

# IHE<sup>®</sup> | EXPERIENCE EUROPE | DAYS | 3-4 JUNE 2024



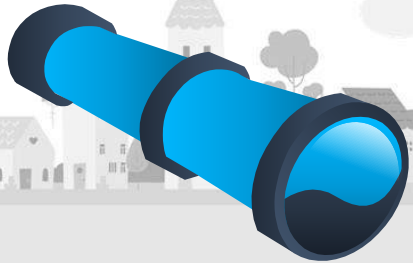
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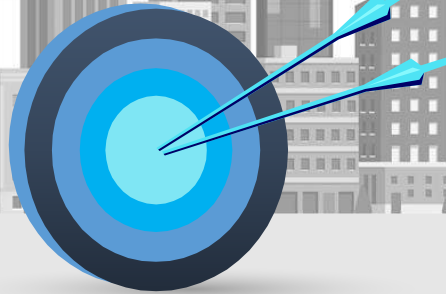
## Extended EHR@EU Data Space for Primary Use

Prof. Christos N. Schizas

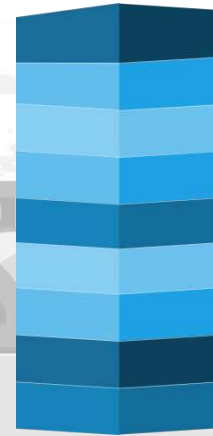
President of the National eHealth Authority of Cyprus



Purpose



Objectives



Deliverables



Timeframe

# Purpose

01

Standardization  
for the  
adoption  
of the  
EEHRxF@EU

02

Complementary  
services  
for the  
MyHealth@EU

03

Definition of  
integration  
profiles  
of EHRs

01

Standardization  
for the  
adoption  
of the  
EEHRxF@EU

- Technical Specifications
- Implementation Guides
- Conformity Assessment Framework

## 02

Complementary  
services  
for the  
MyHealth@EU

### EHR solution in the European Digital Single Market

- Security Framework
- Technical Specification and Use Cases
- KPIs
- Operational ground for the operation of cross-border health information exchanged



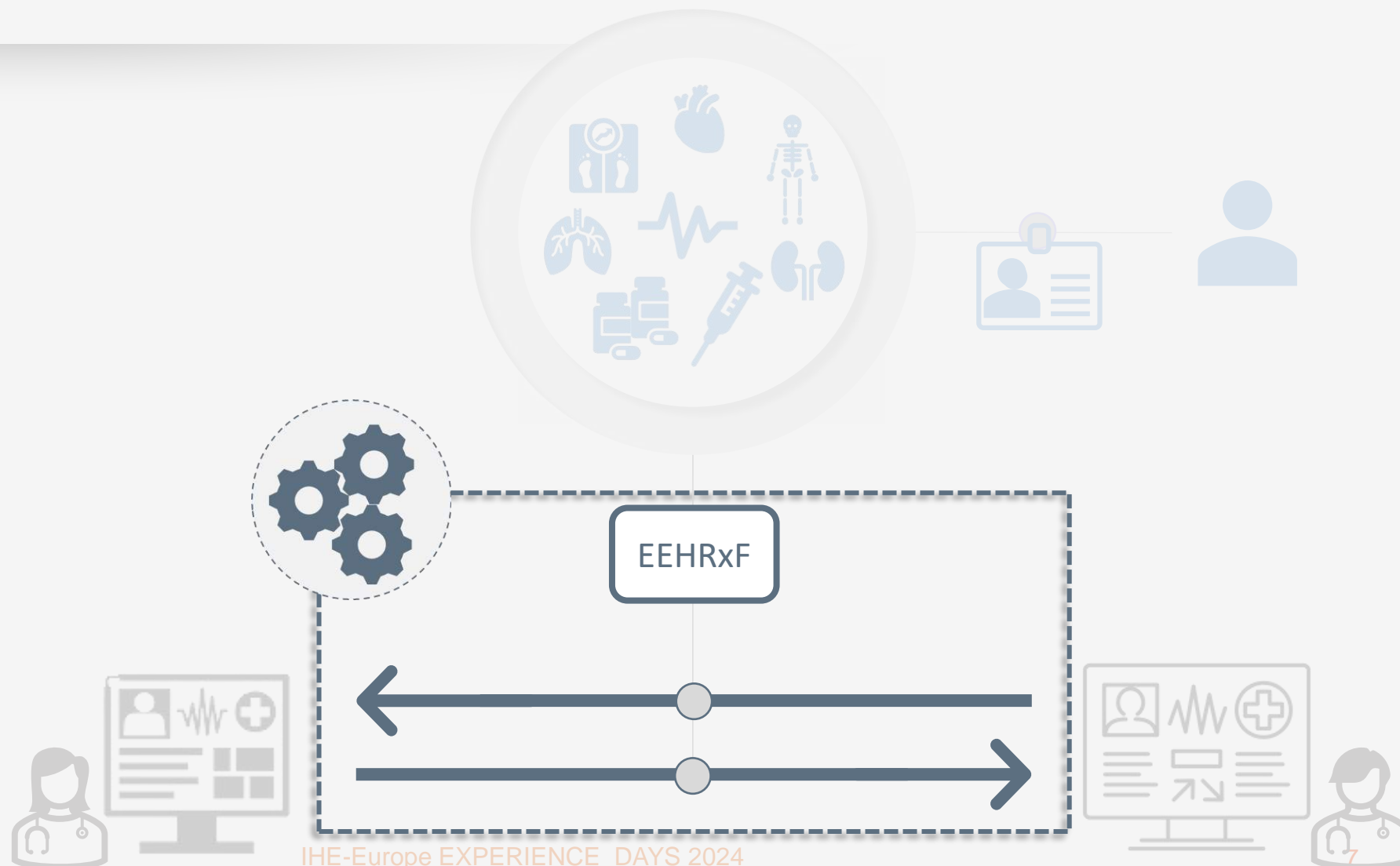
## 03

### Definition of integration profiles of EHRs



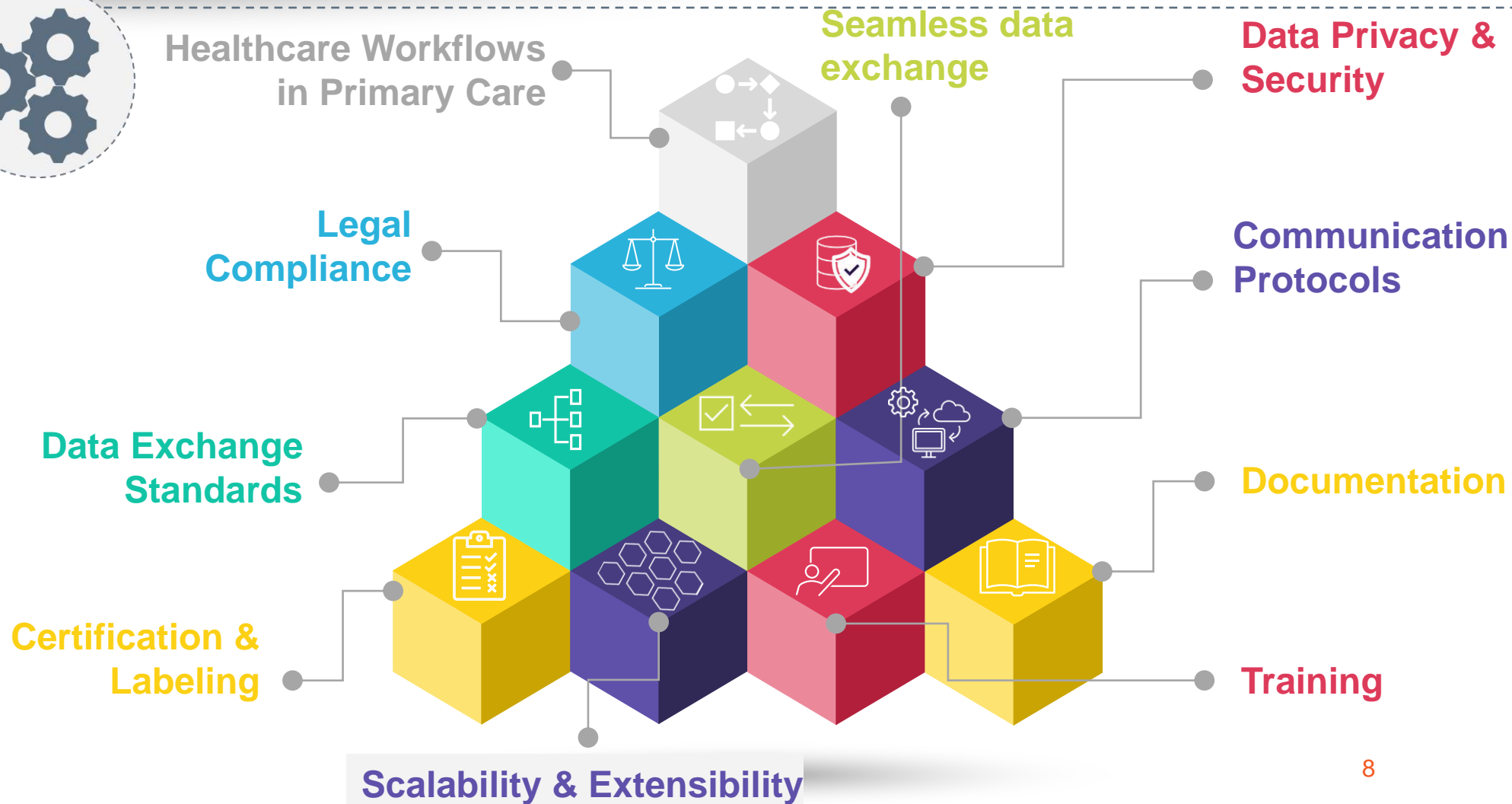
## 03

Definition of  
integration  
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03

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## 03

Definition of  
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03

Definition of  
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# Objectives

Promote the **adoption of the  
EEHRxF in all EU EHR  
systems**

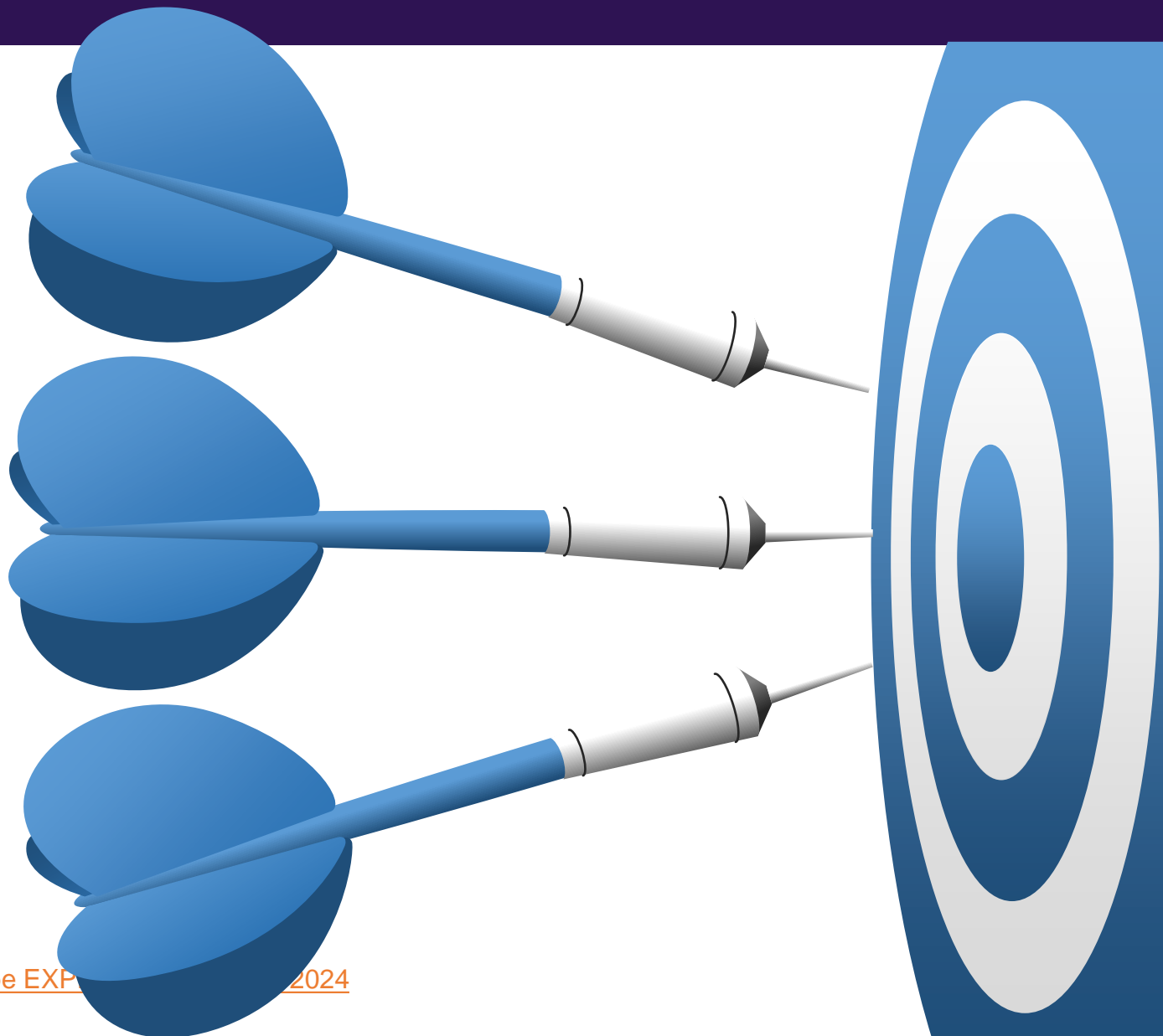
01

Promote **EHRs & cross border  
healthcare use cases beyond  
the MyHealth@EU**

02

Promote the **EHR systems' &  
wellness apps' certification &  
labelling processes** in the  
European digital single market

03



# Objectives



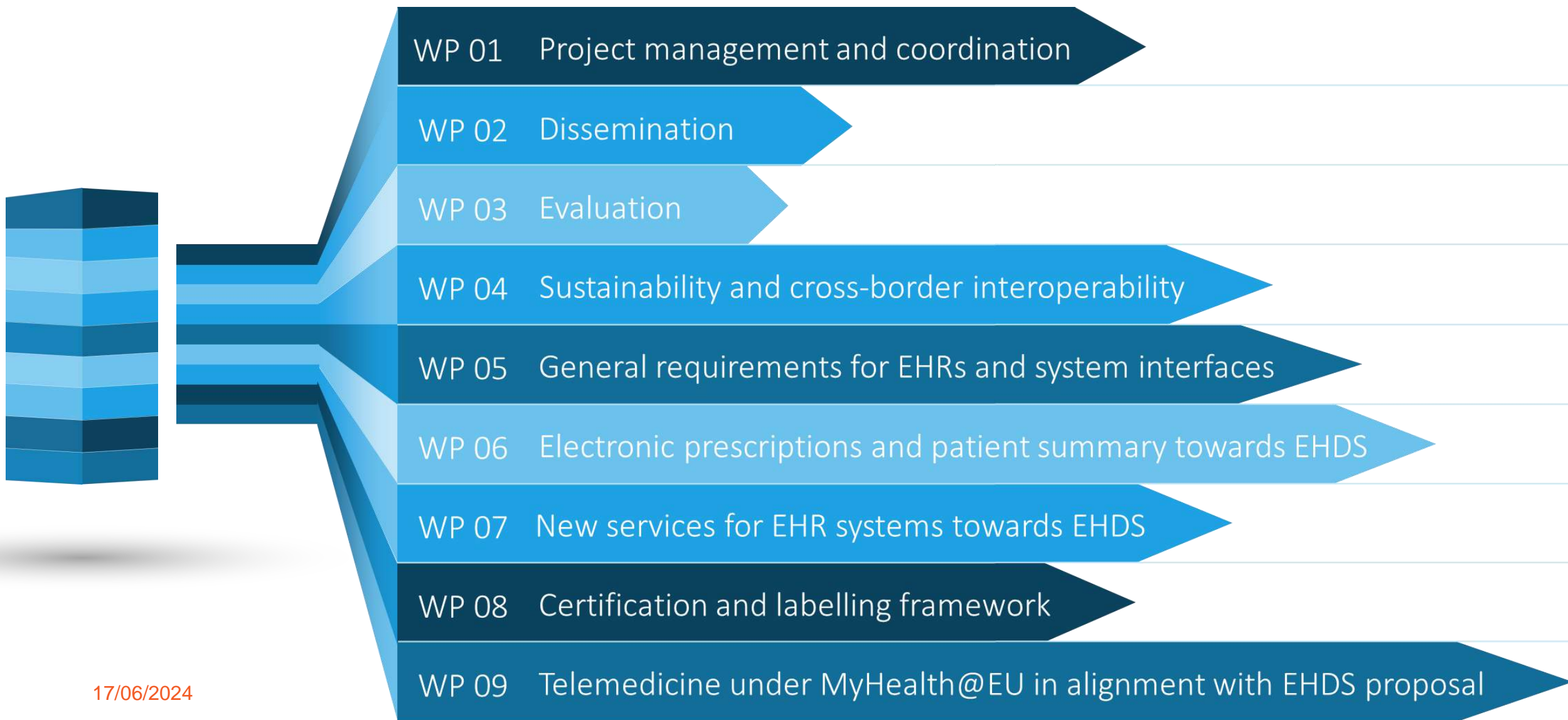
**04** Provide **proof of sustainability of the selected use cases**

**05** Provide adequate **technical specifications & implementation guides to allow the adoption of the EHDS regulation across MS**

**06** Expand on previous & cooperate with other **projects and initiatives in the domain of digital healthcare/interoperability** in EU

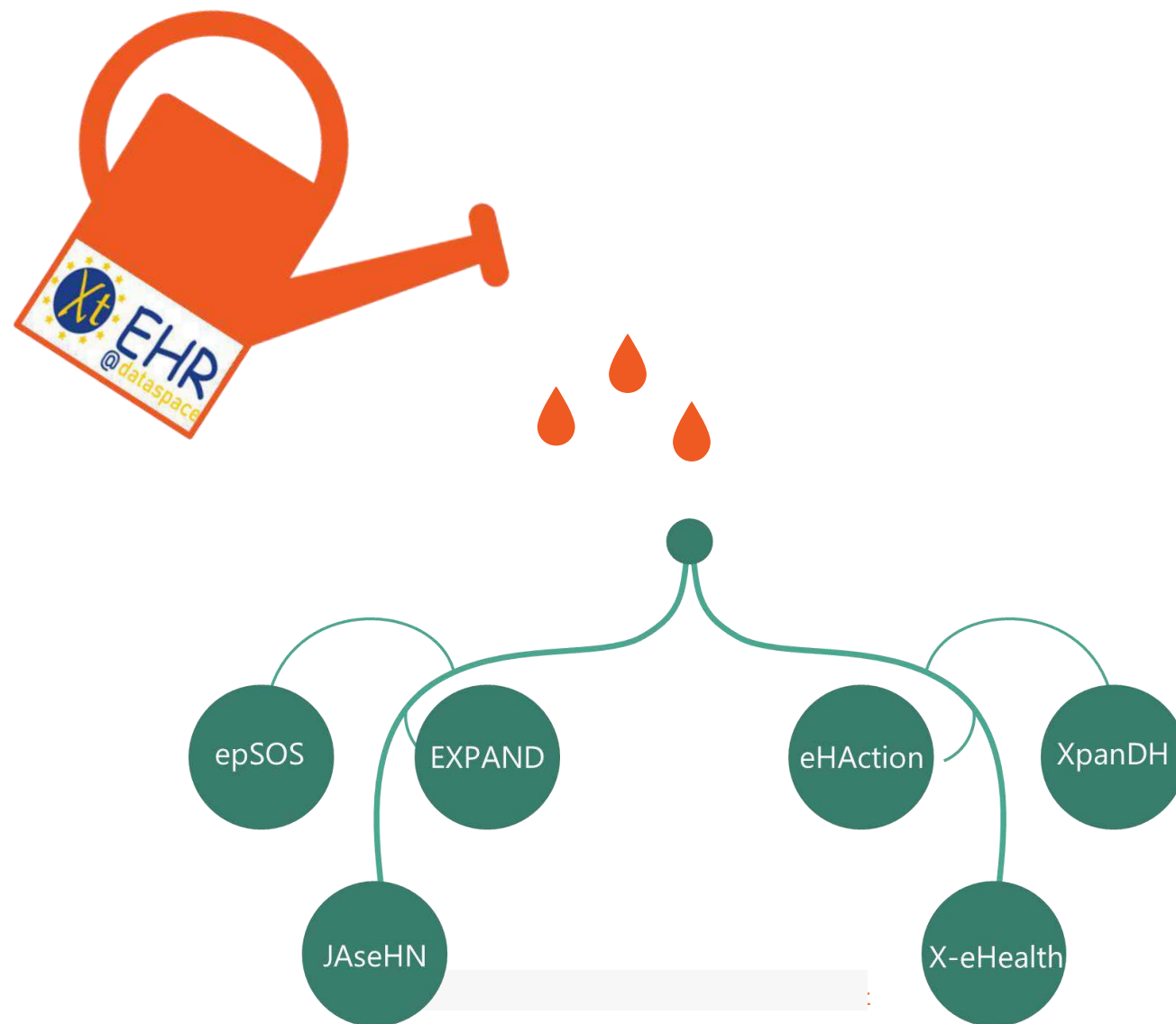
**07** Reuse **all existing management & governance assets of digital health and interoperability in Europe**

# Workpackages



# Deliverables

WP 01	Project management and coordination	D1.1		
WP 02	Dissemination	D2.1	D2.2	
WP 03	Evaluation	D3.1	D3.2	
WP 04	Sustainability and cross-border interoperability	D4.1	D4.2	
WP 05	General requirements for EHRs and system interfaces	D5.1	D5.2	
WP 06	Electronic prescriptions and patient summary towards EHDS	D6.1	D6.2	
WP 07	New services for EHR systems towards EHDS	D7.1	D7.2	D7.3
WP 08	Certification and labelling framework	D8.1	D8.2	D8.3
WP 09	Telemedicine under MyHealth@EU in alignment with EHDS proposal	D9.1	D9.2	D9.3

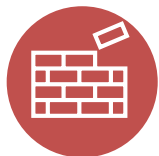




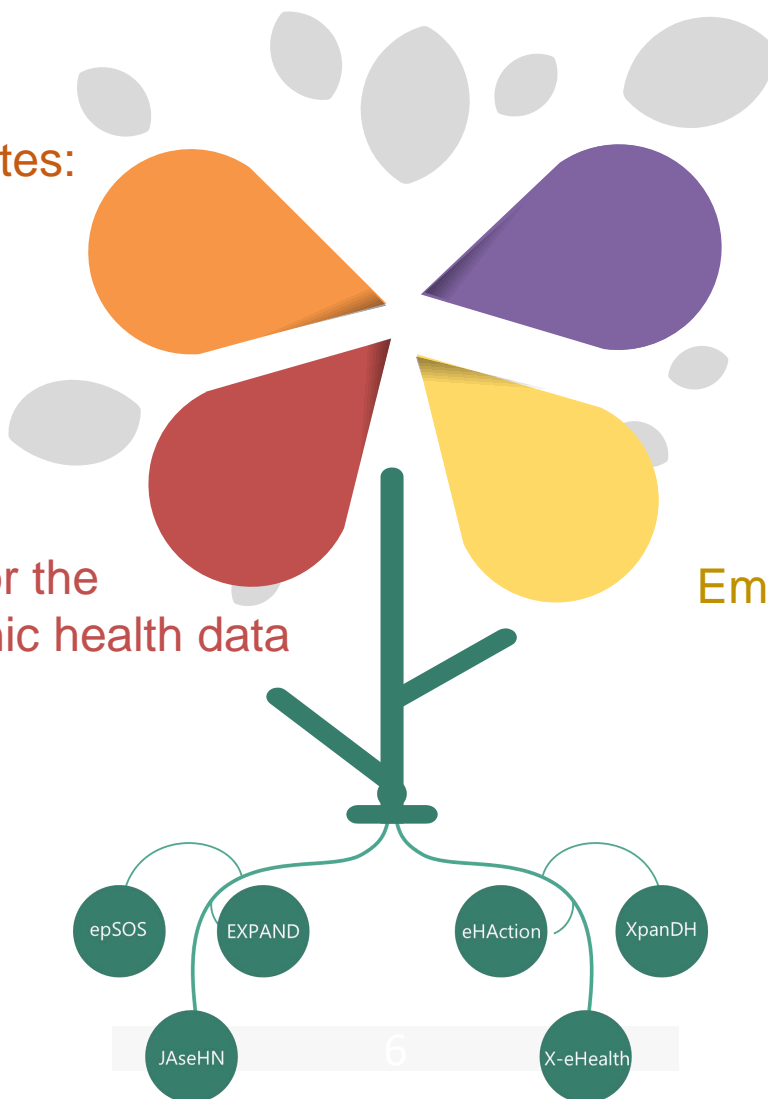


## Cooperation among Member States:

- interoperability
- exchange of healthcare data



## Preparation of the foundations for the improved primary use of electronic health data



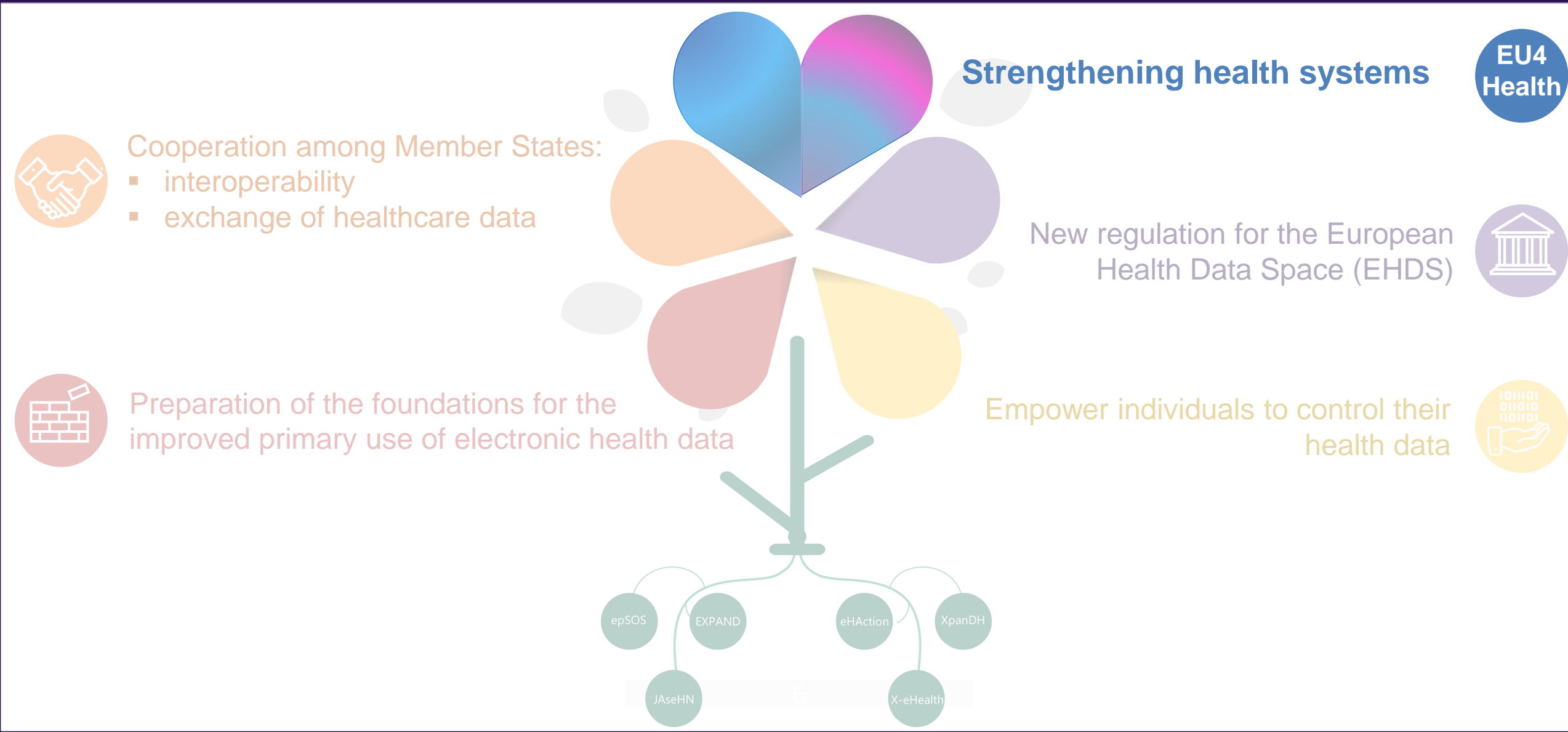
## New regulation for the European Health Data Space (EHDS)

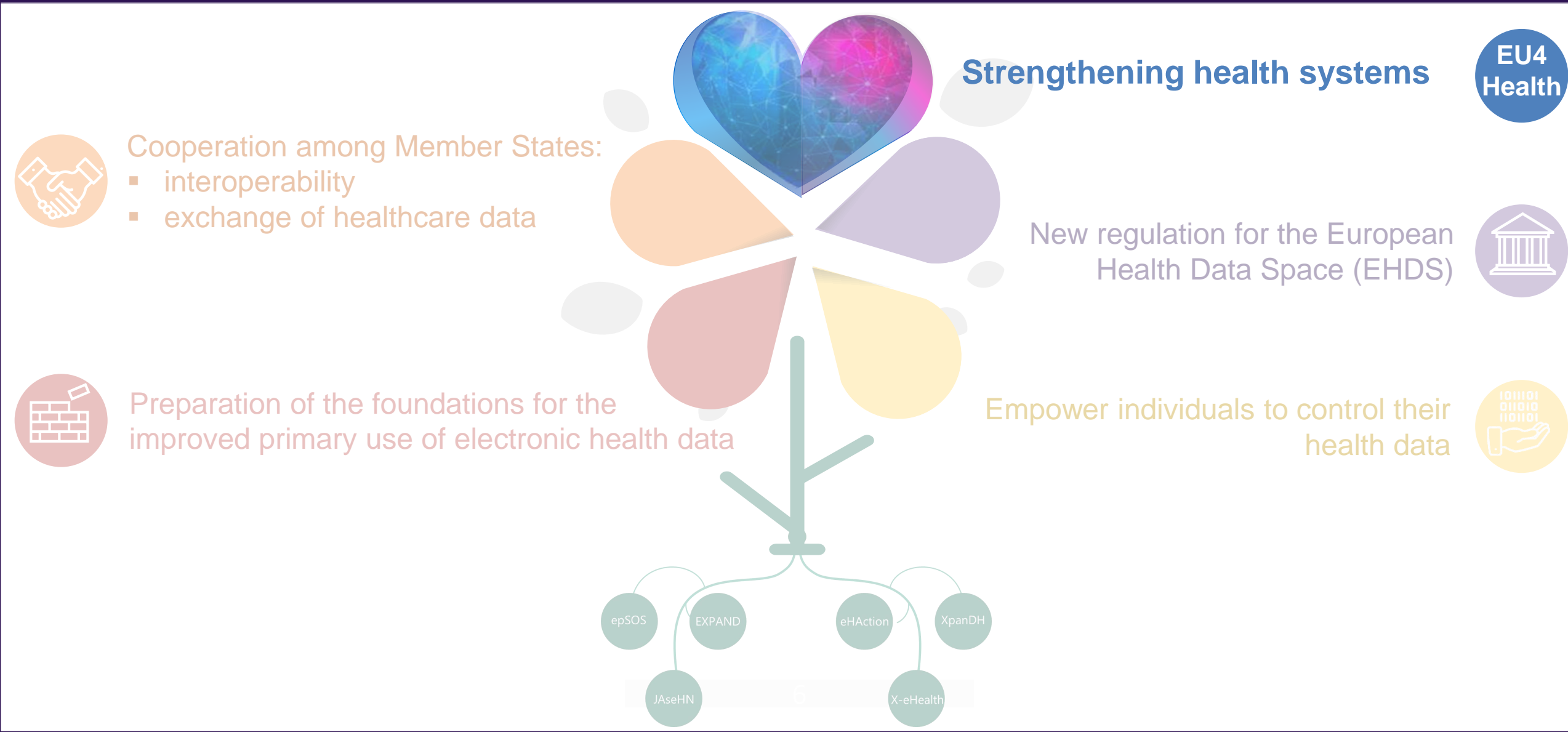


## Empower individuals to control their health data





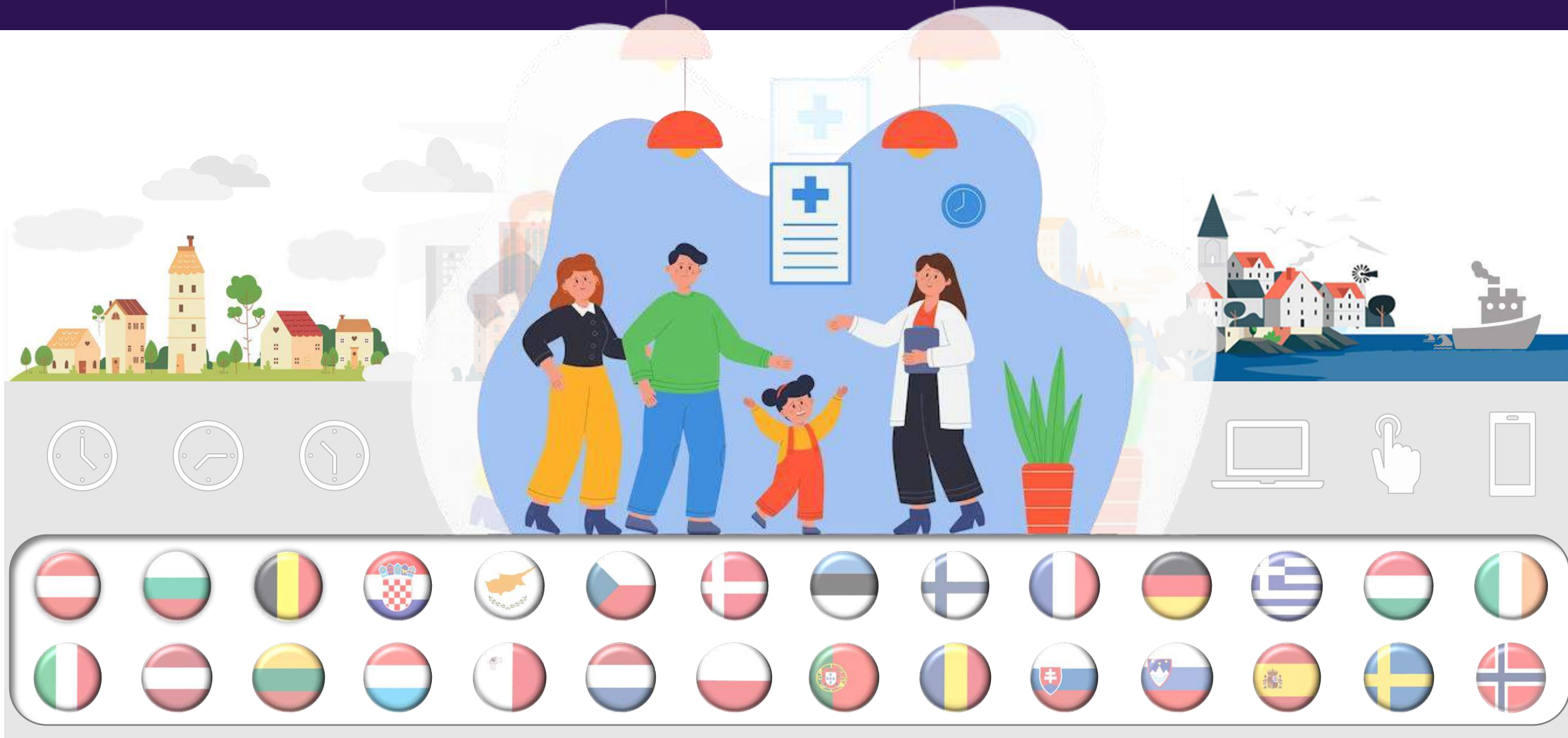








A Europe fit for the digital age



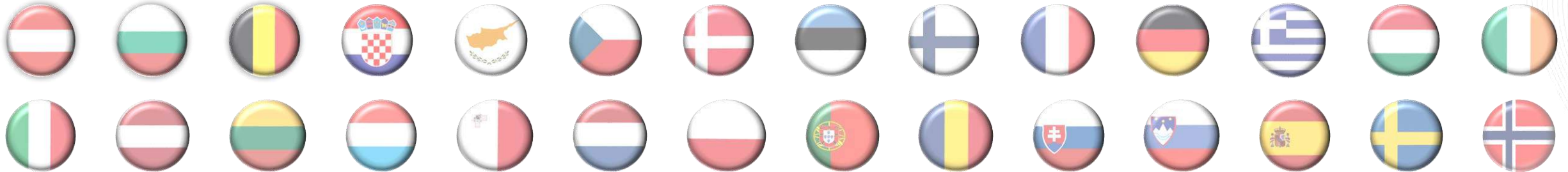


# Participants



## Extended EHR@EU Data Space for Primary Use

- 28 Countries 56 organizations



# **Xt-EHR activities are Progressing**

# WP6: T6.1 Patient summary: EEHRxF, requirements, and specifications for EHR systems

## Current status:

- 18 Member States (+ Norway) have compiled or updated the Patient Summary questionnaire initially promoted by the PS cluster (see EC Confluence pages)
- We are analyzing the outcomes of the survey to assess the readiness of the Member States on (at least) the five "basic" (=mandatory) sections of the (European) Patient Summary
- In the meantime, we are working on a first draft of D6.1 (available on Sharepoint), using the ToC proposed by the WP6-7 joint working group
- During the meeting on the 7th of May, we identified 11 volunteers (from 6 different MS) willing to work on the "basic" sections of the PS and understand the root causes of non-conformance of MS



# **WP6: T6.2 Electronic prescriptions and electronic dispensations: EEHRxF, requirements, and specifications for EHR systems**

## **Current status:**

- **Methodology**

- Layered approach – in line with WPs 6-7
  - Starting from eHN guidelines
  - Gradually building by taking those specifications and build functional or non-functional specifications

- **Task work groups (TBD)**

- Use cases
- Requirements analysis
- Logical models

# WP7: T7.1 Laboratory results and reports: EEHRxF, requirements, and specifications for EHR systems

## Current status:

- **GA amendment proposal under analysis:** The suggestion of the new dates needs to be carefully analysed. (in progress)
- **WP7 Task Leaders (biweekly meetings):** define action points, resolve issues and define the consortium meeting agenda: next meeting 06-06-2024 (in progress)
- **Task Meetings:**
  - T7.1 next meeting 07-06-2024 (in progress)
- **WP6-7 Joint Meetings:** establish a common vision and approach on what content should we include in the implementation guides (finished)
- **Cross-WP Architecture Group Meetings:** align common architectural approach concerning Electronic Health Records (EHRs) between different work packages (in progress)

# WP7: T7.1 Laboratory results and reports: EEHRxF, requirements, and specifications for EHR systems

Activity	Notes	Status
D7.1 Laboratory results and reports: EEHRxF, requirements and specifications for EHR systems (Mar 26)	Working document: <a href="#">link</a>	In progress
<ul style="list-style-type: none"> <li><b>Priority:</b> Analysis of the content to be included in the guidelines (X-eHealth Data Model, eHN guidelines and eHDSI requirements)</li> </ul>	Collecting relevant material (eHN Guidelines, ISO standards, XpanDH, X-eHealth, etc, ...): continuous activity	continuous activity
<ul style="list-style-type: none"> <li>X-eHealth clinical data model Analysis (<a href="#">link</a>)</li> </ul>	Compare with eHN Lab guideline; national guidelines. Collect national lab reporting guidelines	In progress: These tasks were distributed among the participants
<ul style="list-style-type: none"> <li>Laboratory Data Model (<a href="#">link</a>)</li> </ul>	Document to compare the model with the eHN guidelines and subsequently evaluate the cardinality and data types of the elements	In progress: feedback from participants has been requested.
<ul style="list-style-type: none"> <li>Chapters – introduction, scope (<a href="#">link</a>)</li> </ul>	The introduction and scope chapters have been elaborated in all deliverables from WP7	concluded

# WP8: T8.1 Classification and functional profiles of EHR Systems

## Current status:

- Survey planning has been completed for conformance and compliance aspects of EHR systems + health and wellness applications (T8.1 but also other WP8 tasks)
- Survey is sent out
- Data collection on existing practices from member states and existing models continues
  - All material, but especially brief descriptions and overviews preferred

### Xt-EHR CONFORMANCE AND COMPLIANCE SURVEY (WP8)

The purpose of this survey is to identify the current status of the following topics per Member States, concerning some key elements in related EHDS articles and Xt-EHR Work Package 8 (WP8):

- EHR systems guidelines and harmonised requirements, including harmonised component of EHDS systems.
- EHR Conformity Assessment Scheme
- Wellness application labelling guidelines

Some questions of this questionnaire complement and deepen the content on legal and regulatory requirements in Xt-EHR WP4 and D4.1.

The results will be used to prepare guidelines supporting conformity and compliance assessment in EHDS and for the adoption of the European Electronic Health Record Exchange Format (EEHRxF), at a European Level.



## Extended EHR@EU Data Space for Primary Use

# THANK YOU

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# SAVE the DATE