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- Questions during the session? Please use the chat box. We will address the questions in the second part of the webinar
- Note that this webinar will be **recorded** and made available on our IHE-Europe YouTube channel
- Slides will be **available on IHE-Europe** webpage lacksquare



Join us for the December webinar

National Infrastructure for Imaging in Finland

Marko Jalonen

Friday 13 December **1PM CEST**





EUROPE ® WEBINARS

How EU projects work together towards the EHDS

IHE Europe Webinar Series 22-Nov-2024

Pieter Devolder Sofia Franconi







IHE EU-Affairs committee



Pieter Devolder **IHE Europe EU-Affairs Chair**



Sofia Franconi **IHE Europe** Interoperability lead





Eva Sabajova **IHE Europe European Affairs**





The snowball effect of the Format



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EEHRxF: European Electronic Health Record Exchange Format **EHDS**: European Health Data Space **IHE**: Integrating the Healthcare Enterprise **Xt-EHR**: Extending the Electronic Health record **XpanDH**: Expanding the Digital Health Ecosystem **epSOS**: european patient Smart Open Services **eHDSI**: eHealth Digital Service Infrastructure



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 electronic health record (EHR) systems
 - Creating a single market for electronic health records systems •



European landscape

Innovation, experimentation	epSOS	EXPAND, JAseHN, eHAction, X-eHealth	XpanDH	xShare	
	 Development of the MyHealth@EU infrastructure 	hospital discharge reports, •	Further elaboration of the format Pilots, verification of implementability Set-up of the ecosystem	 Practical implementation of patient- mediated workflow for data Patien Patien MyHe Further development of the exchange format (e.g. care plans, telemonitoring) 	
		Work on the	eHealth Network	Joint action Xt-EHR	
Formalisation		• Use cases, principles	delines • Work on the • Requireme (recommence acts under E	e formalisation of the format nts for the certification of EHR systems lations for possible future implementing HDS)	
		Adopted by States in th		rk by MyHealth@EU Solution Provider	
			Implement	ntable specifications, other artefacts ntation in OpenNCP for MyHealth@EU by Member States in the eHMSEG	
Infrastructure, deployment			MyHealth@EU curre	ent and future services	
	Patient Summary and	Original Clinical Documents		Lab results, hospital discharge reports, medic imaging	
	ePrescriptions/ eDispensations			S	

Further actions

vice deployment of the EEHRxF nt access to health data using alth@EU RxF support centre .C



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Further data categories



Projects related to the EEHRxF : First operational steps

Innovation, experimentation	EXPAND, JAseHN, eHAction, X-eHealth	XpanDH	xShare
Development the MyHealth@El infrastructure	hospital discharge reports,	 Further elaboration of the format Pilots, verification of implementabilit Set-up of the ecosystem 	 Practical implementation of patient- mediated workflow for data portability Further development of the exchange format (e.g. care plans, telemonitoring) EUVA
Formalisation Cross border services live in 1 countrie	• Use cases principles	• Requirements, (recomments acts under E Wo • Implements • Implements	Joint action Xt-EHR the formalisation of the format ents for the certification of EHR systems dations for possible future implementing EHDS) ork by MyHealth@EU Solution Provider entable specifications, other artefacts entation in OpenNCP for MyHealth@EU by Member States in the eHMSEG
Infrastructure, deployment		MyHealth@EU curre	ent and future services
Patient Summa and ePrescriptions eDispensations	Documents		Lab results, hospital discharge reports, medica imaging

2008 - 2014

Further actions

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Further data categories



MyHealth@EU live countries

MyHealth@EU (eHDSI)

- FUNCTIONAL, robust European health data infrastructure for cross-border eHealth services that currently connects several member states.
- Solid, functional foundation for EHDS services – primary use of health data.



Planned go-lives:

- Live now: CZ EE EL ES FI FR HR LU LT LV MT NL PL PT
- 2024: BG CY HU IE SI SE IT
- 2025: AT DE DK IS NO SK RO

Source: MyHealth@EU

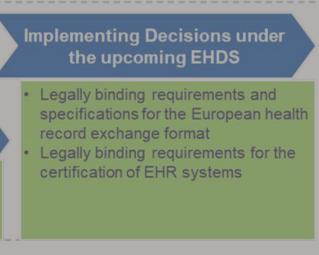


Projects related to the EEHRxF: Ramp-up phase for introducing EHDS

Innovation, experimentation	epSOS	EXPAND, JAseHN, eHAction, X-eHealth	XpanDH	xShare
	 Development of the MyHealth@EU infrastructure 	 Work on lab results, hospital discharge reports, medical imaging Defined use cases, data sets, data models Implementation guides for CDA and FHIR 	Further elaboration of the format Pilots, verification of implementability Set-up of the ecosystem	 Practical implementation of patient- mediated workflow for data portability Further development of the exchange format (e.g. care plans, telemonitoring) EUVA
		Work on the	eHealth Network	Joint action Xt-EHR
Formalisation	sation		, data sets, , da	e formalisation of the format nts for the certification of EHR systems dations for possible future implementing EHDS)
		Adopted b States in t		rk by MyHealth@EU Solution Provider
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Infrastructure, deployment			MyHealth@EU curre	ent and future services
	Patient Summary and	Original Clinical Documents		Lab results, hospital discharge reports, medica imaging
	ePrescriptions/ eDispensations			S

Further actions

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Further data categories



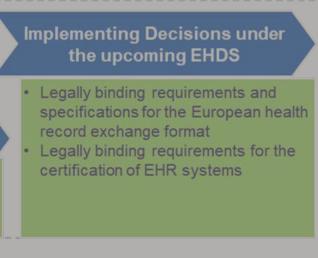
Project related to the EEHRxF

Innovation, experimentation	epSOS	EXPAND, JAseHN, eHAction, X-eHealth	XpanDH	xShare
	 Development of the MyHealth@EU infrastructure 	 Work on lab results, hospital discharge reports, medical imaging Defined use cases, data sets, data models Implementation guides for CDA and FHIR 	 Further elaboration of the format Pilots, verification of implemental Set-up of the ecosystem 	
Formalisation		gu	s, data sets, (recomm	Joint action Xt-EHR n the formalisation of the format ements for the certification of EHR systems endations for possible future implementing er EHDS)
		Adopted to States in the	Imple Imple	Work by MyHealth@EU Solution Provider ementable specifications, other artefacts ementation in OpenNCP for MyHealth@EU oted by Member States in the eHMSEG
Infrastructure, deployment			MyHealth@EU cւ	urrent and future services
	Patient Summary and ePrescriptions/ eDispensations	Original Clinical Documents		Lab results, hospital discharge reports, medical imaging So

2023 - 2025

Further actions

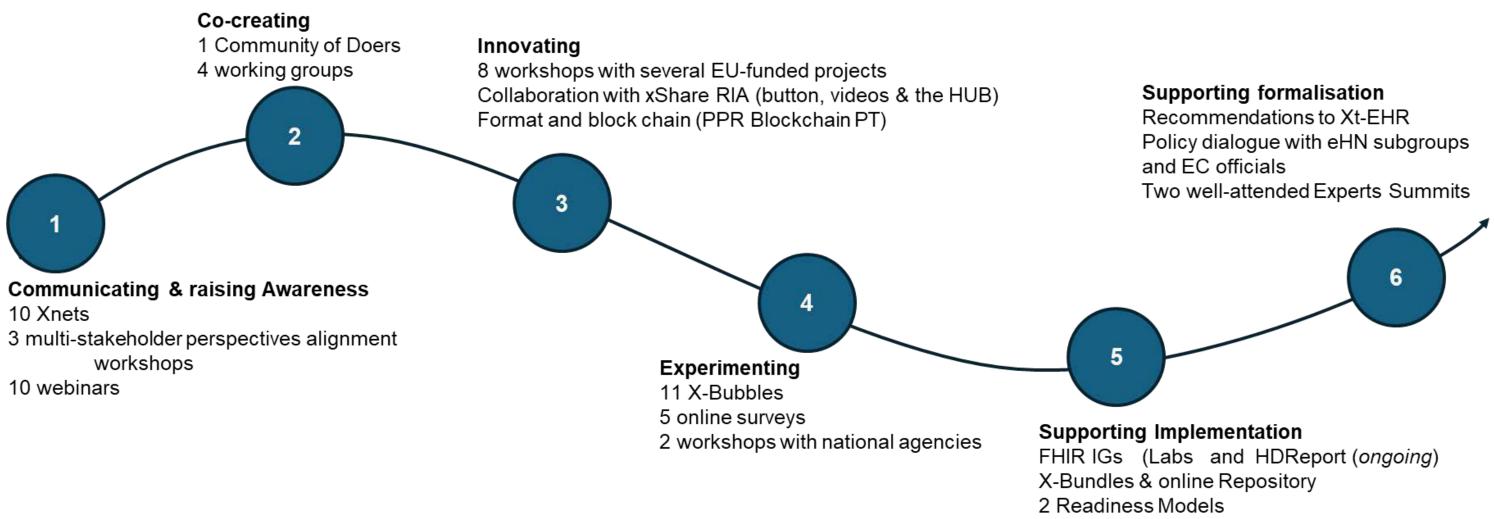
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Further data





🔆 XpanDH

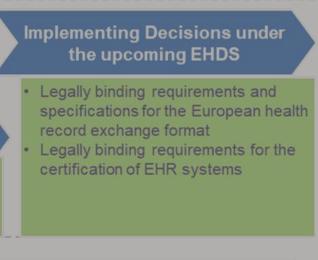


Project related to the EEHRxF

Innovation, experimentation	epSOS	EXPAND, JAseHN, eHAction, X-eHealth	XpanDH	xShare	•	
	 Development of the MyHealth@EU infrastructure 	 Work on lab results, hospital discharge reports, medical imaging Defined use cases, data sets, data models Implementation guides for CDA and FHIR 	 Further elaboration of the format Pilots, verification of implementability Set-up of the ecosystem 	 Practical implementation of patient- mediated workflow for data portability Further development of the exchange format (e.g. care plans, telemonitoring) 	 In-servic Patient a MyHealt EEHRxF EUVAC 	
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		States in t	the eHN	rk by MyHealth@EU Solution Provid	ler	
			Implement	ntable specifications, other artefacts ntation in OpenNCP for MyHealth@EU by Member States in the eHMSEG		
Infrastructure, deployment			MyHealth@EU curre	ent and future services		
	Patient Summary and ePrescriptions/	Original Clinical Documents		Lab results, hospital discharge reports imaging		
	eDispensations				So	

Further actions

vice deployment of the EEHRxF access to health data using Ith@EU F support centre

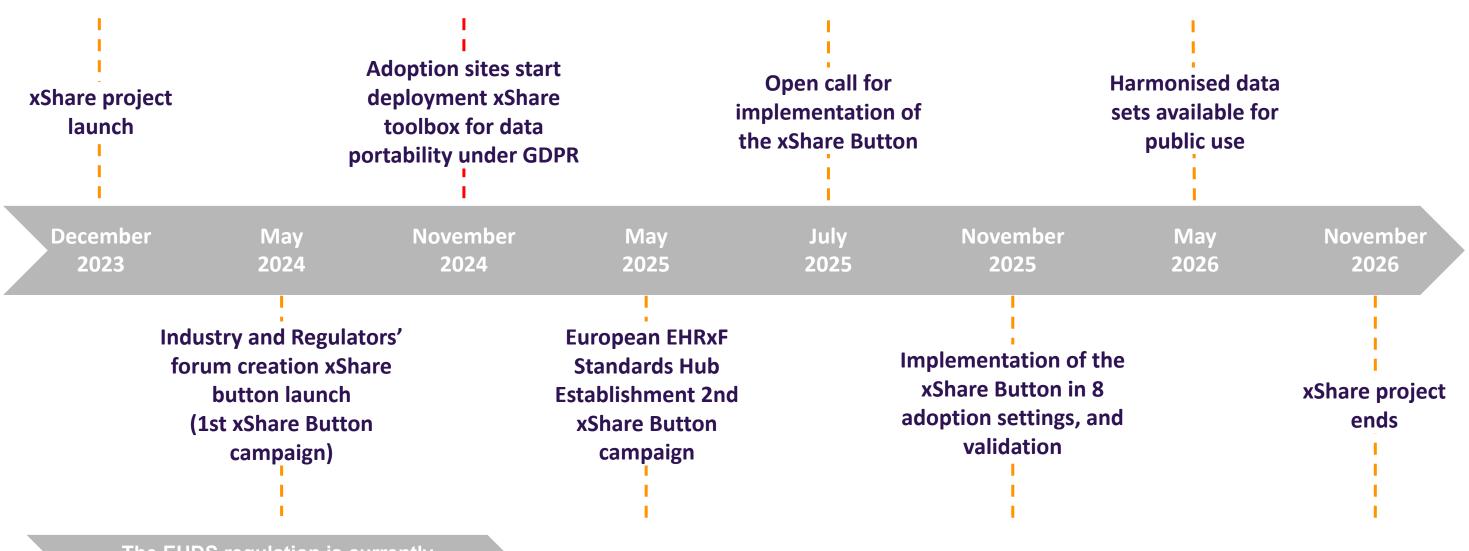




2024 - 2027

Further data



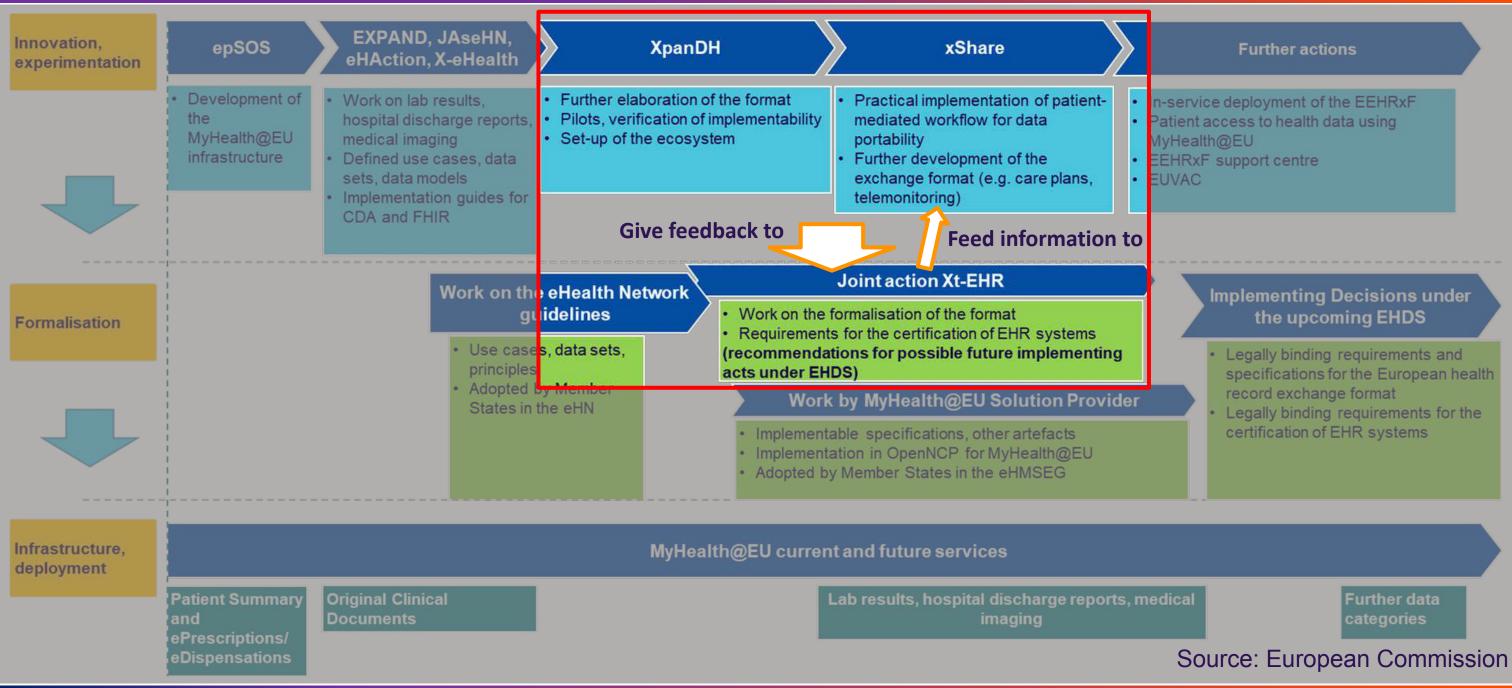


The EHDS regulation is currently undergoing negotiations in the European Parliament and Council





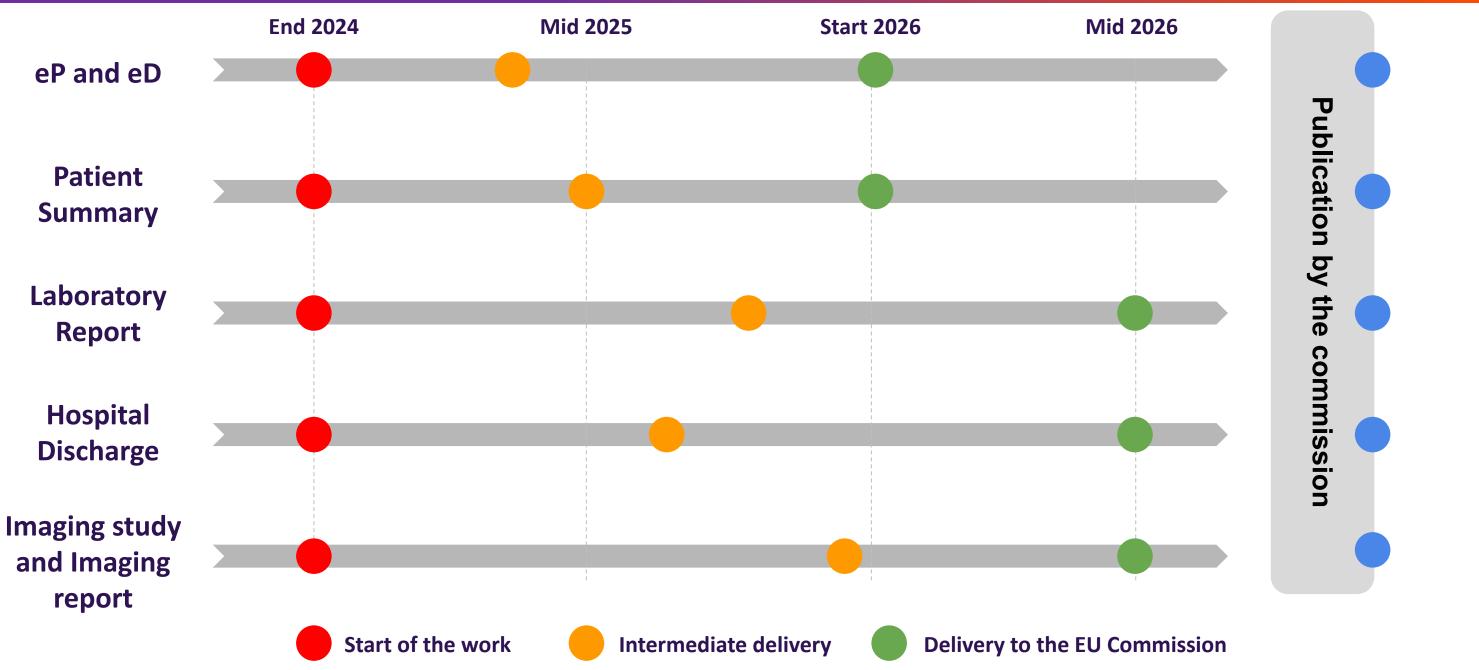
Project related to the EEHRxF



2023 - 2027



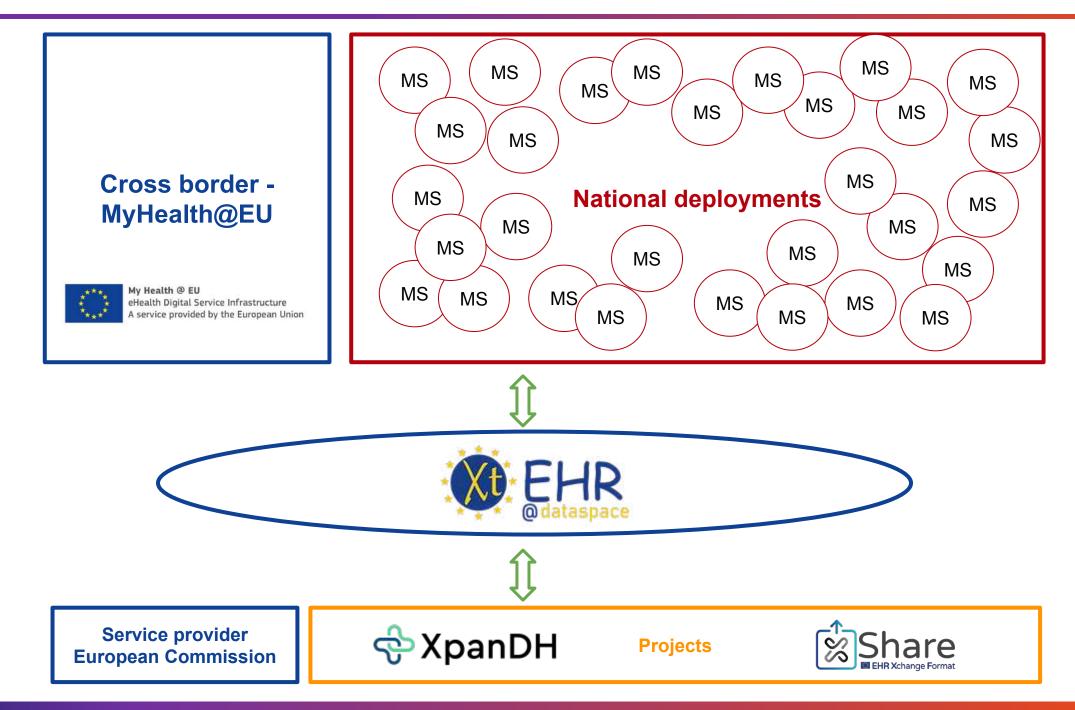
Xt-EHR planned timeline







Interactions with Xt-EHR



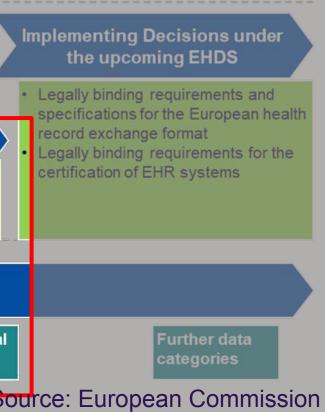


Project related to the EEHRxF

Innovation, experimentation	epSOS	EXPAND, JAseHN, eHAction, X-eHealth	XpanDH		xShare	$\boldsymbol{\boldsymbol{\succ}}$
	 Development of the MyHealth@EU infrastructure 	hospital discharge reports,	 Further elaboration of Pilots, verification of in Set-up of the ecosyste 	nplementability	 Practical implementation of patient- mediated workflow for data portability Further development of the exchange format (e.g. care plans, telemonitoring) 	 In-servic Patient a MyHealt EEHRxF EUVAC
		Work on the	eHealth Network		Joint action Xt-EHR	
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Infrastructure, deployment			MyHealt	n@EU curren	t and future services	
	Patient Summary and ePrescriptions/	Original Clinical Documents			ab results, hospital discharge repor imaging	ts, medical
	eDispensations					So

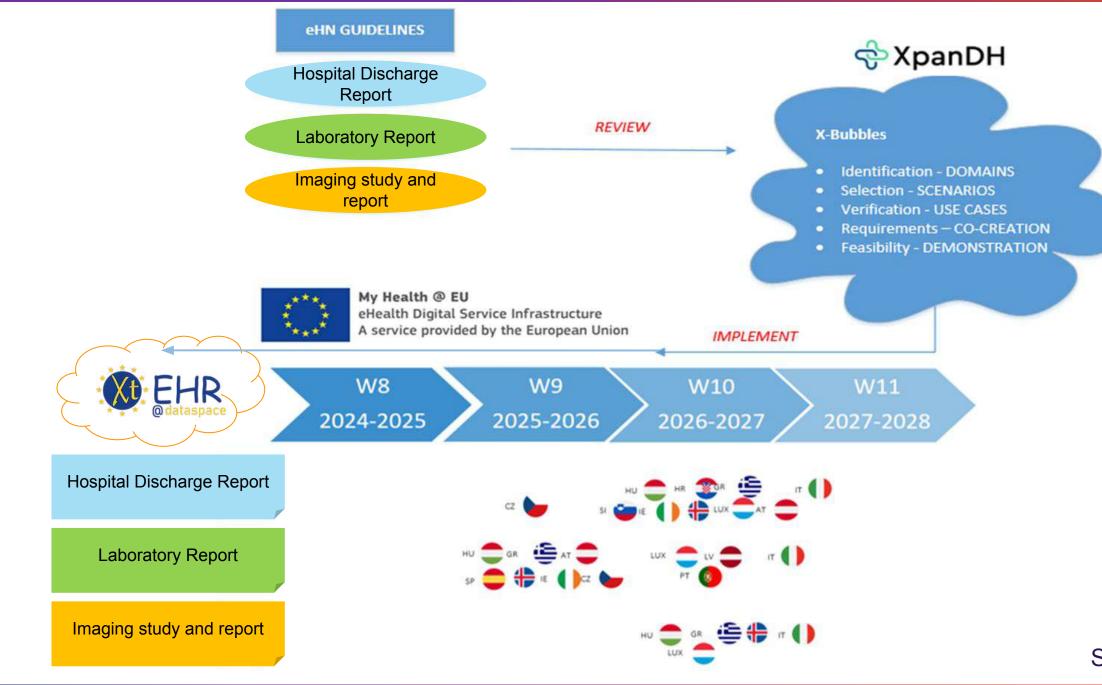
Further actions

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MyHealth@EU timeline







Source: MyHealth@EU

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Project related to the EEHRxF - Next steps

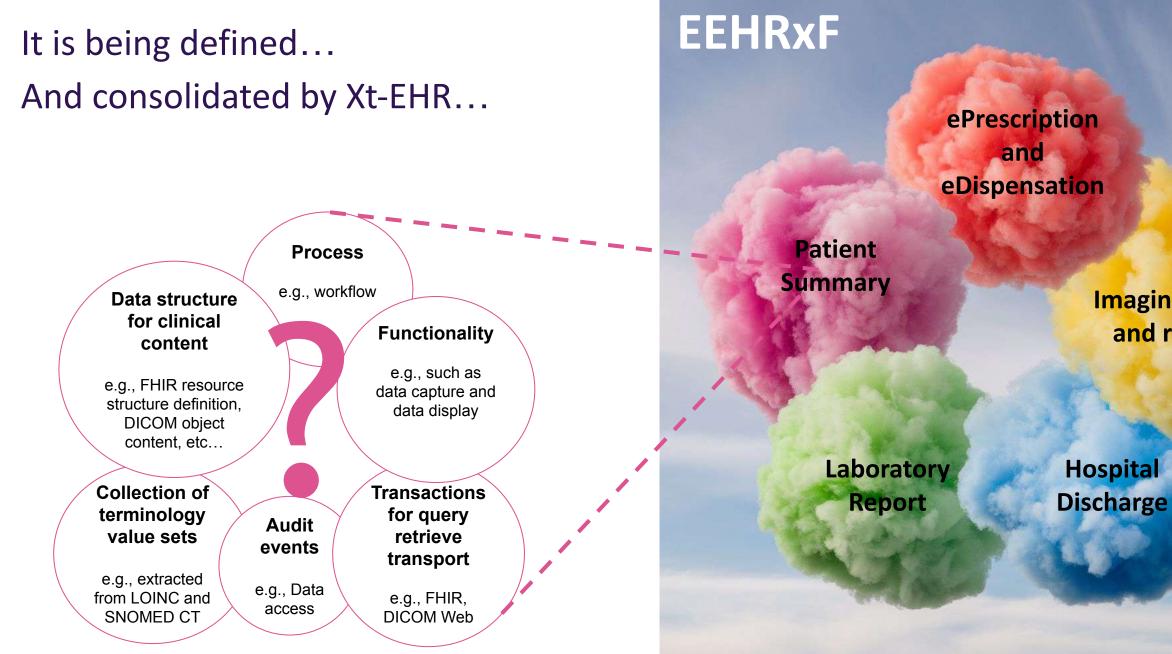
Innovation, experimentation	epSOS	EXPAND, JAseHN, eHAction, X-eHealth	XpanDH	xShare	
	 Development of the MyHealth@EU infrastructure 	hospital discharge reports, •	Further elaboration of the format Pilots, verification of implementability Set-up of the ecosystem	 Practical implementation of patient- mediated workflow for data portability Further development of the exchange format (e.g. care plans, telemonitoring) 	 In-service Patien MyHeat EEHR EUVAGE
		Work on the e	Health Network	Joint action Xt-EHR	7
Formalisation		• Use cases, principles	data sets, • Requirement (recommend acts under E	 Work on the formalisation of the format Requirements for the certification of EHR systems (recommendations for possible future implementination acts under EHDS) 	
		Adopted by States in the		rk by MyHealth@EU Solution Provide	r
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Infrastructure, deployment			MyHealth@EU curre	ent and future services	
	Patient Summary and ePrescriptions/	Original Clinical Documents		Lab results, hospital discharge reports imaging	medica
	eDispensations				S

Further actions

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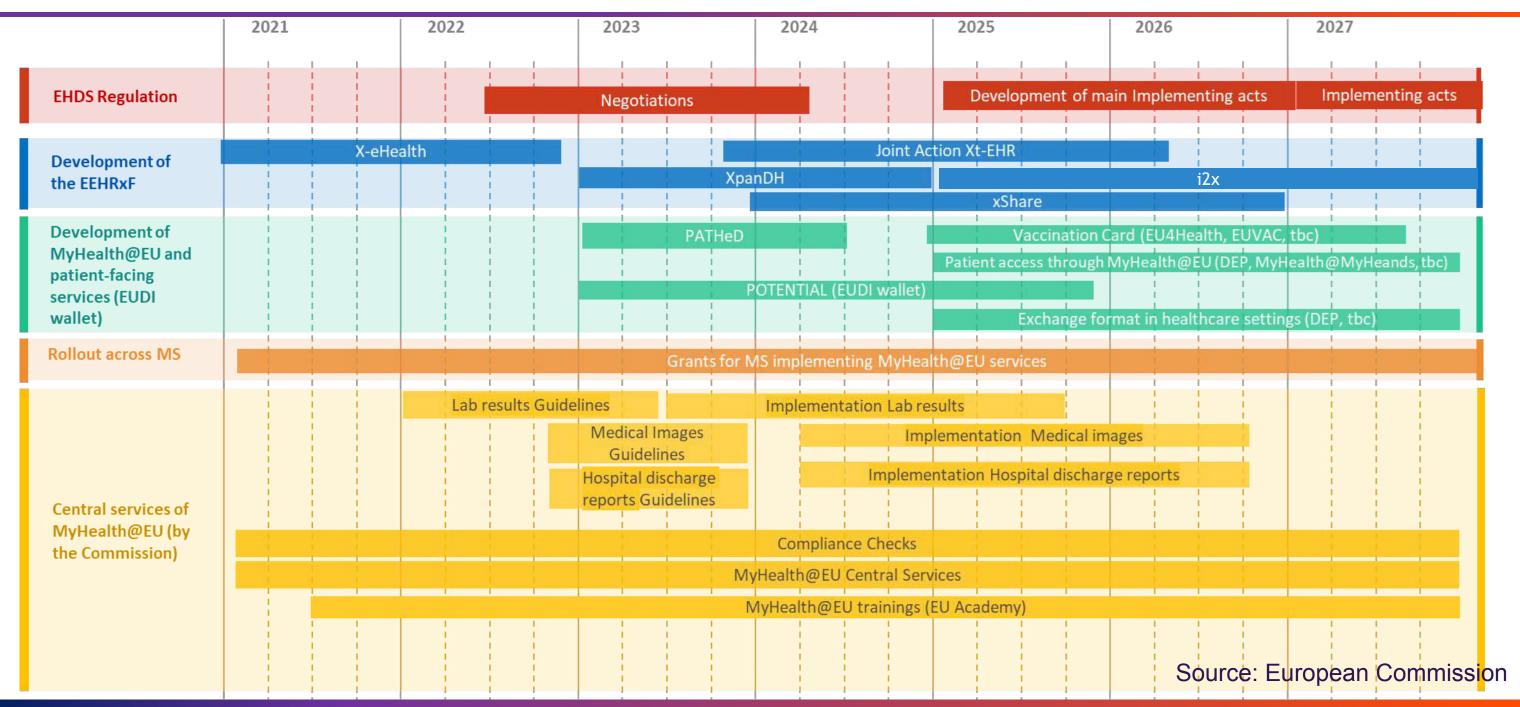




Imaging study and report



EHDS Timeline









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