



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

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(based on the presentation by Catherine Chronaki, HL7 Europe, xShare Scientific Coordinator)



Co-funded by
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- ✂ Expanding the European **EHRxF** to
 - (EHRxF: electronic health record exchange format)
- ✂ **share** and effectively use
- ✂ **health data** within the **EHDS**
 - (European Health Data Space)



xShare

- ✂ What is it about?
 - Share data – share health data
 - Easily...

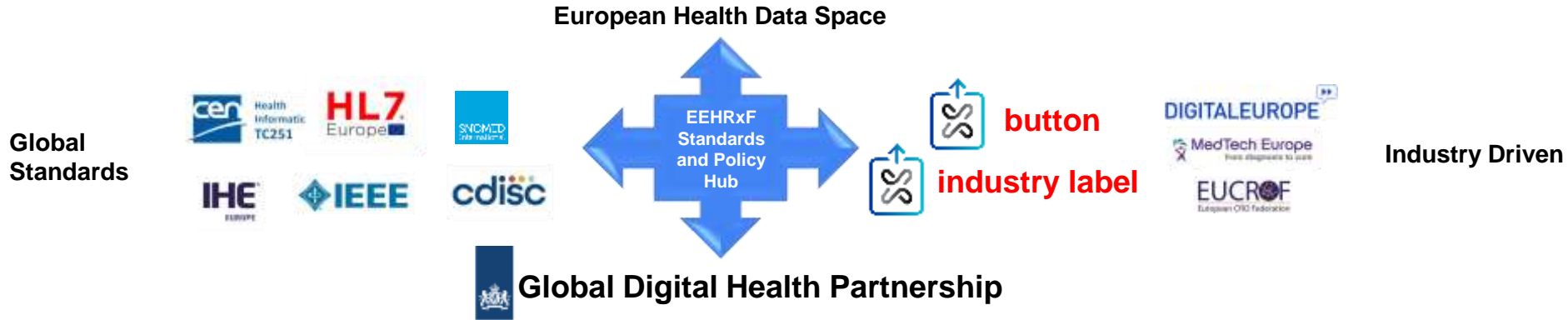
Let me ask you a simple question:

- ✂ Have you ever posted a picture on Facebook?
 - Or other social media?
 - Or share it with a friend?
- ✂ It is easy. You can share
 - in Gmail, in Whatsapp, in Facebook...
 - With a click of a button...
- ✂ This is exactly what we want to do with health data
 - Share it with a click of a button – a yellow button 😊



xShare vision:

Everyone can share their health data in EEHRxF with a click-of-a-button.



Three are the main elements of implementing this vision:

- The **Button** (the yellow button): illustrates this capability
- The **HUB** (the EHRxF HUB): brings together global standards with industry and government
 - To create the specifications and accelerate adoption
- The **Label** (the industry label): demonstrates the commitment of the industry to implement EEHRxF









Implementing the xShare vision:

Everyone can share their health data in EEHRxF with a click-of-a-button.



European Health Data Space



-  **Demonstrate the impact of xShare** across continuity of care, clinical research, and population health.
-  Start with **9 adoption sites** – select 25+ ecosystem partners to accelerate adoption across Europe.
-  **Demonstrate** safe, trusted, low-cost **sharing** of high-quality structured coded health data.
-  Facilitate movement of **digital health services** across Europe and globally through standards.
-  **Drive Europe's competitive advantage** for R&I in EHDS in the era of AI and big data.
-  **Hub as an accelerator** contributing to adoption of global standards with the EEHRxF format.



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Business Use Case- Harmonization-Demonstration-Testing and Assessment



VISION

Everyone can share their health data in the EEHRXF at the click-of-a-button.



EEHRxF Standards and Policy Hub (WP2)

European EHRxF adoption monitoring in the EHDS (WP6)

Capacity Building, Cybersecurity & Privacy, and Innovative Procurement (WP7)

xShare Industry Label, Policy Recommendations and Business Viability (WP9)

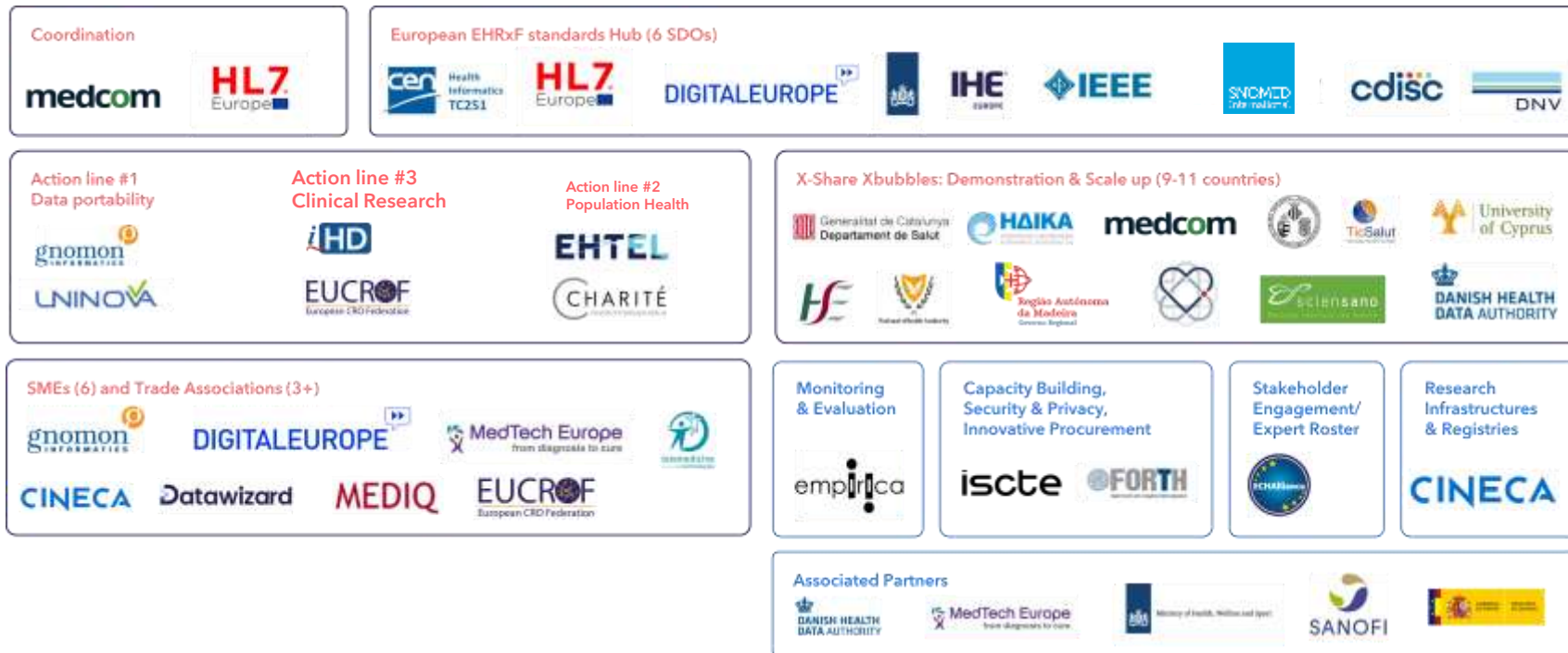
xShare Launch event with Xt-EHR and XpanDH



17 January 2024, @ #AthensDigitalHealthWeek2024



The xShare Consortium



FORTH's contribution: security and privacy

- 📌 People will adopt “the button”
 - if they **trust** the data
 - If they feel **safe**
 - If their data are **protected**
 - If their **privacy** is assured
- 📌 FORTH will contribute towards **secure**
 - data sharing, and
 - **privacy-preserving data sharing**
- 📌 FORTH will contribute towards a framework for individuals
 - to share their data in a **secure** way

FORTH's contribution

- 📌 Develop **privacy-enhancing technologies (PETS)**
 - To preserve users' privacy
- 📌 **Anonymize** (pseudonymize) data
 - If needed
 - So that their data
 - stay private,
 - are **trustworthy**, and
 - of high quality
- 📌 Contribute to **capacity building** in security and privacy
 - For citizens, health practitioners, and digital health developers
 - Ensure that the hub will have the highest quality educational resources
 - In security and privacy
 - Be pre-existing or created through identified gaps

Summary

- With xShare:
- You will be able to **share your health data** (e.g. lab results)
 - As simply as you can share a picture in your social media!
- EU Companies** will indicate their capability to **share data in the EHDS**
 - With the xShare industry label
- Europe** will facilitate AI-based innovation with the **format**
 - The European Electronic Health Record Exchange Format





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Project page

<https://www.linkedin.com/company/xshare-project>

LinkedIn group

<https://www.linkedin.com/groups/14353596/>



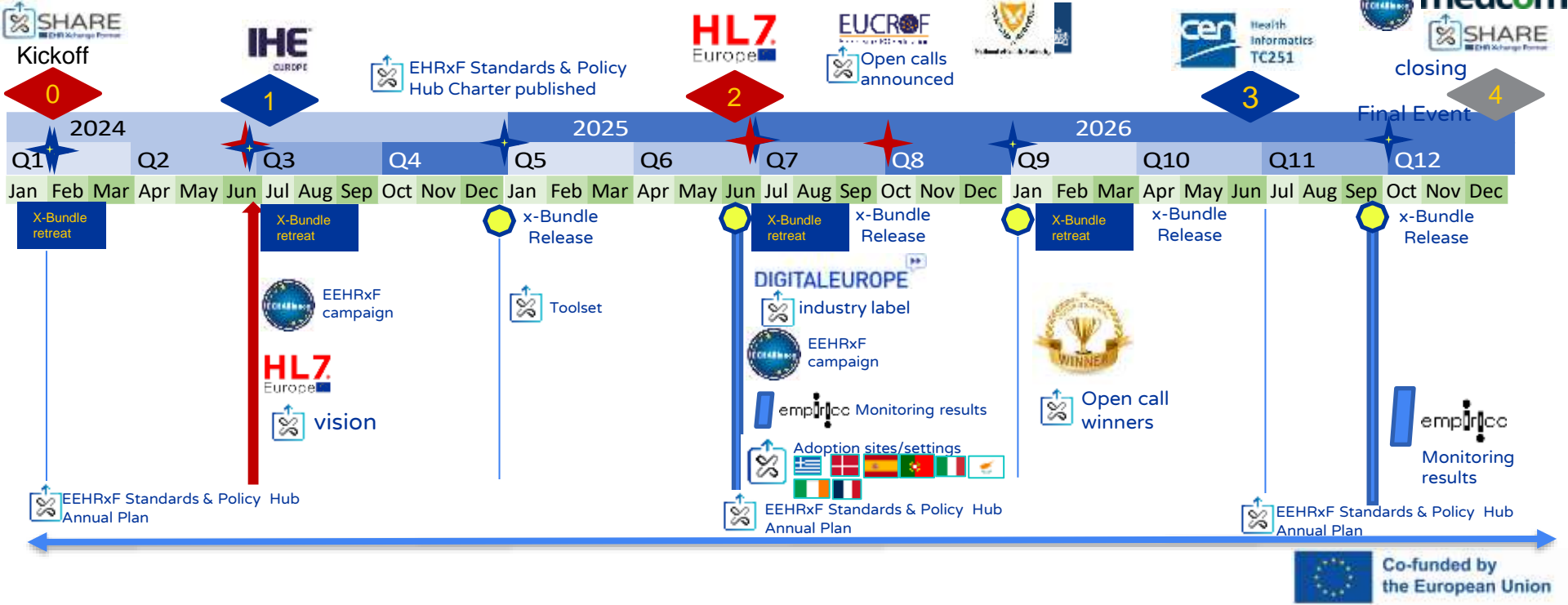
Project account

https://twitter.com/xShare_project

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



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xShare two-phase Workplan (2024-2026)

EEHRxF is "the Format" for health data in EHDS



The priority categories of personal electronic health data referred to in Article 5 of the EHDS draft regulation are:

- patient summaries
- electronic prescriptions
- electronic dispensations
- medical images and image reports
- **laboratory results**
- **discharge reports**

HL7 FHIR
IG laboratory results



29.11.2023
HL7.tv
15.12.2023

The "Hub" will create and maintain X-Bundles for these priority data categories

Business needs will direct us towards new data X-Bundles to be created for them. Current proposals are for:

- care plan
- patient summary for research (IPS-R)



A call for action to you...

- 📌 Let's work together to make the European “yellow button” a reality?
 - Help shape the vision for an “xShare industry label: liberating health data”

- 📌 Would you like to engage with xShare and the "Hub"?
 - Be xShare ambassadors or Liaisons, engage with the Annual workplan of the "Hub"
 - Contribute material to the "Hub" for the X-Bundles to accelerate adoption
 - Explore revenue sharing models for materials to be jointly developed and maintained

- 📌 Let's identify digital health partnerships
 - join us as associated partners
 - Join the xShare Yellow Button campaign for the EEHRxF!