

VIENNA  **2025** JUNE 23/27
IHE | **CONNECTATHON**[®]
EUROPE

Townhall – EHDS Plugathons



**Claudio
Saccavini**

**Sofia
Franconi**

**Jürgen
Brandstätter**

**Alexander
Berler**

Time	Topic
14:00 – 14:10	Introduction, Information on Connectathon and “EHDS Prepared” Seal Claudio Saccavini
14:10 – 14:20	IHE-Europe Experience Days Sofia Franconi
14:20 – 14:35	Introduction EHDS Plugathons “Healthcare Provider” and “Patient” Jürgen Brandstätter
14:35 – 14:40	Details on Xt-EHR project in Plugathon Jürgen Brandstätter
14:40 – 14:45	Details on xShare in Plugathon Sofia Franconi
14:45 – 14:50	Details on MyHealth@MyHands and i2x projects in Plugathon Zoltan Lantos, Alexander Berler
14:50 – 15:00	Q&A

Introduction

Information on Connectathon

“EHDS Prepared” Seal

Claudio Saccavini

Join us at Vienna Allianz Stadion, June 23-27, to test your product nearly on the field

Venue:
VIENNA Allianz Stadium



IHE Connectathon is a formal interoperability testing event.

It is the best place to:

- **Test** the IHE implementation of your product
- **Find and fix** bugs in your product
- **Complete** the last mile of your software development
- **Share** with experts, including the authors of the IHE Profiles
- **Meet** other professionals who face the same challenges as you do
- **Learn** from the community

January - March

April - May

June

01 Registration

3 February - 15 March 2024

Complete the registration process in Click-up and Gazelle Test Management



02 Preparation

1 April – 20 June 2025

Perform **Preparatory Test** to get your system, test data and yourself ready before Connectathon.



Share the **network configuration** of your SUT to ensure your partners will be able to connect to your system.



03 Connectathon

23 June – 27 June 2025

Game on!

Connect and perform Peer-to-Peer marathon test!



04 Post Connectathon

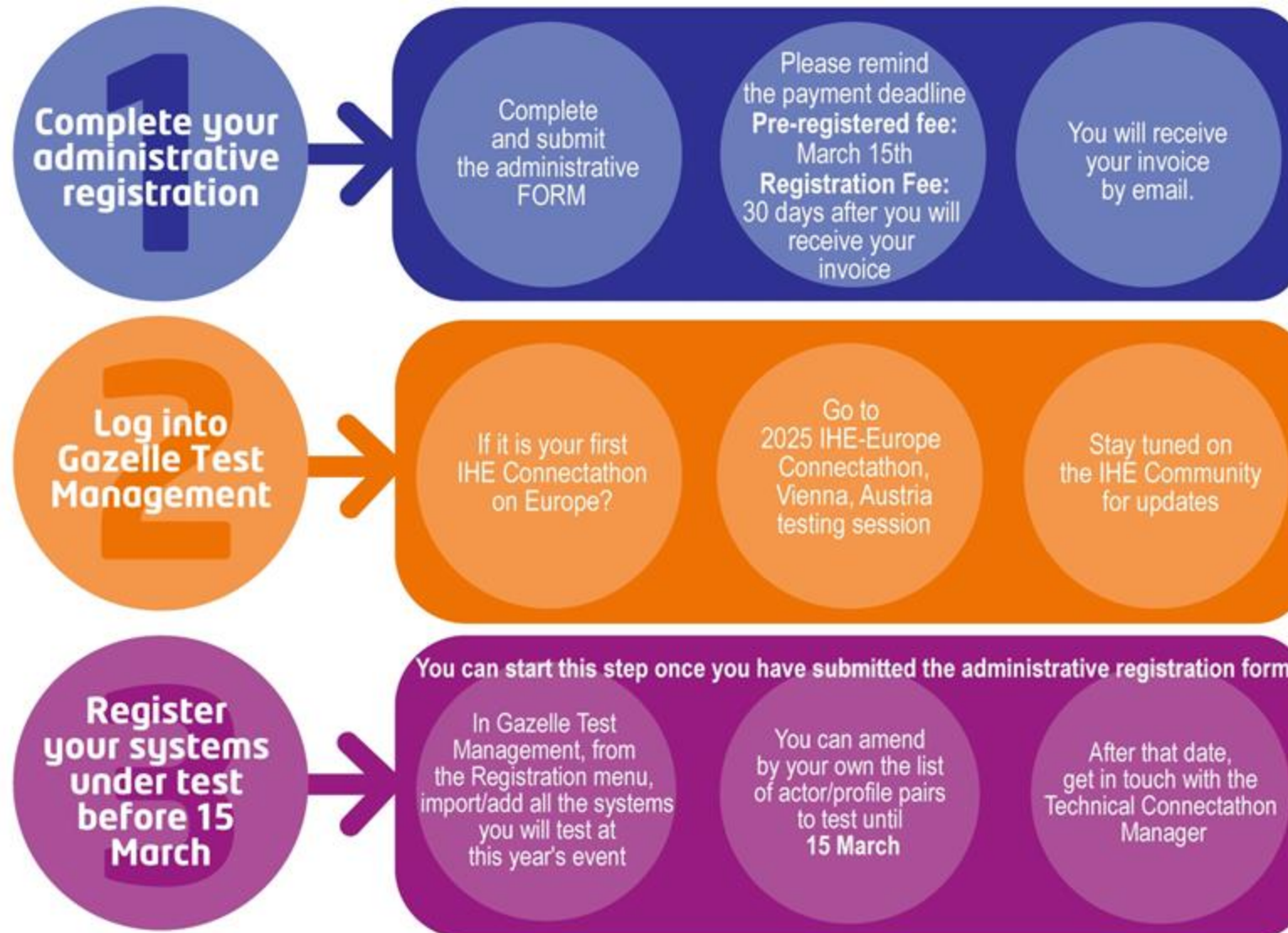
30 June – 13 July 2025

Connectathon results

Systems are evaluated by the IHE Domain technical project managers. Results will be available for review by mid-June and publish on IHE website after approval by IHE International board (during summer).



How to register for the event?



IHE-Europe Experience Days

Sofia Franconi

What are the Experience Days?

- It is a **1 day and a half** parallel event focused on the **latest developments in the field of healthcare information systems interoperability**.

For whom?

- It is an event for the **healthcare community** to learn, share and discuss **best practices, challenges and solutions** in the field of interoperability, hear about **already implemented solutions**, and network with other professionals in the healthcare industry.



The program

"Artificial Intelligence and EHDS Deployment for a Health Data Empowered Era"

Experience Day 1: 24 June 2025

Time	Topic	Speaker
8:30	Welcome Coffee	
9:00	Welcome Speech	Janna Vinsz, IHE-Europe vendor co-chair, Jan Hulek, IHE-Europe usa co-chair
9:30	Keynote Speech: Austria	Manfried Hausleitner, Director General, Federal Ministry of Social Affairs, Health, Care and Consumer Protection
10:15	National Implementation on Laboratory	Switzerland, Greece, France (TBC)
11:00	Coffee Break	
11:30	Discussion on international views	Roundtable with international speakers on Laboratory real implementation
13:00	Lunch	
14:00	Keynote Speech	Digital pathology
14:30	IHE Domain developments around AI	IHE PALM (Pathology and Laboratory in Medicine) Domain examples IHE Initiatives around AI
15:30	Coffee Break	
16:00	FHIR based Profile development	FHIR based IHE ITI (IT Infrastructure) profiles
17:00	End of the day	

Experience Day 2: 25 June 2025 (morning only)

Time	Topic	Speaker
8:30	Welcome Coffee	
9:00	Keynote Speech	Overview of the EHDS regulation
9:30	High level EU Projects session around EHDS	What to expect from the implementation guidelines? eP and eD, Imaging, Laboratory, Discharge Letter What are the projects supporting this implementation?
11:00	Coffee Break	
11:30	National Roadmap around EHDS	What is the impact of the implementation of EHDS at national level?
12:45	Experience Day Closing Speech	
13:00	Lunch	
13:30	VIP Tour	



Register here



Find more information here

Introduction EHDS Plugathons “Patient” and “Healthcare Provider”

Jürgen Brandstätter

EHDS Plugathon „Healthcare Provider“ – Overview

- Date: **23.-25.06.2025 (Monday – Wednesday)**
- Location: **IHE Europe Connectathon Venue**
- Topics of Plugathon:
 - European Health Data Space (EHDS)
 - European EHR Exchange Format (EEHRxF)
 - EEHRxF specifications by Xt-EHR Joint Action
 - European i2x project
- Format
 - Education and Testing

EHDS Plugathon „Healthcare Provider“ – What is tested?

- **What is tested?**
 - European FHIR Implementation Guides for ...
 - Laboratory Report
 - Imaging Report
 - Hospital Discharge Summary
 - Patient Summary
 - Medication Prescription and Delivery (under discussion)
 - → “Draft EEHRxF specifications“

EHDS Plugathon „Healthcare Provider“ – Schedule

Date	Time	Topic
23.06.2025	12:00 – 17:00	Day 1: Educational Part EHDS, EEHRxF, Xt-EHR specifications (FHIR IGs), Prepare for testing Including lunch and breaks
24.06.2025	09:00 – 17:00	Day 2: Testing Test configuration, Testing Including lunch and breaks
25.06.2025	09:00 – 14:00	Day 3: Testing, Results & Awarding Testing, Results, Awarding & Celebration Including lunch and breaks

EHDS Plugathon „Patient“ – Overview

- Date: **25.-27.06.2025 (Wednesday – Friday)**
- Location: **IHE Europe Connectathon Venue**
- Topics of Plugathon:
 - Patient-mediated sharing of Health information
 - European MyHealth@MyHands project
 - European xShare project
 - Yellow-Button specifications and label
 - Option 1: „Load IPS onto Smartphone“
 - Option 2: „Get QR Code to IPS so show to someone“
- Format
 - Education and Testing

EHDS Plugathon „Patient“ – What is tested?

- **What is tested?**
 - xShare / Yellow-Button label
 - Yellow-Button specifications (technical tests)
 - Yellow-Button functional requirements (functional tests)
 - Patient-mediated sharing of International Patient Summary (IPS)

EHDS Plugathon „Patient“ – Schedule

Date	Time	Topic
25.06.2025	12:00 – 17:00	Day 1: Educational Part Patient-mediated information exchange, MyHealth@MyHands, xShare, Yellow-Button specifications and label, Prepare for testing Including lunch and breaks
26.06.2025	09:00 – 17:00	Day 2: Testing Test configuration, Testing Including lunch and breaks
27.06.2025	09:00 – 14:00	Day 3: Testing, Results & Awarding Testing, Results, Awarding & Celebration Including lunch and breaks

Details on Xt-EHR project in Plugathon

Jürgen Brandstätter

- Xt-EHR = Joint Action to eHealth Network
 - <https://www.xt-ehr.eu>
- Work packages
 - WP1: Project management
 - WP2: Dissemination
 - WP3: Evaluation
 - WP4: Sustainability
 - **WP5: General requirements for EHRs and system interfaces**
 - **WP6: Electronic prescription and patient summary towards EHDS**
 - **WP7: New services for EHR systems**
 - WP8: Certification and labelling framework
 - WP9: Telemedicine under MyHealth@EU



• Patient Summary
• Electronic prescriptions and dispensations

• Laboratory results and reports
• Medical images and reports
• Discharge Reports

Introduction EHDS Plugathons “Healthcare Provider” and “Patient”

- **Draft EEHRxF specifications by Xt-EHR Joint Action**
 - [European Laboratory Report](#) (published)
 - [European Imaging Report](#) (work in progress)
 - [European Hospital Discharge Summary](#) (work in progress)
 - [European Patient Summary](#) (work in progress)
 - [European Medication Prescription and Delivery](#) (work in progress)
- **Currently maintained by HL7 Europe**
 - Large working groups including Xt-EHR persons
 - Tight connection to international standardization (IHE and HL7)
- **Adopted by Xt-EHR in future**
 - MyHealth@EU and EHR requirements

“Between“ and “within“ countries

Details on xShare in Plugathon

Sofia Franconi

What is the xShare project?

- Expanding the EEHRxF to share and effectively use health data withing EHDS 
 - Everyone can share their health data with a “click-of-a-button”: The “Yellow button”
 - 8 adoption sites (France, Italy, Madeira, Catalunya, Ireland, Greece, Cyprus)
- The Hub
 - Build a European EHRxF Standards and Policy Hub sustainable by design.
- The Industry label
 - Explore the feasibility and value of an EU xShare Industry label

What will be tested?

- Focus on EU PS/ IPS implementation
- Testing conformance of the content
- Working with CDA to FHIR converter
- Testing the use of Smart Health Links
- Testing the translatability of the content (using the MyHealth@EU services NCP)
- Validate the content of the X-Bundles developed in the project

Details on MyHealth@MyHands i2X and Potential projects in Plugathon

Zoltan Lantos, Alexander Berler

i2X: Intelligent Implementations of the EHRx Format

i2X is a consortium that has submitted a proposal for an 8mn European funding project with the objective of showcase the implementation of the EEHRxF

What is the DIGITAL-2024-CLOUD-AI-06-HEALTHRECORD?

- DIGITAL-2024-CLOUD-AI-06-HEALTHRECORD is an 8mn € funding programme managed by the European Commission
- The objective of this project is to showcase in 4 years (2025 – 2029) that in-service implementation of the European Electronic Health Record Exchange Format (EEHRxF) in healthcare settings brings value to the patients, without introducing burden on health professionals
- The result of this action will be real-world demonstrators of the EEHRxF that will guide other stakeholders to adopt the EEHRxF, reduce the costs for its adoption and produce lessons learned

What is the EEHRxF?

The EEHRxF is a European platform with the aim of helping citizens to quickly access and share their health data with healthcare professionals across different European states. This format includes:

- ePrescription and eDispensation
- Patient summary
- Laboratory results and reports
- Medical imaging studies and reports
- Hospital discharge reports

i2X involves more than 40 diverse partners across 12 different EU Member States and has 5 main goals

Partners include IT companies, healthcare settings, consulting firms, research centres, universities, and national organizations



Prepare tools for structured data entry in clinical settings to deploy long-term and replicable demonstrators



Demonstrate the effective and user-friendly use and added value of EEHRxF in at least 10 healthcare settings



Demonstrate intelligent quality health data collection and exchange, through interoperability



Establish and consolidate a set of best practices for EEHRxF implementation



Calculate the cost-benefit ratio of the in-service use of EEHRxF

i2X comprises seven work packages to ensure the success of the project



WP1: Project Management
Coordinating strategy, quality assessment, risk mitigation, and ethics management



WP2: Innovative tools for EHRs and data use
Identifying needs, and employing innovative data capture tools



WP3: EEHRxF testing and implementation lab
Testing methodology and plans, and providing EHR testing recommendations



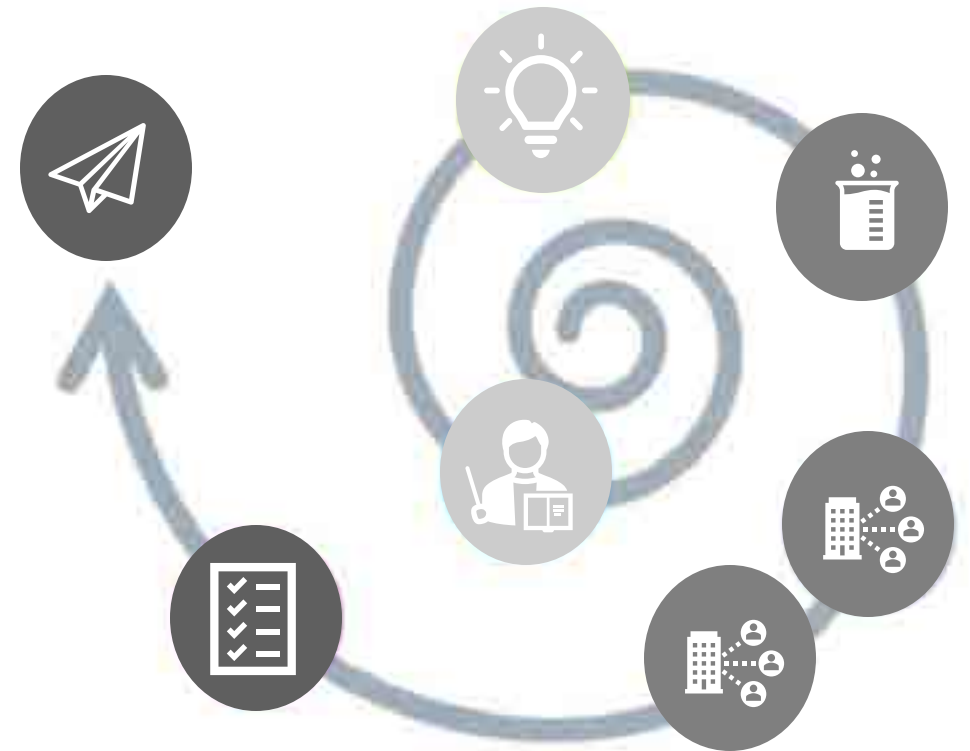
WP4&5: Demonstrators
Deploy in service software solutions to address the five different EEHRxF

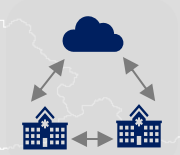
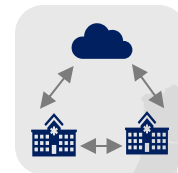
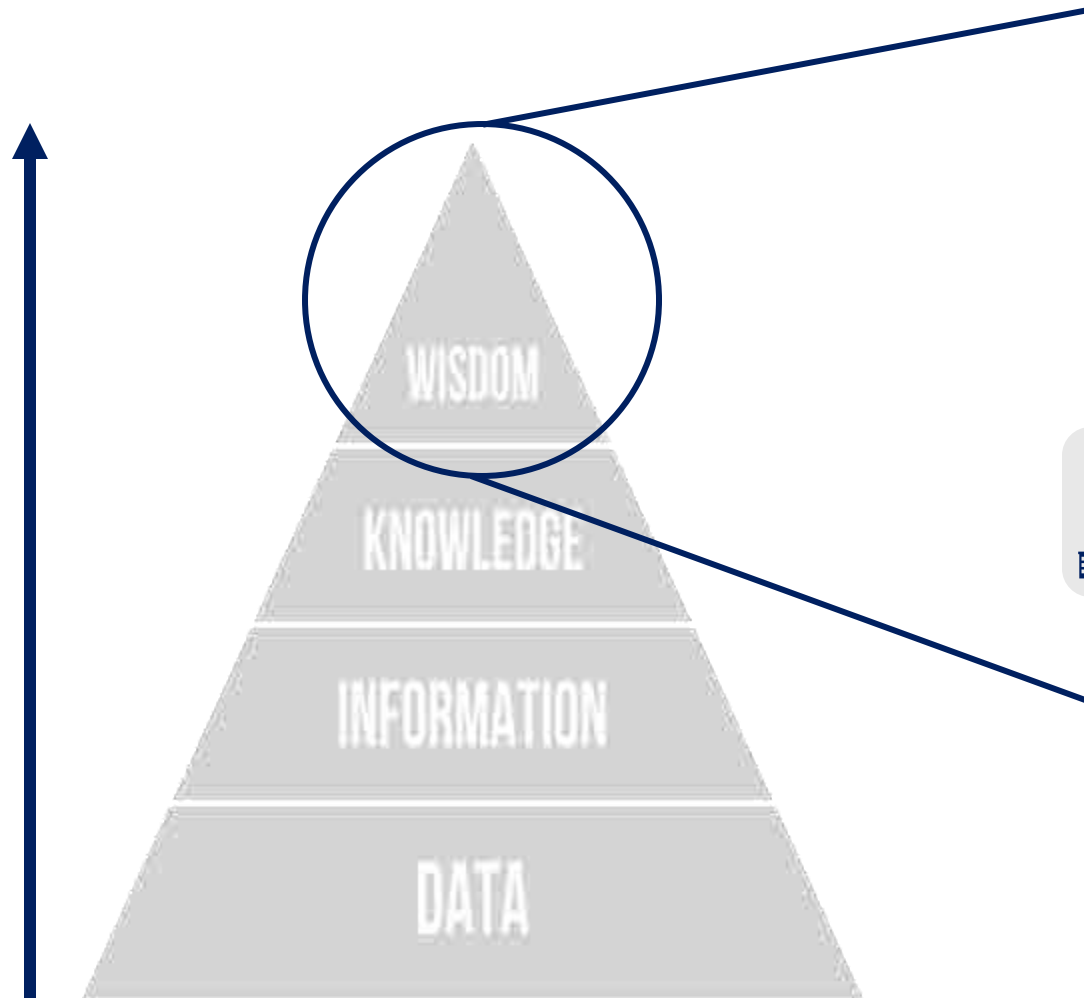


WP6: Value creation evidence gathering
Ecosystem growth, cost-benefit analysis and guidelines production



WP7: Dissemination, Outreach and Exploitation
Strategies for disseminating information





- Demonstrators**
- Other national authorities**
- Other EU actors**
- EEHRx F Stans. and Policy Hub**
- Other EU level projects**

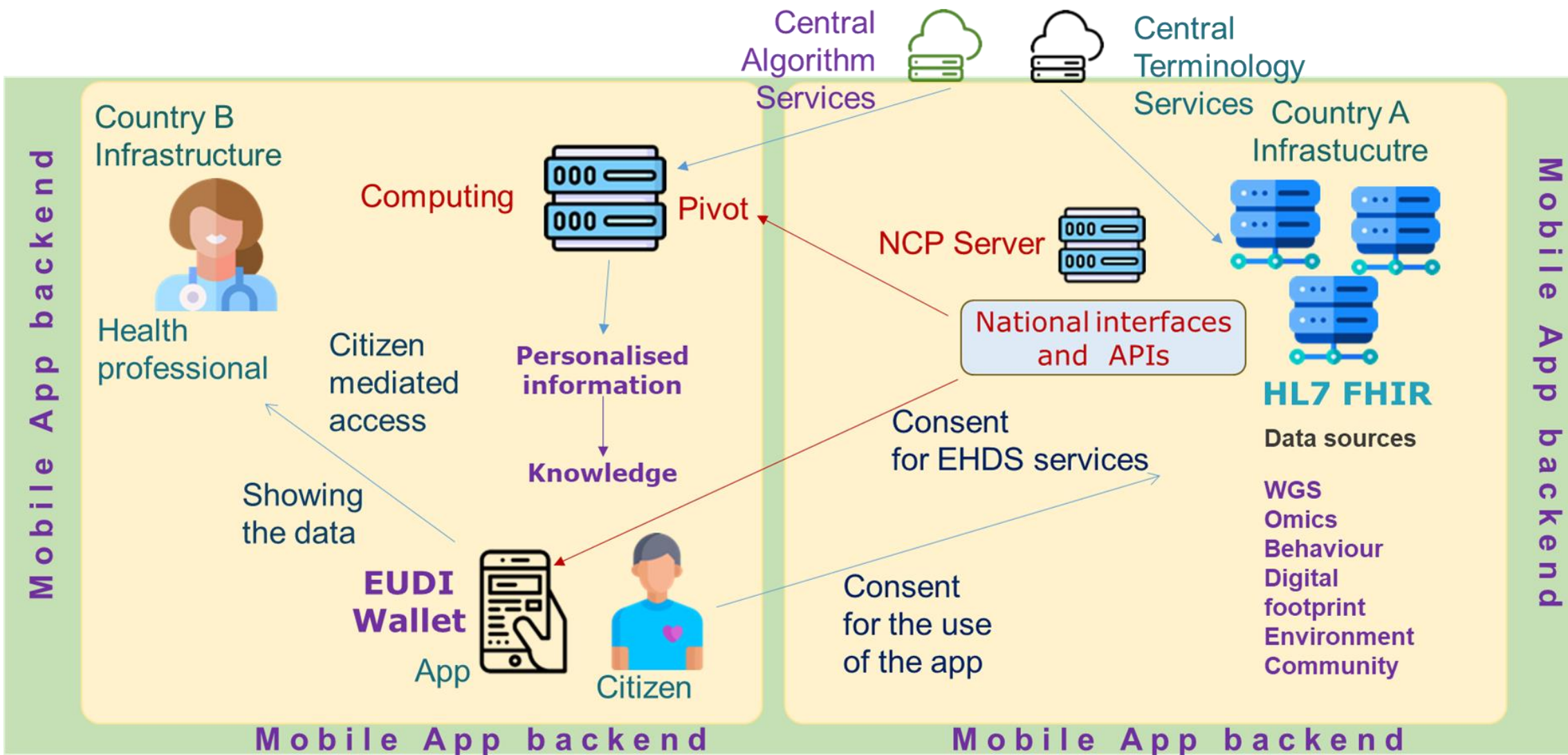
*Intelligent implementation of the EEHRx Format should include a **clinical pathway** to seamlessly integrate with patients' healthcare experiences*



An Roinn Sláinte
Department of Health



People-centred European Digital Health Services at Our Fingertips



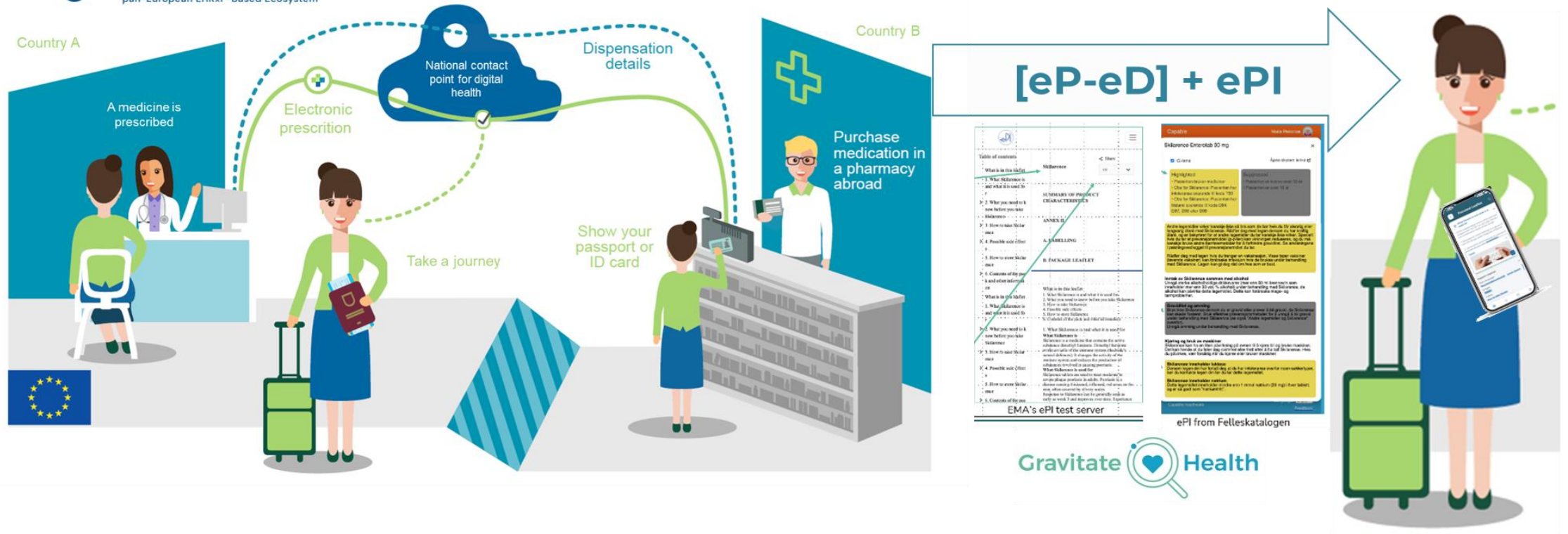


An Roinn Sláinte
Department of Health

Medication Support



Cross-border [eP-eD] + ePI + Pharmacovigilance app + UNICOM Smart Substitution Component + PROM + PREM



Based on materials from: THL/FI, CAPABLE.healthcare/NO – Gravitate-Health

Ref to Gravitate-Health, www.gravitatehealth.eu



BREAST CANCER PATIENT JOURNEY FOR WOMEN

You can also reach the patient route stations by clicking on the image.

HEALTH-X
dataLOFT



EUCAIM
CANCER IMAGE EUROPE

ΕΛΛΗΝΙΚΗ ΟΜΟΣΠΟΝΔΙΑ ΚΑΡΚΙΝΩΝ

ΕΛΛΟΚ



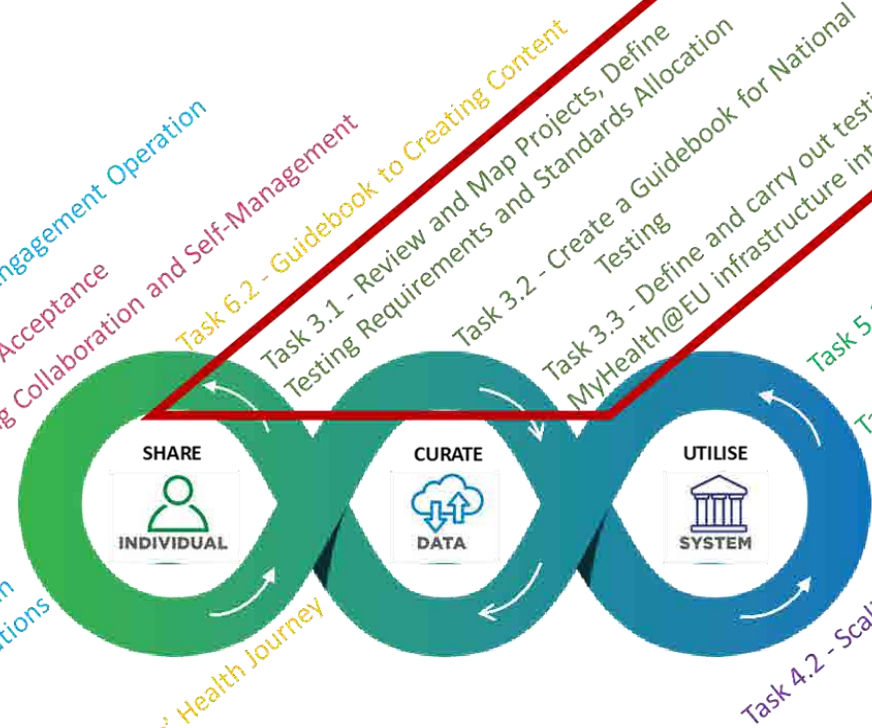
An Roinn Sláinte
Department of Health

Task 1.1 - Coordination of the Project Consortium Task 1.3 - Financial Management and Reporting

Task 1.2 - Operative Management of a Virtual Product Launch Organisation

Task 2.3 - Operating a Knowledge Hub

Task 2.4 - Report on a Sustainable Citizen Engagement Operation
 Task 7.2 - Test Patient Access Acceptance
 Task 7.1 - Enhancing Collaboration and Self-Management
 Task 7.3 - Managing Health Experience
 Task 2.1 - Developing Project Identity and Communication Plan
 Task 2.2 - Engage Users and Assess Implications



Task 6.1 - Users' Health Journey
 Task 6.2 - Guidebook to Creating Content
 Task 6.3 - Operating an Innovation Hub

Task 4.3 - Adapting Technology Transfer Tools in a Quadruple Helix Framework

Task 4.1 - Designing the Citizen-Centred Data Value Chain

Task 3.1 - Review and Map Projects, Define Testing Requirements and Standards Allocation
 Task 3.2 - Create a Guidebook for National Testing
 Task 3.3 - Define and carry out testing events for the MyHealth@EU infrastructure integration and extension.

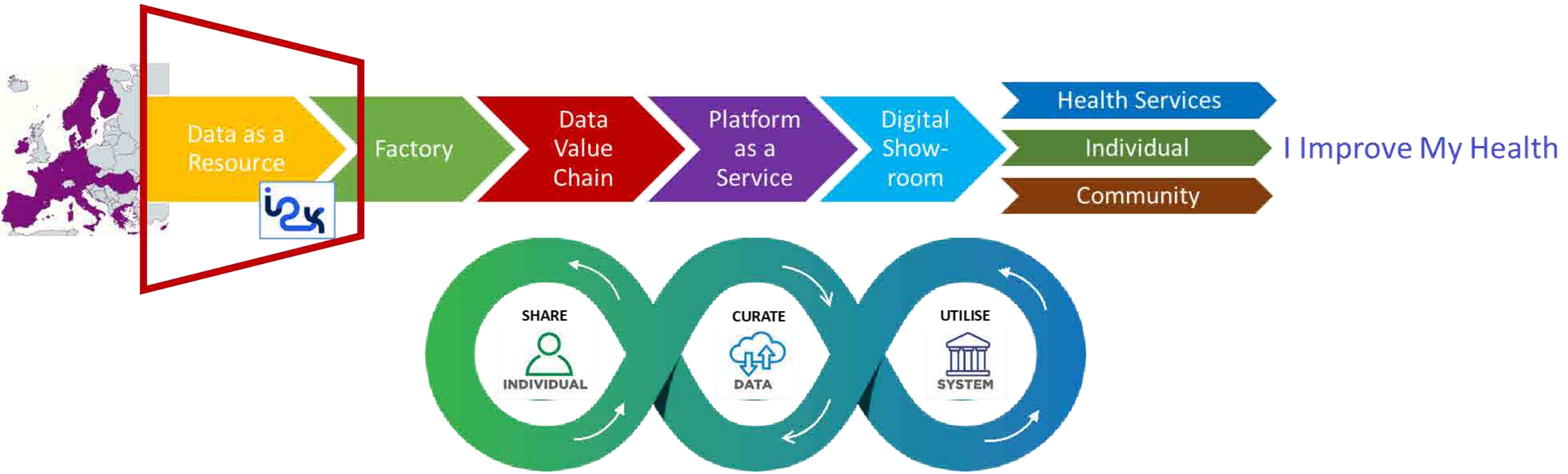
Task 5.3 - Connecting the Ecosystem
 Task 5.2 - Deploying NCPEH and MyHealth@EU
 Task 5.1 - Designing Consolidated Patient Solution
 Task 4.2 - Scaling Up Solutions

Task 8.1 - Establishment and Operation of the Ethics Board

Task 8.2 - Ethics Review and Compliance Monitoring

Task 8.3 - Documentation and Reporting

Work Package "99": Health Co-Management

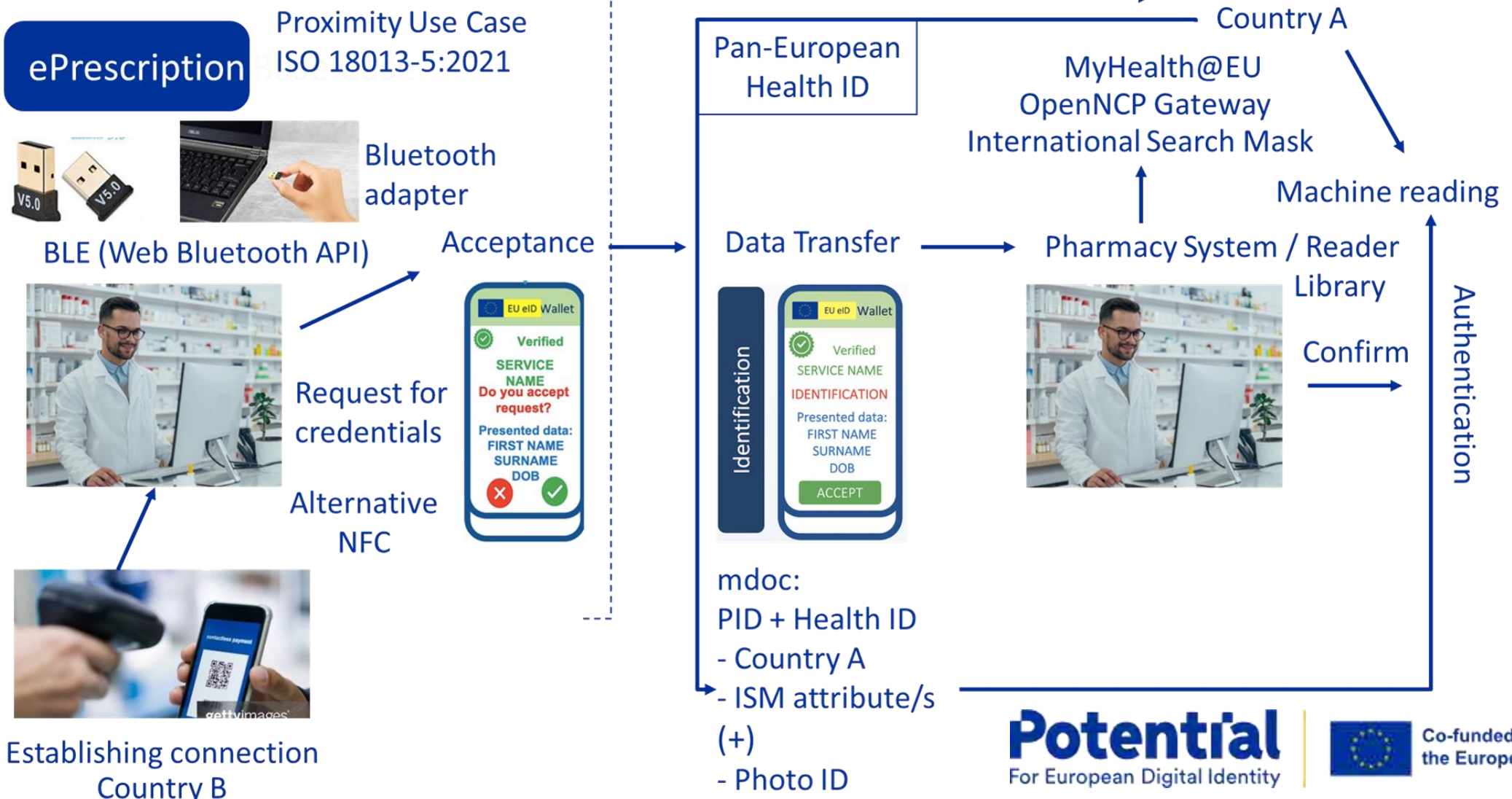


Potential

For European Digital Identity



Co-funded by
the European Union



Stay tuned for more information!

Join us in Vienna to:

- Learn more about those lighthouse projects
- See how the EHDS regulation will be implemented and tested
- Contribute and join the ecosystem of vendors and innovators in i2x
- Test your abilities to adopt the EUDI Wallet architecture in the context of healthcare (myHealth@myHands)
- More detailed programs to follow shortly.

Questions & Answers