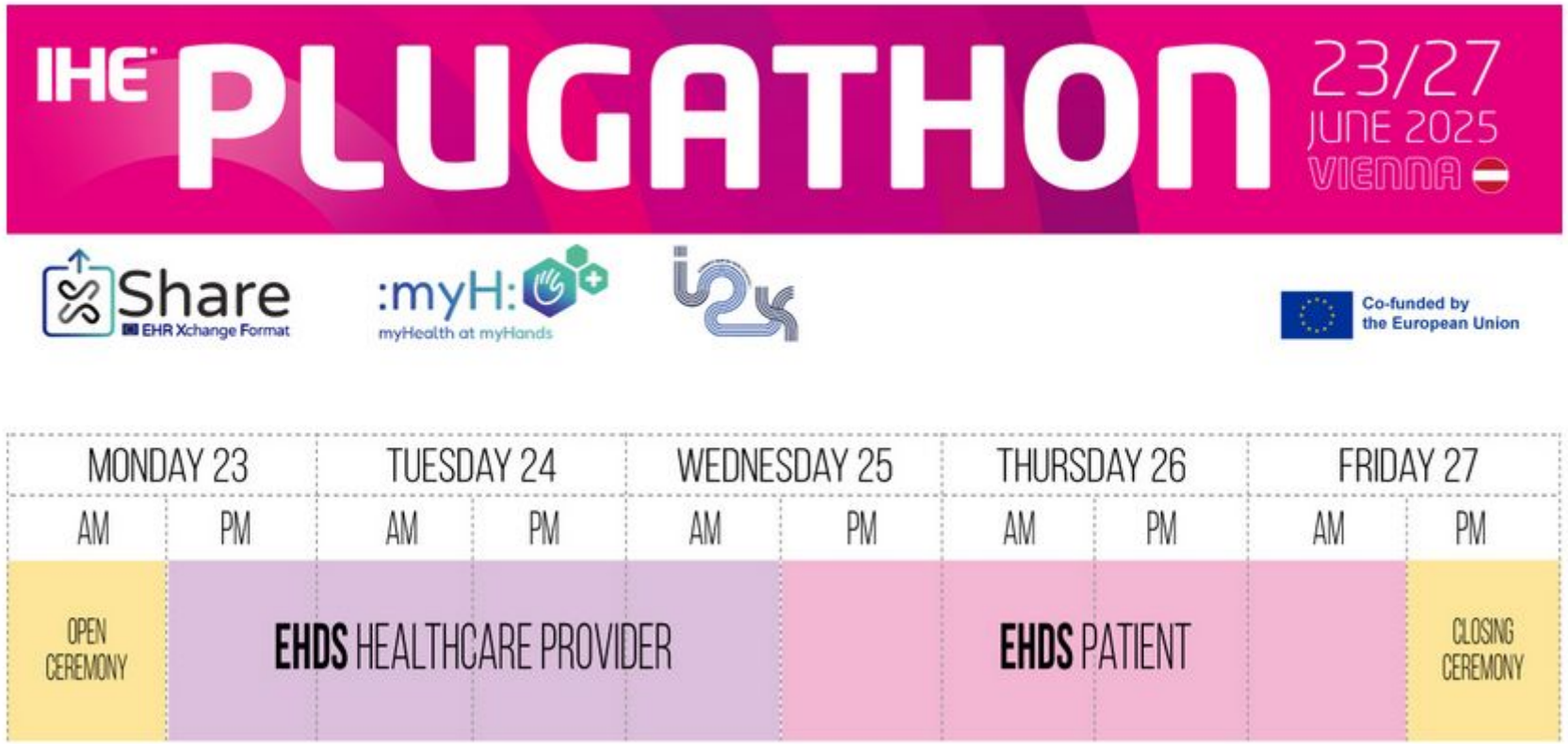
VIENNA 2025 JUNE 23/27



https://connectathon.ihe-europe.net/

Plugathon Overview



https://connectathon.ihe-europe.net/ihe-plugathon-2025

Plugathon Overview

Plugathon for EHDS – Patient-mediated health information exchange
Wednesday 25 - Friday 27

Track 1: The xShare Yellow Button and the xShare Industry Label

Description: The goal is to test and validate the **xShare Yellow-Button**, developed by the EU project "xShare", which support Download/Upload and One-time Share of priority data categories in the **European Health Data Space** (**EHDS**):
- Patient Summary
- Laboratory Report
- ePrescription/eDispense
- Radiology Report
- Hospital Discharge Summary

Track 2: European MyHealth@MyHands project

Description: The goal is to test and validate the patient-mediated exchange of health information in the newly started EU project **MyHealth@MyHands**. It will have a focus on **ePrescription/eDispense** using the EUID Wallet and providing testing and co-creation on the topic.

Download the Plugathon description

2 tracks!

Plugathon for EHDS - Patient-mediated health information exchange (xShare)

Main focus: Test and validate the xShare Yellow-Button, which support Download/Upload and One-time Share of priority data categories in the European Health Data Space (EHDS)

KEY OBJECTIVES:

- **Support the industry** in complying with the EHDS regulation requirements
- Becoming **familiarized** with the xShare "Yellow Button" Implementation Guide
- **Verified technical and semantic requirements** of xShare "Yellow Button" Upload/Download and one time share using SmartHealthLinks (SHL)
- **Receive the xShare Industry Label** 2025 edition

DATA PRIORITY CATEGORIES:

- Patient Summaries
- ePrescriptions/eDispensations
- Laboratory Results
- Imaging & Imaging Reports
- Hospital Discharge Reports

EHDS-Project involved: xShare

Plugathon for EHDS - Patient-mediated health information exchange (xShare)

PARTICIPANTS WILL:

- Get valuable inputs and provide feedback, during the educational part of the track, on **xShare specifications**, best practices and the **xShare "Yellow Button" Implementation Guide**.
- **Test xShare Yellow-Button functionality** and prepare for the xShare open calls
- Conducting **technical and semantic tests** for Yellow-Button content specifications
- **Evaluate one-time-share** sharing using **SmartHealthLinks (SHL)** in the European Health Data Space (EHDS)
- **Test their solutions** and provide feedback for recommendations on the digital testing environment

TARGET AUDIENCE

- EHR manufacturers
- Patient portal vendors
- Mobile health/wellness app developers
- National and regional health authorities designing EHDS-compliant patient interfaces
- Implementers of innovative digital health solutions powered by EHDS priority data categories

Plugathon for EHDS - Patient-mediated health information exchange (MyHealth@MyHands)

Main focus: Test and validate the patient-mediated exchange of health information in the newly started EU project "MyHealth@MyHands".

KEY OBJECTIVES:

- **Becoming familiarized** with the **base concepts of patient-mediated sharing of health information** and the EU project MyHealth@MyHands
- **Verified technical and functional capabilities** of patient-mediated health data sharing
- **Becoming familiarized** with the MyHealth@MyHands patient-mediated sharing of health information using the **EUID Wallet** at the example of ePrescription/eDispensation
- **Recommendations for evolving** EHDS patient-facing services

PRIORITY DATA CATEGORIES:

- ePrescription (using the EUID Wallet)

EHDS-Project involved: MyHealth@MyHands

Plugathon for EHDS - Patient-mediated health information exchange (MyHealth@MyHands)

PARTICIPANTS WILL:

- Covering the general aspects of **patient-mediated health information exchange** and **MyHealth@MyHands EUID Wallet** architecture
- Explore user experience and workflow aspects of the **MyHealth@MyHands scenario ePrescription** utilizing the new EUID Wallet specifications, by show cases provided by experts from other EU projects (e.g., **POTENTIAL, PATHed**)
- **Testing of your implementation** with provided test tools, with focus on the “remote”-use case of the EUID Wallet (online connection)
- Optionally **evaluate patient-mediated sharing** of the European Health Data Space (EHDS) data category priorities

TARGET AUDIENCE

- Patient portal vendors
- Mobile health/wellness app developers
- National and regional health authorities designing EHDS-compliant patient interfaces
- Implementers of MyHealth@MyHands related solutions

General Introduction Plugathon for EHDS Patient-mediated health information exchange

EDUCATIONAL PART
25.06.2025 12:00 – 17:00

- EHDS and EEHRxF
- xShare, MyHealth@MyHands
- Dive-in EEHRxF FHIR Implementation Guides

TESTING
26.06.2025 09:00 – 17:00

- VIP-Tour to Connectathon Floor
- Preparation for Testing
- Test configuration
- Testing, Breakout sessions

RESULTS AND AWARDING
27.06.2025 09:00 – 14:00

- Testing, Breakout sessions
- Test Results, Awarding & Celebration

Lunch is included on all days

EXPECTED OUTCOMES

- **Becoming familiarized** with the **base concepts of patient-mediated sharing of health information** and the EU project MyHealth@MyHands
- **Best practices for EHDS component integration**
- **Stronger collaboration among Member States, vendors, and implementers**

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IHE PLUGATHON VIENNA 2025

Inesa Kopylova presents

General introduction on Plugathon for EHDS - Healthcare provider mediated health information exchange

General Introduction Plugathon for EHDS Provider-mediated health information exchange

Monday 23 - Wednesday 25

Main focus: Testing & Validation of Healthcare Provider-to-Provider Data Exchange aligned with the European Health Data Space (EHDS) and MyHealth@EU Cross-Border Sharing.

KEY OBJECTIVES:

- **Examine FHIR®-based Specifications** for the European Electronic Health Record Exchange Format (EEHRxF) and their alignment with EHDS priorities.
- Seamless **Sharing of Health Documents** across systems.
- Ensure Semantic Consistency and Cross-Border Interoperability through **real-world system testing**.
- Evaluate **Deployment Readiness** and the impact on health data exchange.

DATA PRIORITY CATEGORIES:

- Patient Summaries
- ePrescriptions / eDispensations
- Laboratory Results
- Imaging & Imaging Reports
- Hospital Discharge Reports

EHDS-Projects involved: Xt-EHR, i2x

General Introduction Plugathon for EHDS Provider-mediated health information exchange

PARTICIPANTS WILL:

- Gain insights on **EEHRxF and EHDS**-compliant integration strategies during educational track
- **Test FHIR®** Implementation Guides based on EHDS priority categories
- Review and provide feedback on draft **EEHRxF specs** (semantic alignment, FHIR® profiles, content mapping)
- Use **structured, coded clinical data** in practical scenarios
- Explore **alignment with national infrastructure** and EHDS services like MyHealth@EU

TARGET AUDIENCE

- National **eHealth teams &** digital health **authorities**
- **EHR vendors & developers** using FHIR
- **Healthcare providers** piloting cross-border data exchange
- **Standards experts** contributing to EHDS (e.g., i2x project)

General Introduction Plugathon for EHDS
Provider-mediated health information exchange

EDUCATIONAL PART
23.06.2025 12:00 – 17:00

- EHDS and EEHRxF
- Xt-EHR, i2x projects
- Dive-in EEHRxF FHIR Implementation Guides

TESTING
24.06.2025 09:00 – 17:00

- VIP-Tour to Connectathon Floor
- Preparation for Testing
- Test configuration
- Testing, Breakout sessions

RESULTS AND AWARDING
25.06.2025 09:00 – 14:00

- Testing, Breakout sessions
- Test Results, Awarding & Celebration

Lunch is included on all days

EXPECTED OUTCOMES

- **Validated FHIR ® IG implementations for EEHRxF**
- **Concrete feedback to improve EEHRxF specs**
- **Best practices for EHDS component integration**
- **Stronger collaboration among Member States, vendors, and implementers**

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Plugathon for **EHDS Patient**

Track 1: The **xShare Yellow Button** and the **xShare Industry Label**

Wednesday 25 to Friday 27

xShare EHR Exchange Format

Co-funded by the European Union

Presented by Catherine Chronaki

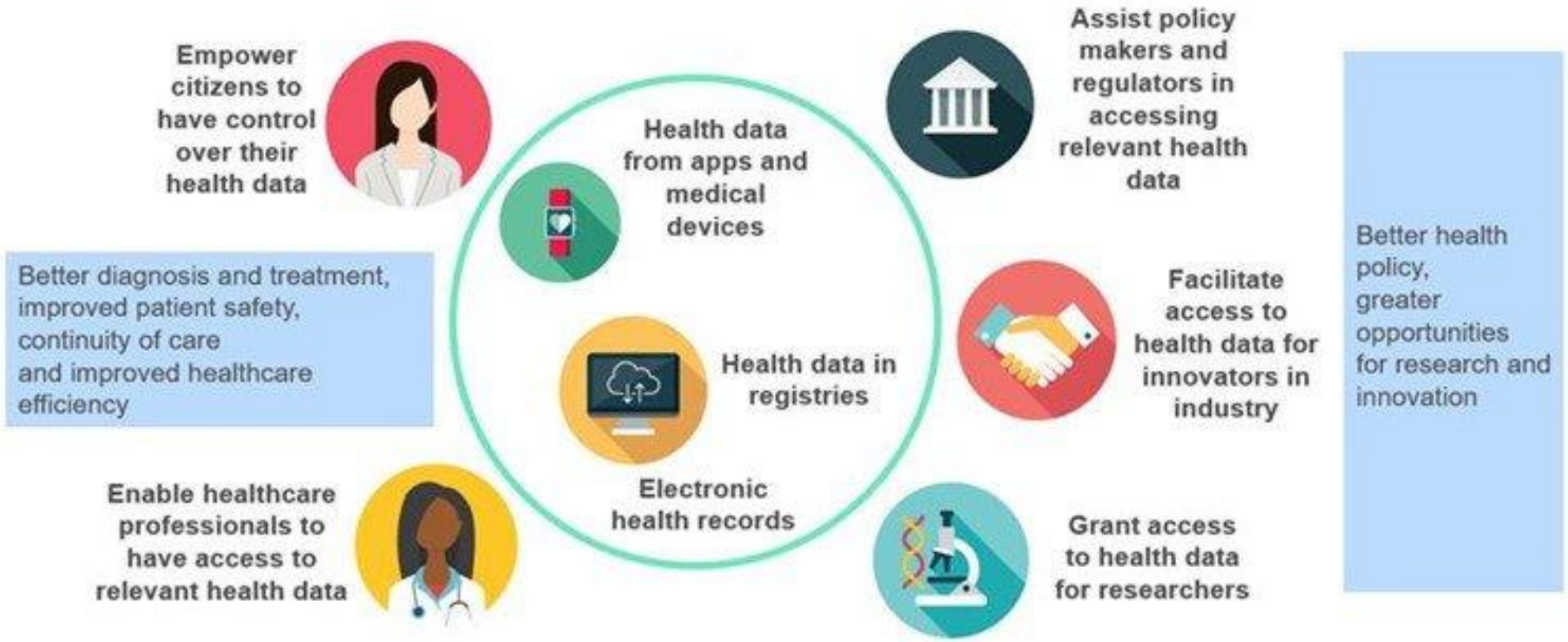
Expanding the European EHRxF to share and effectively use health data within the EHDS

Getting ready for the EHDS format for primary use (EEHRxF)
Preparing tools for citizens that control their data

Co-funded by
the European Union

The European Health Data Space

Unlocking the future of health data in Europe (March 6, 2025)



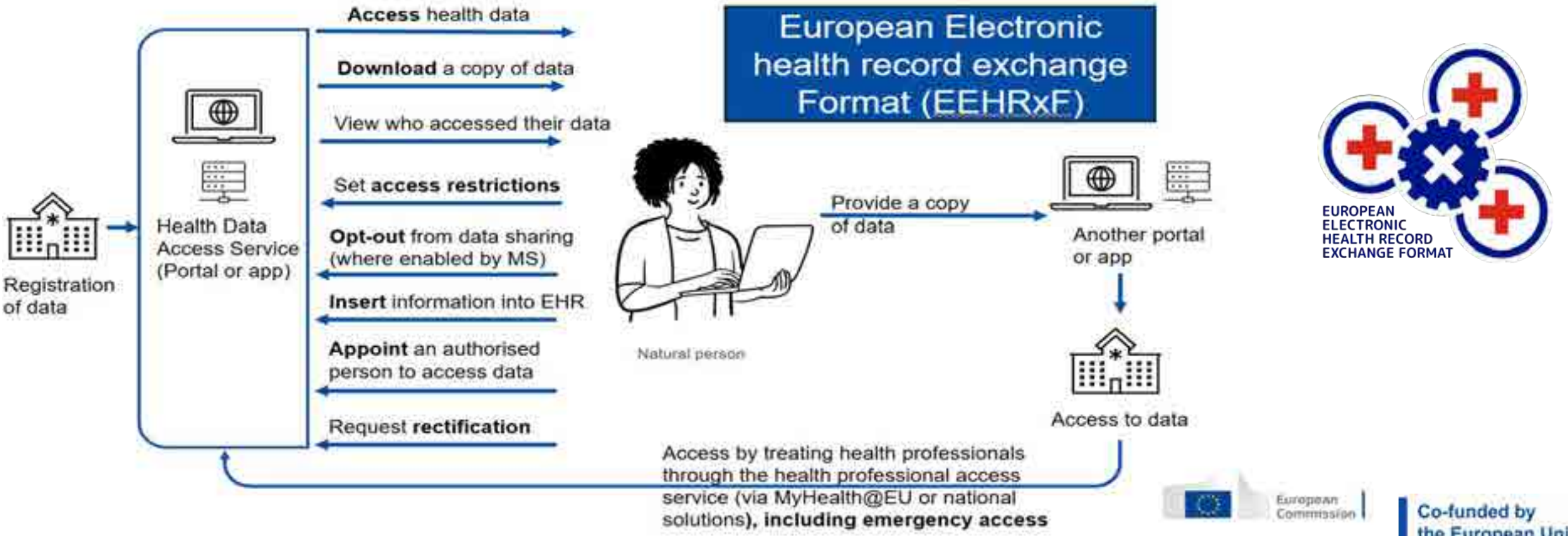
Co-funded by the European Union

The European Health Data Space

Unlocking the future of health data in Europe (March 6, 2025)

Share
EHR Xchange Format

Rights of natural persons in primary use



European Commission
Co-funded by the European Union

..Expanding the European **EHRxF** to

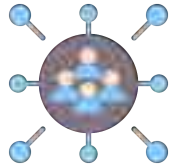
share and effectively use

health data within the **EHDS**

Co-funded by the European Union

The xShare three pillars

The “Yellow button”



The Hub

The Industry label

Everyone can **share their health data** in EEHRxF with a “**click-of-a-button**”

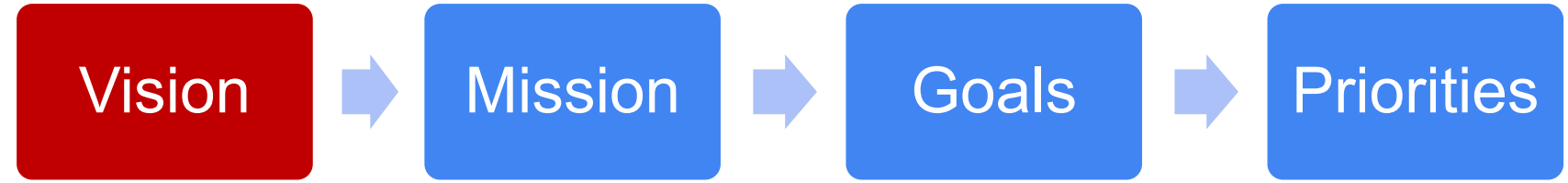
Build a **European EHRxF Standards and Policy Hub** sustainable by design.

Explore the **feasibility** and **value** of an EU xShare Industry label

Co-funded by the European Union

EHDS, the format, and xShare

xShare Vision: Everyone can share their health data in EEHRxF (the format) with a click-of-a-button in the European Health Data Space (EHDS)

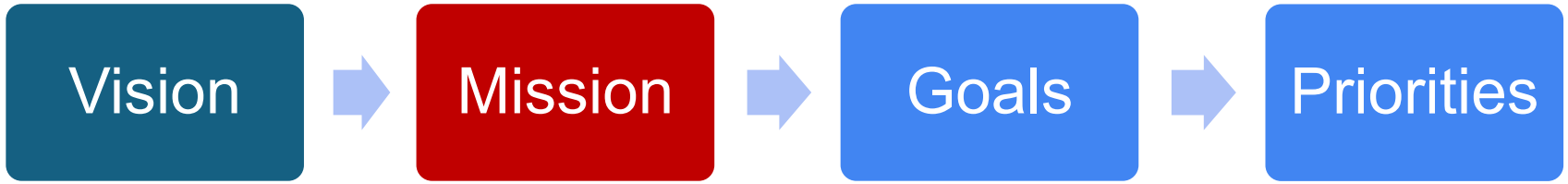


EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

Co-funded by the European Union

EHDS, the format, and xShare

xShare Mission: To experiment with evolving format specifications and identify future priority data categories, collaboratively preparing the digital health community for accelerated EHDS adoption.



EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

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EHDS, the format, and xShare

Vision → Mission → Goals → Priorities

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

- The **Button and API** (the yellow button): featured in apps and websites
- The **HUB** (the standards and policy HUB): brings global standards with industry and government to steward specifications and accelerate adoption
- The **Label** (the industry label): demonstrates the commitment and capability of the industry to implement the format

Global Standards

HL7 · IHE · IEEE · cdisc

The Hub

GDHP

Industry Driven

DIGITALEUROPE · MedTech Europe · EUCROF

Co-funded by the European Union

xShare “ Yellow ” Button Vision

Click ‘n share their health data in EEHRxF at click-of-a-button

Download

One-time share

Linked options

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

- Laboratory Report
- Hospital Discharge Report
- Patient Summary
- Digital Imaging Report
- ePrescription and Dispense
- IPS+R for Research
- Care Plans

Contact xShare: info@xshare-project.eu

Co-funded by the European Union

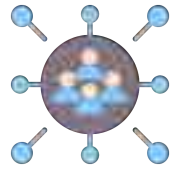
Vision: Everyone can effortlessly share their health data in the European EHRxF with just a **click-of-a-button.**

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

Share
EHR Xchange Format

- ***Key Points***

1. **xShare Button & Label:** ser-friendly feature across health portals and apps.
2. **Data Portability:** Empowering people to exercise GDPR rights, in trust & flow.
3. **European Electronic Health Records Exchange Format (EEHRxF) Impact:** Fosters citizen (and patient) engagement, driving research and innovation in the EHDS.
4. **Digital Compass 2030:** EU's vision for a human-centered, sustainable digital future.



The Hub

- ***Benefits***
  - Simplifies sharing of trusted health data and fosters citizen science

xShare Industry Label

BRONZE

- ✔ Self- declaration *(compliance with xShare Yellow Button Self-Conformance Statement)**
  - ❑ Download / One-time Share
  - ❑ For one or more of these priority categories: PS, Laboratory, Discharge Report, Medicine prescription/ dispensation, Digital image.

Supporting materials:

- *Self-declaration form (ZoHO form)*
- *Handbook for self-assessment*
- *xShare industry label website*

SILVER

- ✔ IHE support (*and certificate in an specific xShare plugathon*)*
  - q Download / One-time Share
  - q For one or more of these xBundles: PS, Laboratory, Discharge Report, Medicine prescription/ dispensation, Digital image.

Supporting materials:

- *Gazelle system*
- *xShare industry label website*
- *IHE plugathon website and material*

*Download / One-time Share

GOLD (example)

- ✔ Country/Region add-on in a current certification strategy and ecosystem

- ✔ ***Catalonia scenario:***
  - ❑ ***Dowload***
  - ❑ ***xBundle: Patient Summary***
  - ❑ ***3 Levels of maturity***

Supporting materials:

- *Self-declaration form (ZoHO form)*
- *Handbook*
- *xShare industry label website*
- *Label website for REGION*
- *FAQs document on REGION*
- *Contact info for questions*

Salut/ TIC Salut Social

Generalitat de Catalunya

Co-funded by the European Union

The xShare Consortium

xShare
EHR Xchange Format

Coordination

medcom

HL7 Europe

European EHRxF standards Hub (6 SDOs)

CEN TC251

HL7 Europe

DIGITALEUROPE

IHE

IEEE

SNOMED

cdisc

DNV

Action line #1
Data portability

gnomon

LNINOVA

Action line #3
Clinical Research

iHD

EUCROF

Action line #2
Population Health

EHTEL

CHARITÉ

X-Share Xbubbles: Demonstration & Scale up (9-11 countries)

Departament de Salut

HAIKA

medcom

TicSalut

University of Cyprus

Região Autónoma da Madeira
Governo Regional

DANISH HEALTH DATA AUTHORITY

SMEs (6) and Trade Associations (3+)

gnomon

DIGITALEUROPE

MedTech Europe

CINECA

Datawizard

MEDIQ

EUCROF

Monitoring & Evaluation

empirica

Capacity Building, Security & Privacy, Innovative Procurement

iscte

FORTH

Stakeholder Engagement/ Expert Roster

Research Infrastructures & Registries

CINECA

Associated Partners

DANISH HEALTH DATA AUTHORITY

MedTech Europe

SANOFI

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Introduction EHDS Plugathon for Natural Persons

«xShare Yellow Button» for patient facing products to receive the «xShare Industry Label»

Main focus: Prepare for the **EHDS apps and portals** with **xShare Yellow Button** Download/Upload and One-time Share via SmartHealthLinks using HL7 FHIR® IGs on all priority data categories in the EHDS

Successful products will receive the xShare silver industry label.

KEY OBJECTIVES:

- **Getting EHDS ready** for implementing the **EEHRxF** format
- **Explore the HL7 FHIR®-based Specifications** for the priority data categories reference in the xShare Button IG for EEHRxF
- Conduct technical and semantic tests ensuring Semantic consistency of heath data with **real-world personas.**
- Evaluate and demonstrate **Readiness for the EHDS**
- Review **Accessibility** of their "Yellow" Button functionality
- Test xShare "Yellow" Button functionality and prepare for xShare open calls
- Test one-time-share sharing using **SmartHealthLinks** in the EHDS.

PRIORITY HEALTH DATA CATEGORIES:

- Patient Summaries (Validation)
- ePrescriptions/eDispensations (Early Adopters)
- Laboratory Results (Validation)
- Imaging & Imaging Reports (Early Adopters)
- Hospital Discharge Reports (Early Adopt

Projects:

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

Source: EHDS_provider

«xShare Yellow Button» HL7 FHIR IGs Specification testing

For this version of the xShare Yellow Button **the only technical specifications to prove conformance with are the content specifications** listed below:

xBundle	HL7 FHIR IG
Patient Summary	HL7 International Patient Summary FHIR IG v1.1.0
Laboratory Report	HL7 Europe Laboratory Report FHIR IG v0.1.1
MyHealth@EU Laboratory Report	MyHealth@EU Laboratory Report FHIR IG v0.1.1

Early implementers might be interested in piloting the following on development specifications

xBundle	HL7 FHIR IG
Patient Summary	HL7 Europe Patient Summary FHIR IG (0.1.0-ci-build)
Hospital Discharge Report	HL7 Europe Hospital Discharge Report FHIR IG (0.1.0-ci-build)
Medicine Prescription and Dispense	HL7 EU Medication Prescription and Dispense FHIR IG v0.1.0-ci-build
Digital Imaging Report	HL7 EU Imaging Report FHIR IG v0.1.0-ci-build

Note: The list of possible download formats will be kept updated.

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

Introduction EHDS Plugathon for «Natural Persons»

«xShare Yellow Button» for patient facing products to receive the «xShare Industry Label»

PARTICIPANTS WILL:

Learn about **EHDS/ EEHRxF** implementation with **HL7 FHIR®** and **SmartHealthLinks** in the education track

- **Work with HL7 FHIR®** Implementation Guides on EHDS priority categories
- Review and provide feedback on draft **EEHRxF specs part of the xShare «Yellow» Button**
- Test with **structured, coded clinical data** in real-life **personas all EHDS-1 priority data categories**
- Receive if successful the **xShare label** for **EHDS readiness**
- **Prepare for a world where people control their health data**

TARGET AUDIENCE

- EHR manufacturers
- Health app developers using FHIR
- Patient portal developers and vendors
- digital health & wellness patient facing app developers
- National and regional health authorities designing EHDS-compliant patient interfaces.
- Implementers of innovative digital health solutions powered by EHDS priorit categories.

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

Source: EHDS_provider

Introduction EHDS Plugathon for Natural Persons

«xShare Yellow Button» for patient facing products to receive the «xShare Industry Label»

EDUCATIONAL PART
23.06.2025 12:00 – 17:00

- EHDS, EEHRxF format, HL7 FHIR® IGs, SmartHealthLinks
- Preparation for testing

TESTING
24.06.2025 09:00 – 17:00

- Test configuration
- Testing

HL7 FHIR

xShare Yellow Button IG

RESULTS AND AWARDING
25.06.2025 09:00 – 14:00

- Testing, Results, Awarding of the xShare Industry Label & Celebration

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

EXPECTED OUTCOMES

- **Get Ready for EHDS**
- **Work with experimental HL7 FHIR® IG implementations for EEHRxF**
- **Receive the xShare Industry Label for working successfully with HL7 FHIR® in selected priority data categories and modes download/upload and smarthealthlinks**
- **Prepare for the xShare Open Calls receiving mentorship, funding and recognition.**

Lunch is included on all days

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

xShare
EHR Xchange Format

xShare: Expanding the European EHRxF to share and effectively use health data within the EHDS

Project page
https://www.linkedin.com/company/xshare-project

LinkedIn group
https://www.linkedin.com/groups/14353596/

Project account
https://twitter.com/xShare_project

Interested to be involved?
Contact us!
Info@xshare-project.eu

Co-funded by the European Union

Be inspired

Share
EHR Xchange Format

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

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Teach and Learn

Share
EHR Xchange Format

EUROPEAN ELECTRONIC HEALTH RECORD EXCHANGE FORMAT

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Be awarded

Share
EHR Xchange Format

EUROPEAN
ELECTRONIC
HEALTH RECORD
EXCHANGE FORMAT

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Plugathon for **EHDS Patient**

Track 2: European

MyHealth@MyHands project

Wednesday 25 to Friday 27

:myH:

Presented by Zoltan Lantos

A QR Code – OR…?

A Gateway to Patient Autonomy

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:myH: myHealth at myHands

Person-Centred Health Management Through Access to Their Health Data Using EUDI Wallet Services

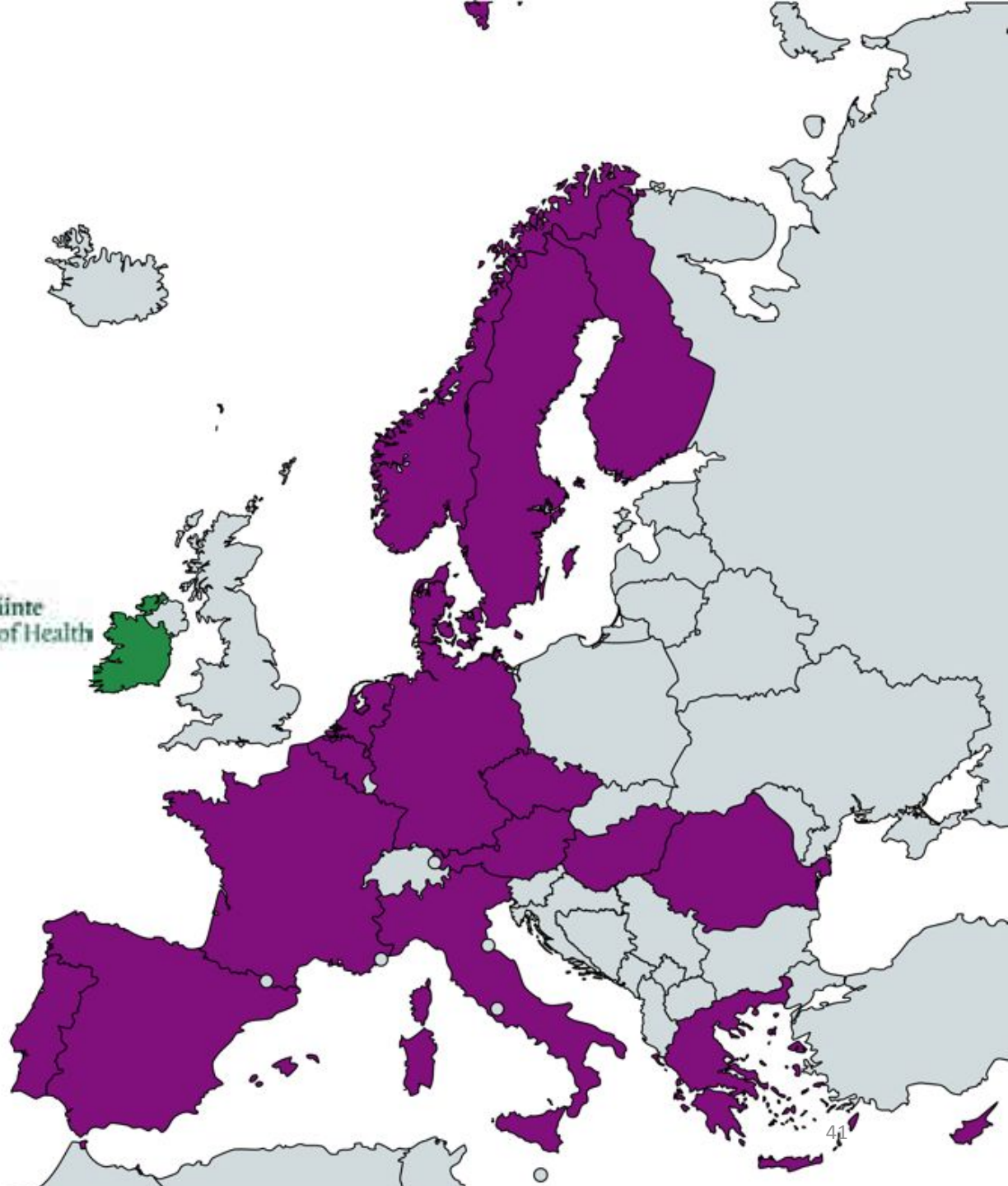
DIGITAL-2024-CLOUD-AI-06-HEALTHACCESS

PATHED Path to MyHealth

Potential For European Digital Identity

Co-funded by the European Union

An Roinn Sláinte Department of Health



18 countries, 45 organisations

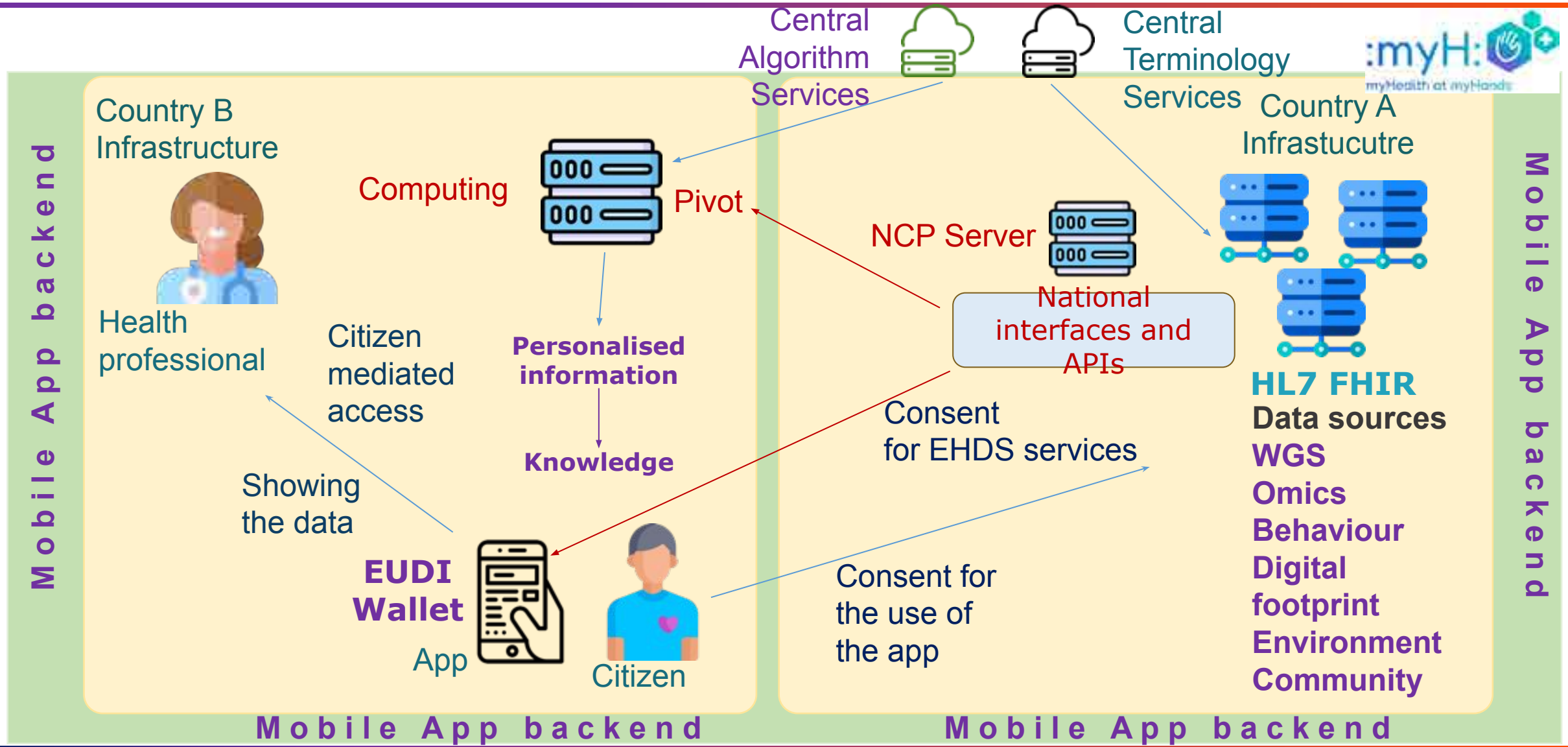
Wallet Functions

Identification and authentication

Presentation of “attributes”

Digital signature

Ubiquitous


Central Algorithm Services
Central Terminology Services
:myH:
myHealth at myHands
Country B Infrastructure
Country A Infrastucutre
Computing
Pivot
NCP Server
National interfaces and APIs
Health professional
Citizen mediated access
Personalised information
Knowledge
Showing the data
Consent for EHDS services
HL7 FHIR
Data sources
WGS
Omics
Behaviour
Digital footprint
Environment
Community
EUDI Wallet
App
Citizen
Consent for the use of the app
Mobile App backend
Mobile App backend
Mobile App backend
Mobile App backend

ePrescription Base Case

Remote Use Case
mDoc for Health
ISO 18013-5

OpenID4VP

Establishing connection
Country B

Request for credentials

Acceptance

Pan-European Health EAA

Data Transfer

mDoc:
PID + EAAs
- Country A
- Health attribute/s
(+)
- Photo ID

Country A

MyHealth@EU
OpenNCP Gateway
International Search Mask

Pharmacy System

Machine reading

Confirm

Authentication

Plug-in Items

EUDI Wallet Application repositories

For Coders & Relying Party apps coders

Wallet UI with demo app for demonstrating:

- Proximity Presentation of (Q)EAAs
- Same Device Remote Presentation of (Q)EAAs

`eudi-app-android-wallet-ui`

`eudi-app-ios-wallet-ui`

`demo videos`

EUDI Wallet SDK and libraries repos

For Coders & Wallet Providers

Simplified API that can be used by the application to implement the EUDI Wallet functionality

`Wallet core for Android`

`Wallet Kit for iOS`

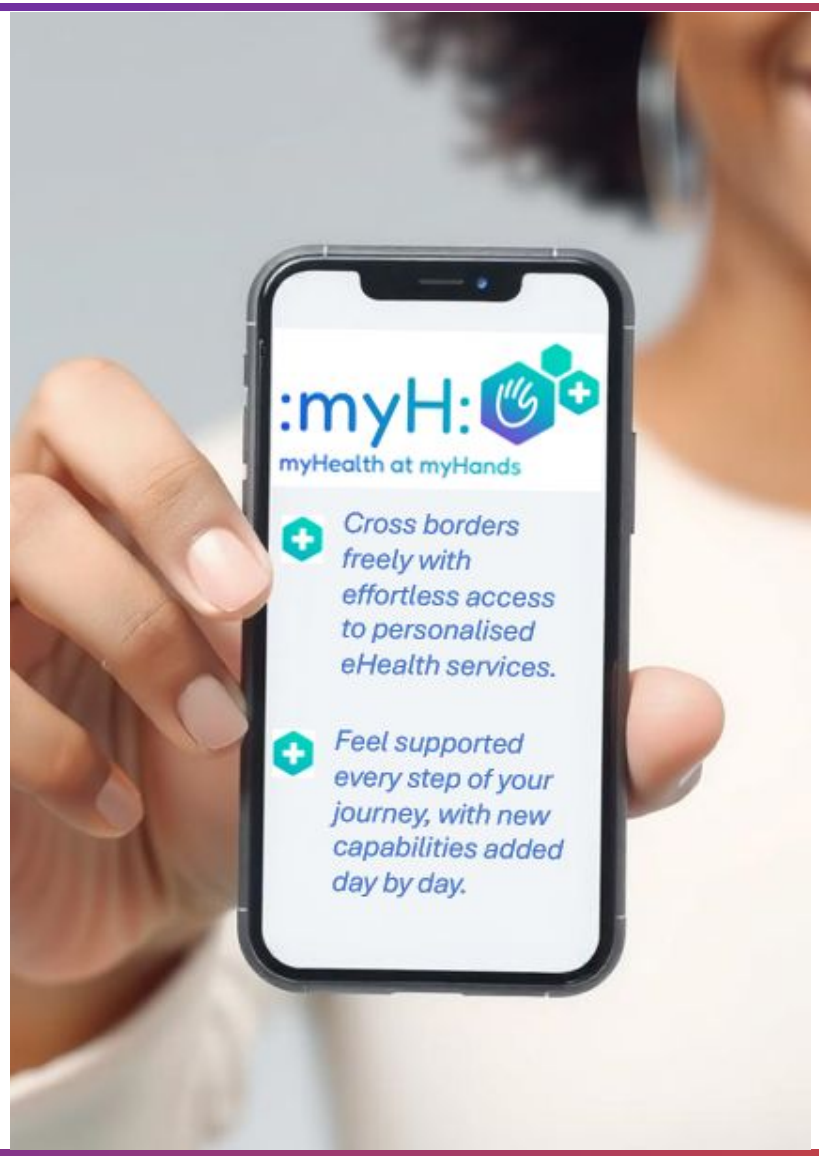
EUDI Wallet Demo and Testing Services

For Coders & Service Providers

Demo and Testing Services for Issuing, Verifying, RP Registration and Signing online

`https://eudiw.dev/`

EU Digital Identity Wallet GitHub


:myH:
myHealth at myHands
Cross borders freely with effortless access to personalised eHealth services.
Feel supported every step of your journey, with new capabilities added day by day.

VIENNA 2025 JUNE 23/27

IHE EUROPE CONNECTATHON®

IHE PLUGATHON 23/27 JUNE 2025 VIENNA

Plugathon for
EHDS Healthcare Provider
Monday 23 to Wednesday 25

i2s

Co-funded by the European Union

Presented by Diogo Martins

CONNECTING EU HEALTH DATA

i2X is an 8M EU-funded project that aims to implement EEHRxF in an intelligent way, involving 38 partners across 12 different EU Member States in the next 4 years

What is the EEHRxF?

EEHRxF stands for European Electronic Health Record Exchange Format
=
Standardized medical terms and codes for sharing health data

- Patient Summary
- ePrescriptions & eDispensation
- Lab Results
- Imaging reports
- Discharge reports

What is the purpose of i2X?

- Implement the EEHRxF
- Add intelligent components
- Improve patien's outcomes
- Reducing the burden of HCPs

How will i2X implement the EEHRxF?

STRUCTURE

WP1 Coordination | WP2: Intelligent tools research | WP3 EEHRxF testing | WP4: EEHRxF demonstration | WP5: EEHRxF demonstration | WP6 Project impact | WP7 Dissemination

DEMONSTRATION

Tech company + Healthcare organizaiton → Implementation of the EEHRxF in 10 countries → Border exchange

IMPACT

3 mn	1200	35	15	32	5
Citizens/Patients Reached	Healthcare professionals	Demonstrators	Tech companies	Systems where the format will be implemented	AI-based tools implemented

WP1: Project Coordination
UniHill (PT) | New Angle (PT)
WP4: Demonstrators for first group of priority categories
UNL (PT) | Gnomon SA (GR)
Including identification of X-format requirements and recognition of additional eXcange demonstrators
Patient Summary
ePrescriptions & eDispensations
WP5: Demonstrators for second group of priority categories
FTGM (IT) | Gnomon SA (GR)
Exam Results
Imaging Studies and Reports
Discharge Reports
WP8: Ethics Work package – Ethics Requirements
UniHill (PT)

Our TEAM

i2X Coordinator

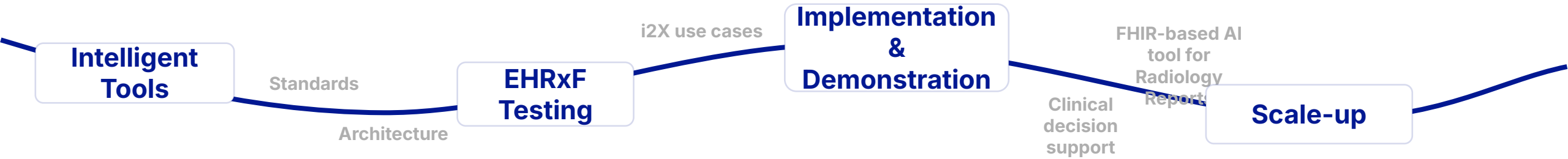
CTO

Project Manager

Project Manager

Blueprint to real-world scnearios – i2X implementation Focus

🎯 **Purpose:**
i2X is not just a research project, but an action-driven initiative, proving value in real-world clinical and show the value of implementation in a diverse European landscape.



🏥 12 Hospitals Testing Standards
EHR integration, AI support, decision-making

👥 Patient & Clinician Involvement
Testing usability and effectiveness

🛠️ Vendor-Driven Solutions
Real interoperability between systems

Expansion – State of the Art

Pressure Points

- "New era" in Care Delivery
- Healthcare Workforce Shortage
- Patient Expectations
- Regulatory: EHDS, MDR & AI Act
- Emerging AI & Digital Innovation

Hospitals
i2X: 12 providers

Capacity building

Change management

EU Hospitals
~10.500

Inter-connected Care Delivery

Healthcare access

Healthcare Vendors
i2X: 10 partners

Interoperability

Semantic

Infrasctructure

Readiness

EU Companies
~350+ EHR, LIS, PACS, etc

i2X – Plugathon 25'

🎯 Purpose:

The Plugathon will serve as both an educational forum and a co-creation platform

🎯 Key Objectives:

- Educational Content: Share and deepen understanding of AI tools, interoperability standards, and digital health innovations.
- Use Case Template Definition: Jointly prepare templates to structure and align use case development within the i2X framework.
- Scenario Exploration: Discuss two realisation scenarios under the workplan, and how they may be practically implemented.
- Mapping of Capacity and Know-How: Identify competencies, AI tools, and assets across partners that can be leveraged.
- Consortium Value: Examine how such events can enhance our collective positioning in the European Digital Health Ecosystem and promote synergy with other EU initiatives.

i2X – IT2

🧩 Purpose and Vision

- **Establish a Developer-Centric Community**: Create a technical community akin to epSOS, focusing on developers and project managers to navigate the complex ecosystem of health data interoperability.
- **Bridge the Knowledge Gap**: Address the disconnect between existing specifications (like IHE Profiles) and their practical implementation by industry developers.
- **Facilitate Real-World Application**: Promote the development and testing of tools that align with EHRxF and EHDS standards, ensuring practical applicability in healthcare settings.

🔧 Community Structure and Activities

- **Co-Creation and Collaboration**: Foster a collaborative environment where developers, healthcare professionals, and other stakeholders co-create solutions, similar to the Community of Doers (CoD) model.
- **Educational Initiatives**: Implement educational programs to enhance understanding of EHRxF, EHDS, and related specifications among community members.
- **Testing and Validation**: Establish test labs and participate in events like the IHE Connectathon to validate interoperability and compliance of developed solutions.

i2X – Plugathon 25'

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Questions & Answers