

IHE[®] | EXPERIENCE
EUROPE DAYS

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IHE Catalyst & HIMSS



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Today's Agenda

- Overview of HIMSS Interoperability Roadmap
- HIMSS & IHE Catalyst Collaborating in Europe and Beyond
- Testing Continuum in Europe

Guiding Principles

- Health equity is a fundamental component
- Workforce development is essential to support success
- Provide educational resources to our members
- Engage all stakeholders throughout the whole development life cycle



Goals

- Framework to lead and rapidly advance local, regional, national, and global interoperability
- Diversifying constituencies who use, participate, and benefit from our products and services
- Creating an ecosystem to advance access to meaningful information to improve the overall health and well-being of individuals and communities

Collaborating to Achieve the Vision of an Interoperable Health Ecosystem

- Enabling Communities of Interest to collaboratively lead and rapidly advance high-impact data standards and interoperability initiatives locally, nationally, regionally and globally
- Diversify the stakeholders who traditionally engage with the standards development organizations (e.g., HL7®, LOINC, SNOMED)
- TOGETHER we can create an interoperable ecosystem where all communities of interest to have access to meaningful health information to improve the overall health and well-being of individuals and communities
- Milestones
 - Stage 1: Identify and Prepare High Priority Data and Interoperability Needs for Advancement
 - Stage 2: Standards development - testing
 - Stage 3: Standards development - piloting
 - Stage 4: Implement with Confidence, Promote, and Showcase (e.g., HIMSS Interoperability Showcase™)
 - Stage 5: Local, National, Regional, and Global Exchange

- Provide more value to the ecosystem
 - Support the user community in implementing sustainable solutions based on interoperability **and** health information exchange
 - Enable Vendors with market visibility and tools to extend their products
 - Promote the European Health Data Space Vision in Europe and Beyond
- Aligning events and opportunities
 - Interoperability showcases promoting leaders in the market
 - IHE Connectathons as proof of international standards adoption
- Promote innovation in the context of the European Digital Single Market
- Align IHE Integration Profiles with Real Market Needs and Business Needs
- Create Interoperability Labs



HIMSS EU Interoperability Showcase

- In partnership with IHE Catalyst since 2023
 - HIMSS EU – Rome 2023
 - HIMSS EU – Paris 2024
- Starting in 2025, IHE-EU Connectathon Week will take place in advance of HIMSS EU
 - Enabling vendors to test and prepare
 - Adding Interoperability Showcase Workshop to Connectathon Week
- Use Cases focused on key EU interoperability initiatives (e.g., EHDS, IPS, EUDI Wallet, patient mediated data exchange)



The Concept of Interoperability Labs

- Bring experts together and solve problems
- Test before you implement
- Create and operate an interoperability framework as the cornerstone of building complex digital transformation strategies in healthcare
- Reuse, collaborate, co-create do not re-invent the wheel
- Align implementation with real capacity of the stakeholders and make realistic roadmaps
- Perform continuous education and capacity building
- Enable the ecosystem of stakeholders

Moving Interoperability Forward in Morocco



NeHIF Design Principles

Select use cases alignment with national and EHDS priorities

Prioritize use cases - Roadmap

NeHIF governance

Consensus building build the ecosystem and working groups

Establish a Legal/Regulatory Framework Enable equity and co-creation

Enable incentives

UC documentation

Business use cases Align with needs and stakeholders

Realization scenarios align with standard

Interoperability Architecture

Select the right Standards for the right use cases

Create the interoperability specifications

Testing and Validation

Establish a Testing continuum Lab and a testing strategy

Perform regular Projectathons

Conformity Assessment

Regulate national and Ph4H Digital Health Market

Enhance fair market competition



EHDS in a nutshell – what is it about?

1. **Primary use** = use of data for the delivery of healthcare

- Improving patients' access to their health data;
- Ensuring seamless exchanges for continuity of healthcare.

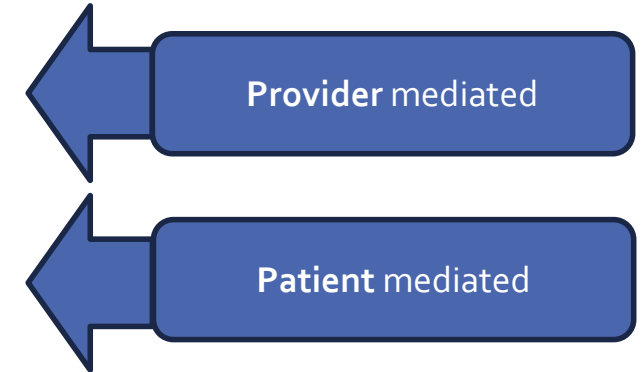
2. **Secondary use** = use of data for research and public interest purposes

- Making data available for research, policy-making etc. in a safe and secure way.

3. **Requirements for EHR systems**

- Creating a single market for electronic health record systems.

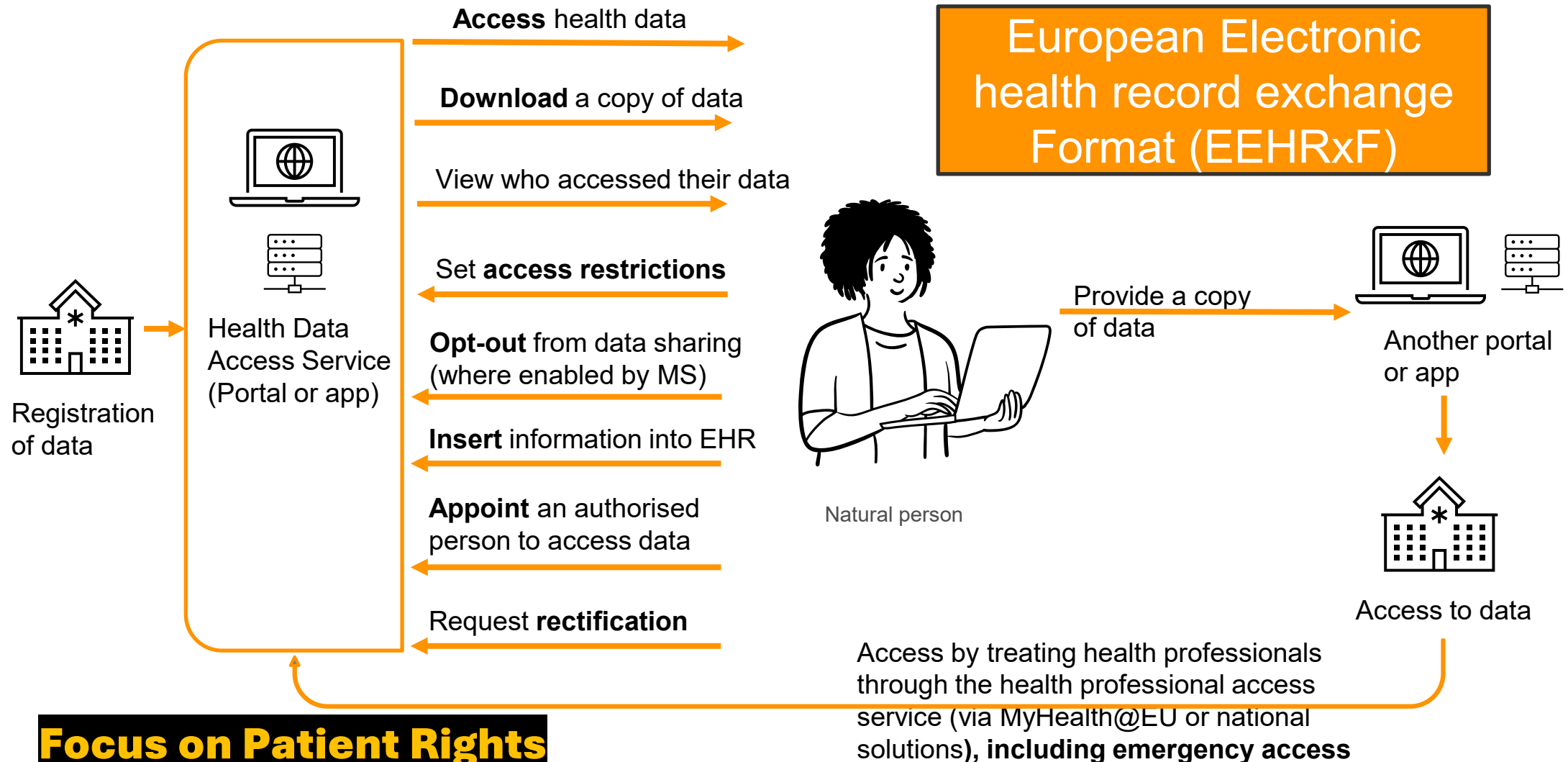
https://health.ec.europa.eu/ehealth-digital-health-and-care/european-health-data-space_en



My health @ EU
eHealth Digital Service Infrastructure
A service provided by the European Union

HealthData@EU

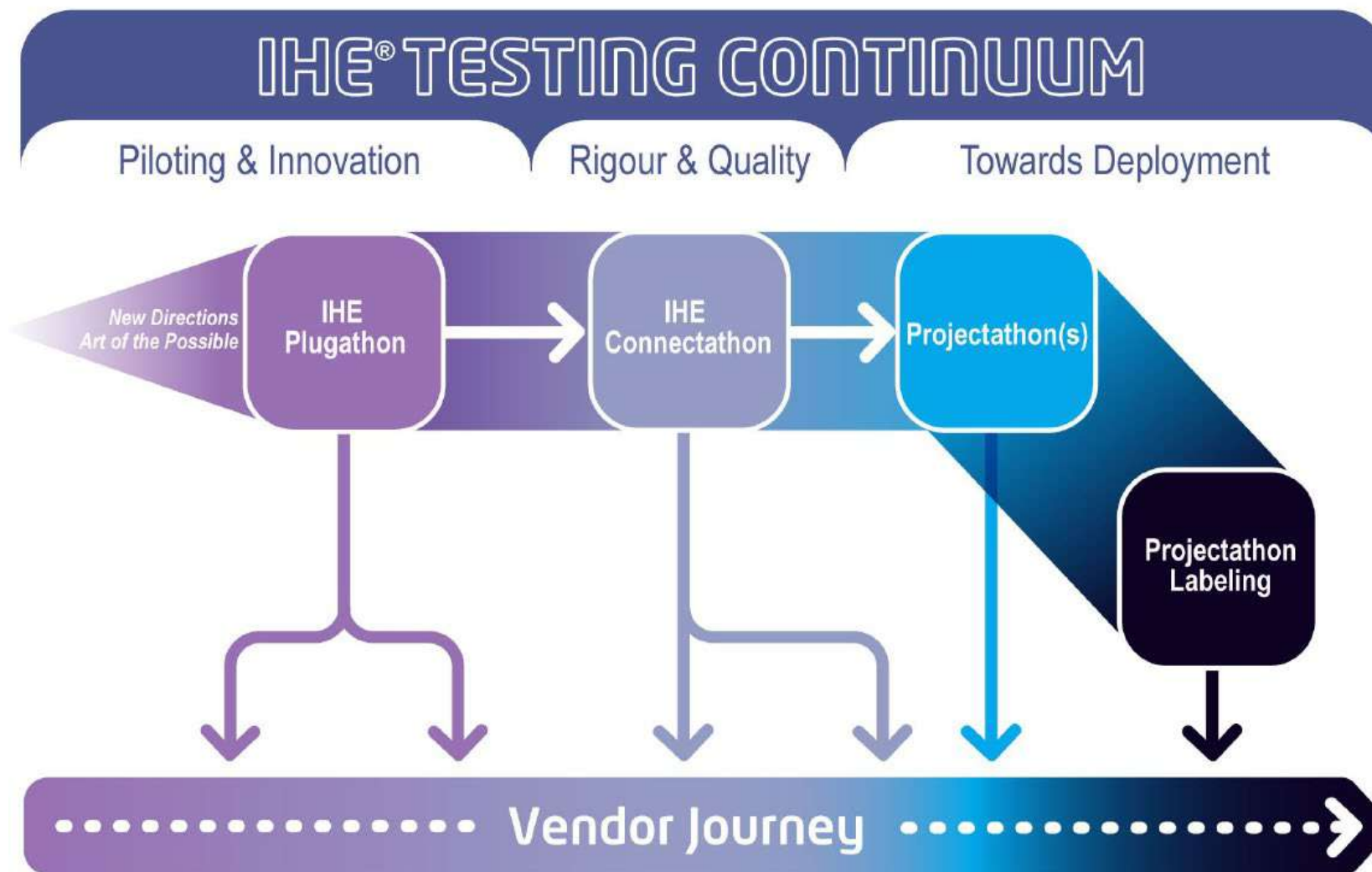
Rights of natural persons in primary use

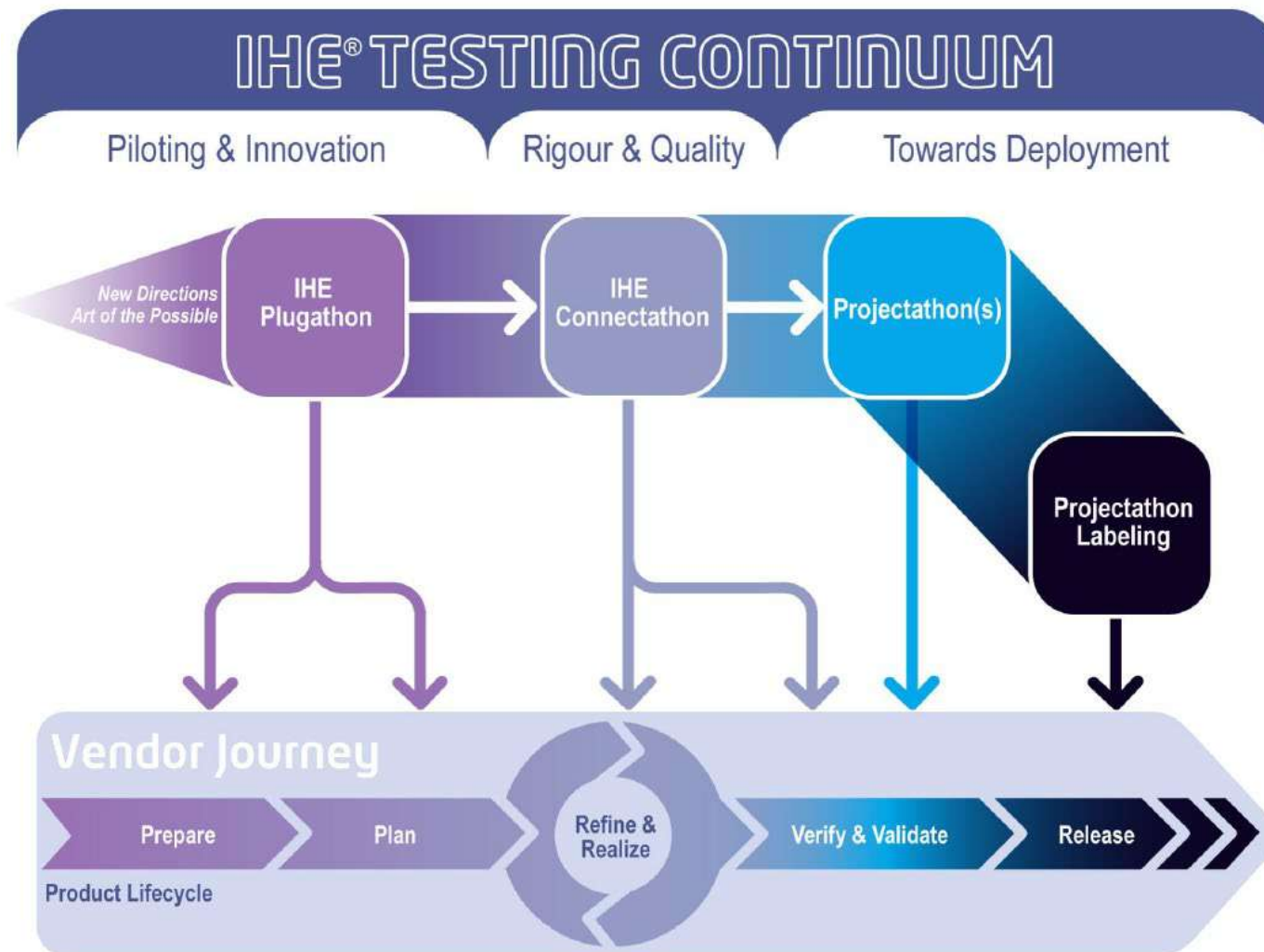


Focus on Patient Rights

The Vision: operate in a certified environment







Thank you!

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