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25-26 MARCH 



Role of ESHIA in the European EHRxF Ecosystem

ESHIA: European Standards for Health Interoperability Alliance



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ESHIA



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The European Standards for Health Interoperability Alliance (ESHIA)

- A Not-for-Profit legal entity,
- Incubated and financially supported by xShare
- To become, from 2027 onward, the **sustainable home** of
 - The **EHRxF Standards and Policy Hub** (the Hub)
 - The xShare interoperability assets
 - The xShare Industry Label
 - ...

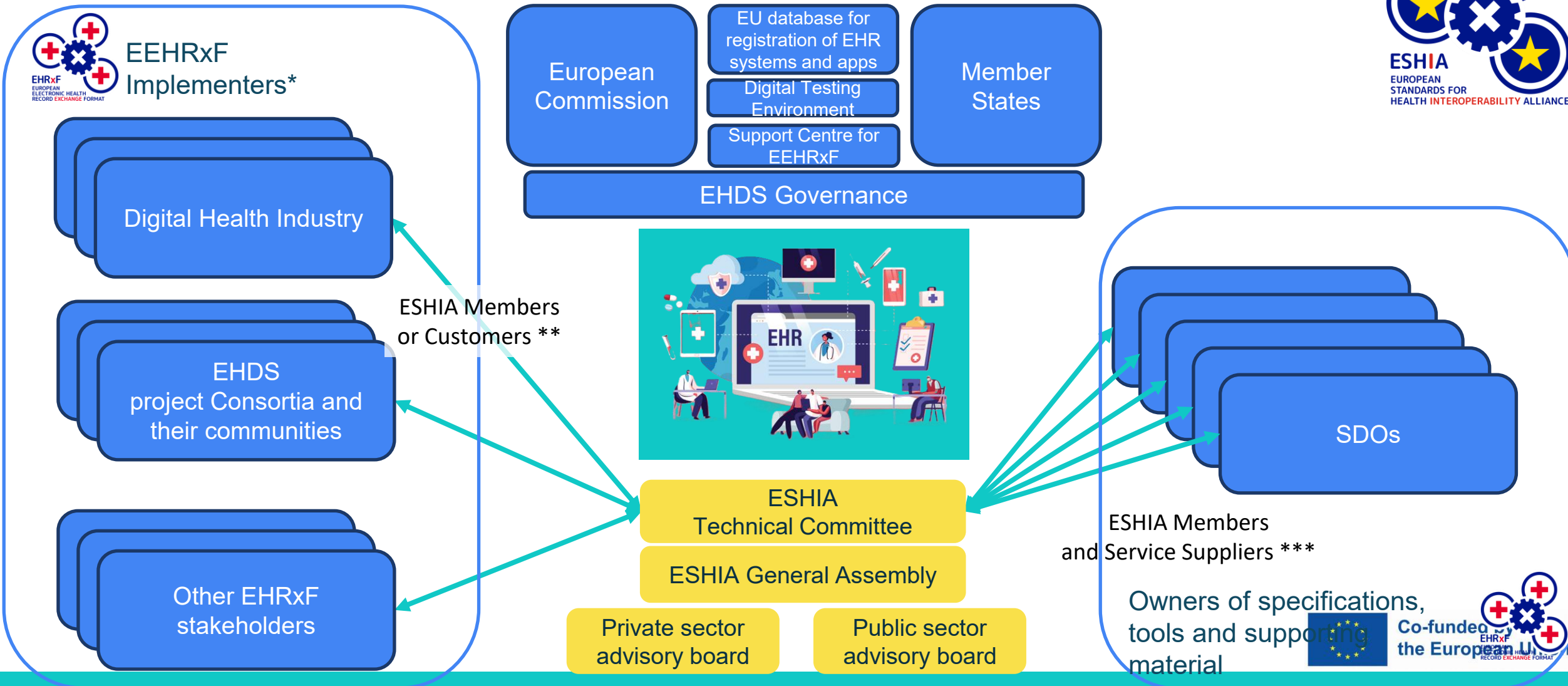
ESHIA Members: 18 + 2



- SDOs
 - CEN/BH (CEN/TC251) NL
 - HL7 Europe BE
 - IEEE AT
 - IHE Catalyst BE
 - IHE-EUROPE BE
 - +
 - openEHR International UK
 - cdisc European Foundation AT
- EHRxF Implementers
 - CHARITE DE
 - DNV NO
 - FTGM IT
 - FTSS ES
 - MEDCOM DK
- Network organisations
 - ECHAIRL
 - EHTEL BE
- Innovation centres
 - EMPIRICA DE
 - FORTH GR
 - ISCTE PT
 - UNINOVA PT
- IT industry
 - Datawizard IT
 - GNOMON GR



The EEHRxF ecosystem from 2027 onward



* EEHRxF Implementers are organisations which need to comply with the EHDS Regulation by implementing the EEHRxF and/or want to realize the value the EEHRxF can bring
 ** These EEHRxF implementers can be member or customer of ESHIA. They can join the Technical Committee only if they are member of ESHIA
 *** SDOs can be member of ESHIA or ESHIA service supplier for ESHIA's customer

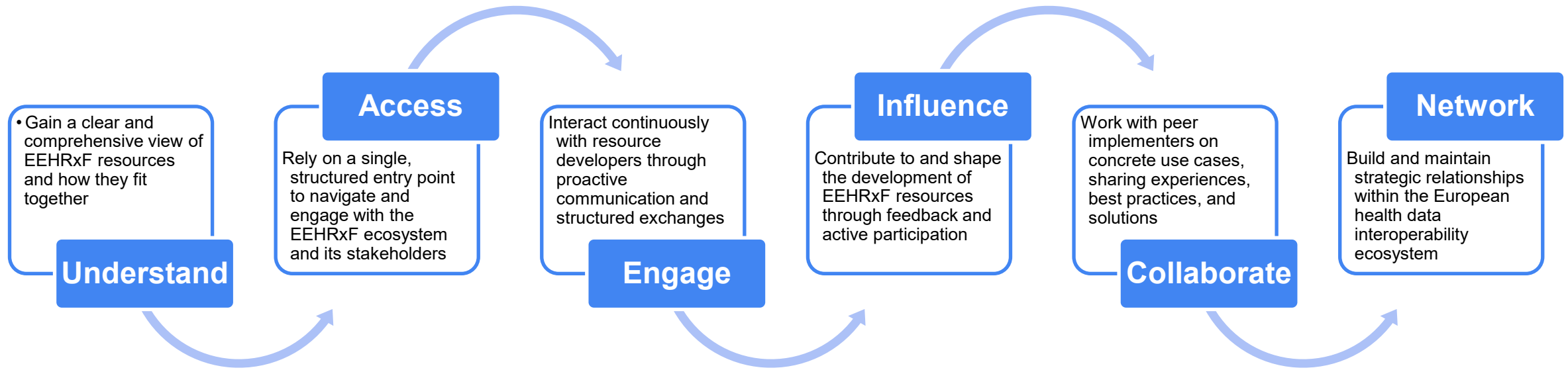
ESHIA Stakeholders



- **Full members**
(lead to deliver ESHIA / Hub services)
 - SDOs = Standards Development Organisations
 - ESA = European stakeholder associations
 - ICCs = Interoperability Competence Centres
- **Associate members**
(collaborate to deliver ESHIA / Hub services)
 - Any interested organisations
- **Participants to the Public and Private sector Advisory Boards**
 - Under ESHIA invitation
- **Customers**
 - Potentially all organisations engaged on the implementation of the EEHRxF



The EEHRxF journey proposed by ESHIA (1/2)



The EEHRxF journey proposed by ESHIA (2/2)



Dimension	Membership (Ecosystem Participation)	Services (Implementation Support)
Overall value	Be part of and shape the EEHRxF ecosystem	Achieve effective and efficient EEHRxF implementation
Understand	Gain a comprehensive overview of EEHRxF resources and their evolution	Identify organisational gaps, priorities , and implementation needs
Access	Use ESHIA as a structured entry point to the ecosystem and SDOs	Access the right experts, standards, and resources without navigating complexity
Engage	Interact with developers and stakeholders through proactive communication and working groups	Receive tailored guidance and expert support on specific challenges
Influence	Contribute to and shape the development of EEHRxF resources	Make informed implementation decisions with expert input and validation
Collaborate	Exchange with peer implementers on best practices and use cases	Work with experts (and optionally peers) to solve concrete implementation issues
Network	Build strategic relationships within the European interoperability ecosystem	Leverage the ecosystem when needed to support specific implementation goals

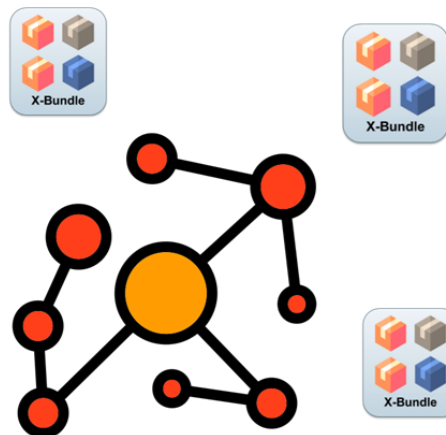


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The X-Bundle Registry

X-Bundles are a **targeted aggregation of assets (and artefacts)** that support the interoperability within and between health systems in different ways, based on EHRxF specifications.

Designed as a **network of reusable and searchable assets and artifacts**, helping to meet specific needs in the healthcare domain and facilitating interoperability within and between systems.



<https://x-bundles.ehr-exchange-format.eu/>



The screenshot shows the X-Bundle Registry website. At the top, there is a navigation bar with the 'Share' logo, 'X-Bundle Registry', and 'XpanDH' logo. Below this is a dark blue menu bar with links for 'HOME', 'X-BUNDLES', 'LEGEND', and 'ABOUT'. A prominent orange warning banner reads 'Warning: This is a proof of concept..'. The main content area features a 'Welcome to the X-Bundle Registry.' message, followed by explanatory text about the platform's purpose and development. A 'Explore X-Bundles' section is visible at the bottom, with a green button labeled 'EEHRxF Priority Domains'.

Interoperability Assets: some examples

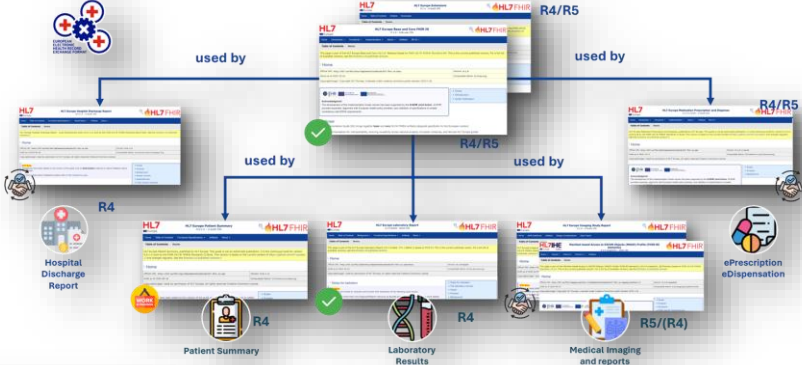
Owned and Maintained by ESHIA

Owned and Maintained by ESHIA members

Owned and Maintained by other orgs

xShare use cases

The xShare project aims to set new standards and allow the patients to share their own health data via the European Electronic Health Record Exchange Format (EH-Rx4) specifications defined under the European Health Data Space (EHDS) legislation. xShare's eight Adoption Sites (AS) are developing and demonstrating how the patient, by simply clicking a Yellow Button, can share their data.



eHealth Network

GUIDELINE on the electronic exchange of Health Data under the Cross-Border Directive 2

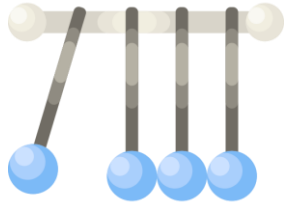
Name	Flags	Card.	Type	Di
EHDSMedicationPrescription		0..*	EHDSDataSet	En
header		1..1	Base	Pr
subject		1..1	EHDSPatient	Th
identifier		0..*	Identifier	Id
authorship		1..*	Base	Re
author(x)		1..1	Base	Th
author EHDSHealthProfessional			EHDSHealthProfessional	Th
author EHDSOrganisation			EHDSOrganisation	Th

GAZELLE
eHealth test framework for interoperability



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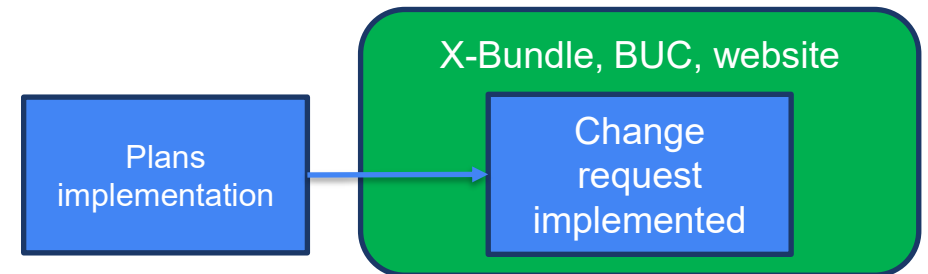
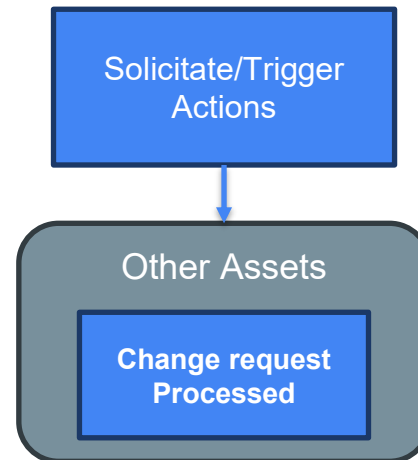
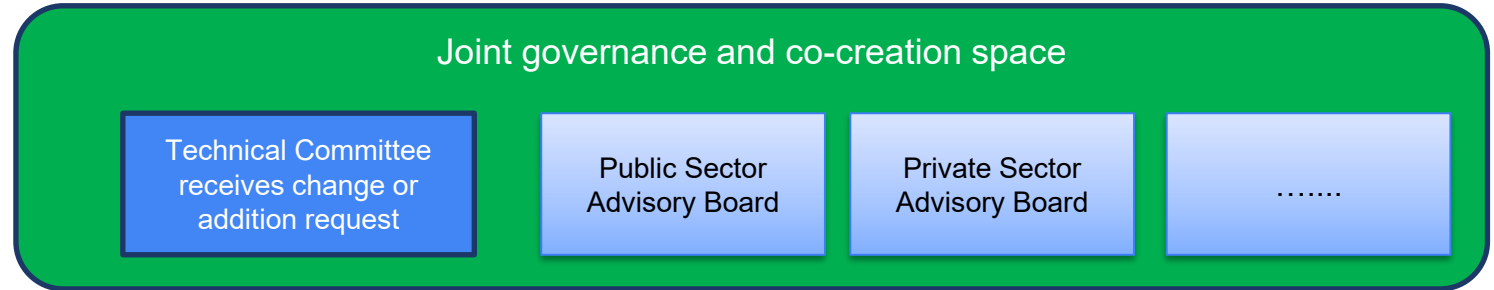
Feedback process



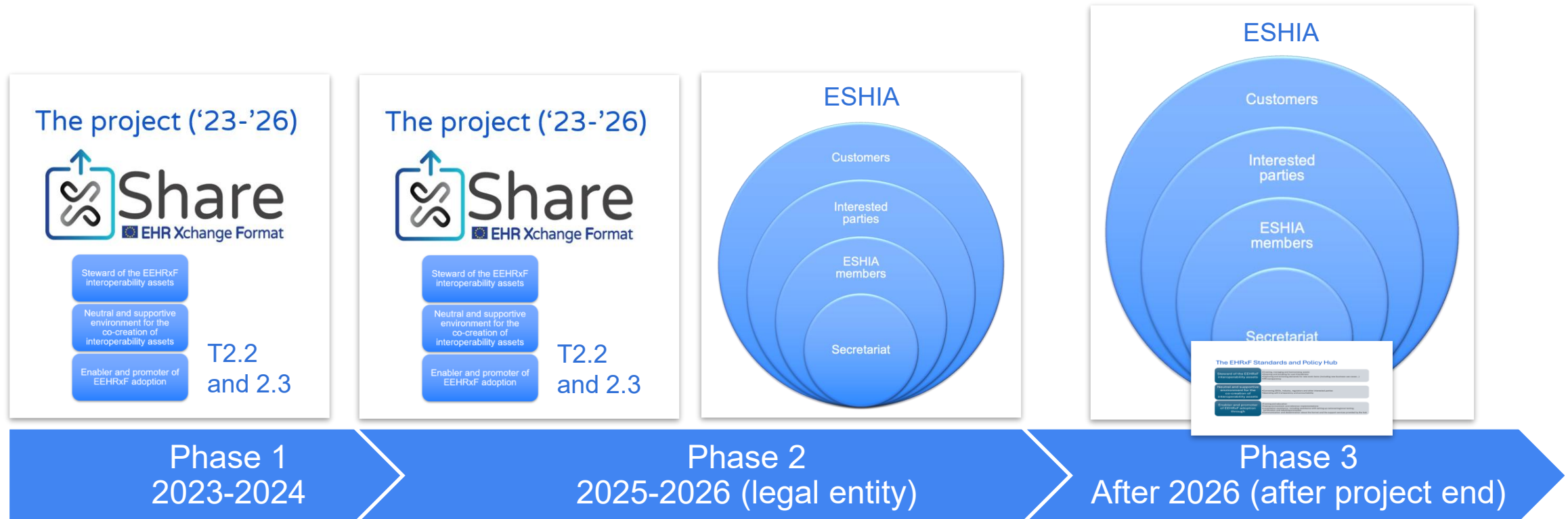
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Phases setting up the Hub and ESHIA



What's next: Priority Work programme for 2027



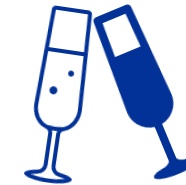
- Aligning the xShare interoperability assets to the specifications set in the Implementation Acts
- Engaging members in prioritising the implementer's needs to be addressed
- Offering help desk support
- Operationalising the feed back process
- Collaborating with the European Commission and its Support Centre



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Thank you



Let's celebrate this important day!

www.eshia.eu marc.lange@ehtel.eu

[Adopting EHRxF – X-Bundle Registry and other sources](#)



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