



MyHealth @EU

The Irish story

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Role:

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Meet Alan from Ireland



Alan is a Business consultant.

An Irish citizen aged 65, he travels regularly for his work.

Alan exercises often and has a healthy lifestyle.

He has been diagnosed as a Type 2 diabetic.

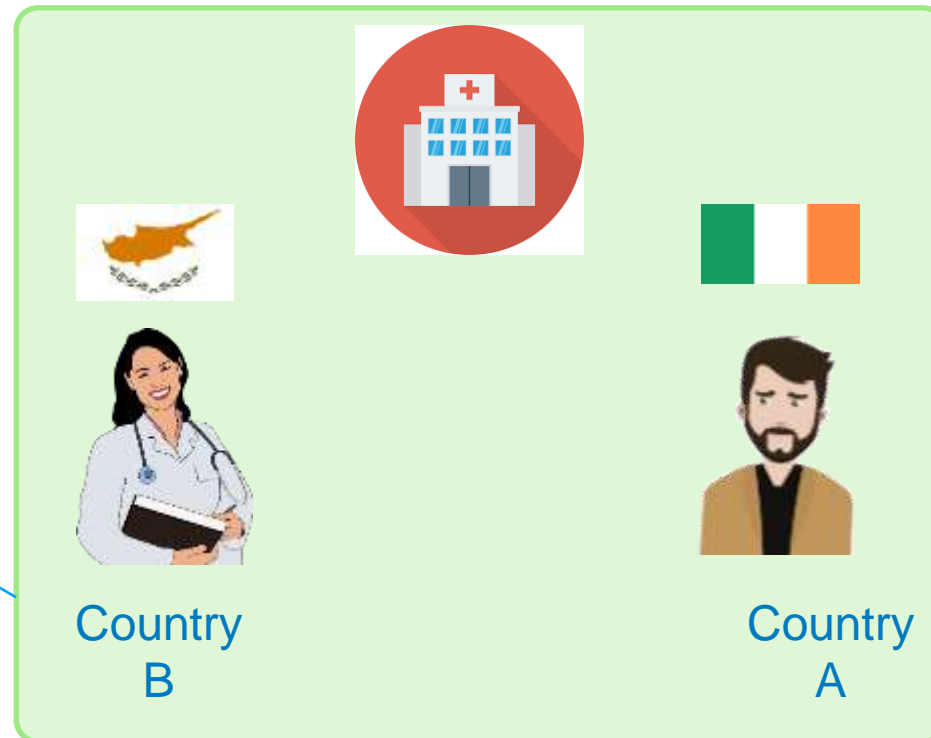


Imagine the Scenario



On the second day of a business trip to Cyprus, **Alan starts feeling shaky, light headed with chills and clammy skin. He recognises these as a sign of potential hypoglycaemia.** He has missed a few meals with his recent busy schedule and becomes concerned. **He presents to an Emergency Department. If only the healthcare professional could access Alan's relevant medical information in the healthcare professional's language.**

Country B is the country of treatment. Member state of treatment means the **territory healthcare is actually provided to the patient abroad.**



Country A is the country of affiliation and is the country that **holds information about the patient** and where the patient can be unequivocally identified and where their data may be accessed.

What is MyHealth@EU?



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



MyHealth@EU is an infrastructure ensuring the **continuity of care for European citizens** while they are **travelling abroad in the EU**. This gives EU countries the possibility to **exchange health data** in a secure, efficient and interoperable way.

What information is shared MyHealth@EU?

Exchange of

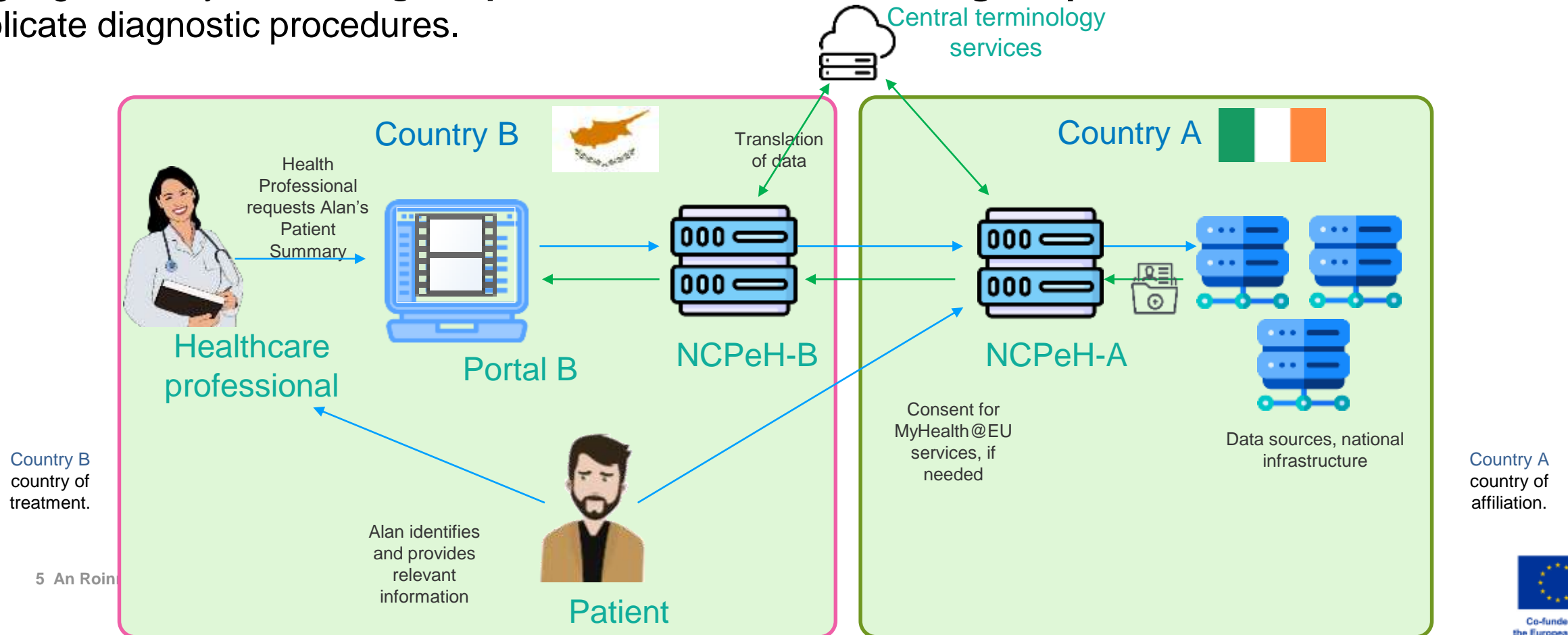
- ✓ Patient Summaries
- ✓ ePrescriptions / eDispensations
- ✓ Original Clinical Documents (OrCD) e.g. Scanned PDF

Current supporting MyHealth@EU infrastructure



The current MyHealth@EU infrastructure connects Member States National Contact Points for eHealth (NCPeH) giving **healthcare professionals access to the patient's data** via a Portal.

The Patient Summary is returned and displayed in the portal to the healthcare professional in their own language thereby **enhancing the patient's treatment. Reducing the potential for clinical errors** and duplicate diagnostic procedures.



Current supporting MyHealth@EU infrastructure in action

Here you can see how a **healthcare professional in Cyprus** can access Alan Sugar's healthcare data in real time.



The Patient Summary Gives the Healthcare professional access to:-

- ✓ Patient Demographics.
- ✓ Allergies
- ✓ A List of Current Medical Conditions
- ✓ A History of Medication
- ✓ Implanted Medical Devices
- ✓ Surgical History

Summary of patient history

▼ Patient

Prefix	Family Name	Given Name
	Sugar	Alan
Primary Patient Identifier	53930545000074414 1.2 372 980010.1.2	
Gender	Male	Date of Birth
		1957-01-09

▶ See details

Creation Date of the Document: 2021-02-01 | Last Update of the Information: 2021-02-01 | Original Document Language: English-UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

▼ Clinical Sections

Allergies and side effects

▼ Allergies

▶ Original ▶ Original narrative

▼ Translated

Reaction	Criticality	Allergy Status	Certainty
Prop	Low Risk		
Prop	High Risk		

Original narrative	Clinical Manifestation	Agent
	Urticaria	sitagliptin
	Stomach sickness	sitagliptin

▼ List of problems / diagnoses

▶ Original

▼ Translated coded

Active Problem	Onset Date
Type II diabetes mellitus (E11)	2009-06-18

Type II diabetes mellitus (E11) | 2009-06-18



Irish MyHealth@EU Work to date

The Irish approach is using the Digital Health [Use Case driven](#) approach to for pragmatic implementation of interoperability in eHealth



- Define the eHealth Use cases and their prioritisation to answer the eHealth strategy objectives of nation/region;
- From use cases to design the interoperability infrastructure and specifications based on IHE profiles
- To define the testing strategy and identify test plan and test methods (test cases, test tools and test data)
- To support Project teams to implement and/or procure required technology solutions for their eHealth Project (Telemedicine, national/regional EHR, replacement of product in hospitals...)





Irish MyHealth@EU Work to date



- **Defined and documented the MyHealth@EU use cases from an Irish perspective.** ✓
- **Deployed and configured an Irish National Contact Point for eHealth** which we have been **successfully exchanging** representative test **digital health data** with **20 Member States** (*Austria, Croatia, Cyprus, Czech Republic, Estonia, France, Finland, Greece, Germany, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Spain, Sweden, more connecting*) at the **EU hosted Test Events**. **Ireland and Cyprus** were the **first Member States to successfully** exchange the Original Clinical Document service. ✓
- Using **international standards**, we have created an **interoperable architecture**, specifications and **infrastructure** that can be **leveraged** not only for **sharing patient data** across the **EU** but within our **own domestic settings**. ✓
- We have **created the interoperability test plans and test tools** to allow hosting of **Projectathons** (interoperability test events) whereby **systems and vendors** can prove **conformance** with **Irish interoperability specifications** and relevant **digital health standards**. ✓



Irish MyHealth@EU Work Ongoing









- Ireland is undergoing **Compliance Check (audit)** by the EU to **Go Live** with **Patient Summary B** service i.e. **Healthcare professionals in Ireland** will be able to **access** consenting EU citizens **Patient Summary** information in need of **urgent healthcare in Ireland**
- The **Irish MyHealth@EU team** are **working with** the national **Shared Care Record** and **ePrescribing/ePharmacy** projects to **align, leverage, integrate** and **enable** our **Irish MyHealth@EU obligations** and the additional services.
- **Ireland is participating** in the **pioneering MyHealth@EU Patient Access to their Healthcare (PATHeD) pilot**, whereby **citizens can present their own Patient Summary** (via app/portal) which will be translated into **the treating EU Healthcare Professionals language**.
- **Working towards** the additional **future EU EHR** use cases coming down the tracks.



MyHealth@EU Roadmap

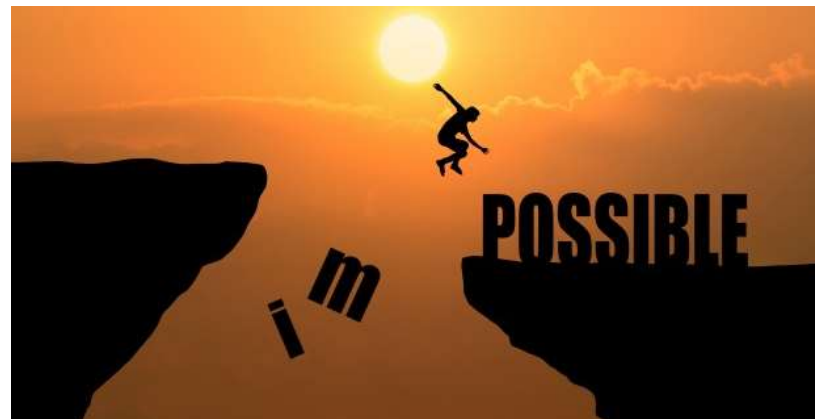


Challenges to overcome!

- Different level of **data quality** in MS. 
- Introduction of new **international standards** to the **national level**. 
- Necessary **legal/organizational** required **changes**. 
- **Explaining the benefits** to the **stakeholders** – politicians, decisionmakers, healthcare professionals, patients, IT experts. 
- **Insufficient human resources/capacities** on the side of implementing teams. 
- **Successful completion** of all **prerequisites** to “go live“ with a cross-border service.....and stay alive. 



But it can be done.....

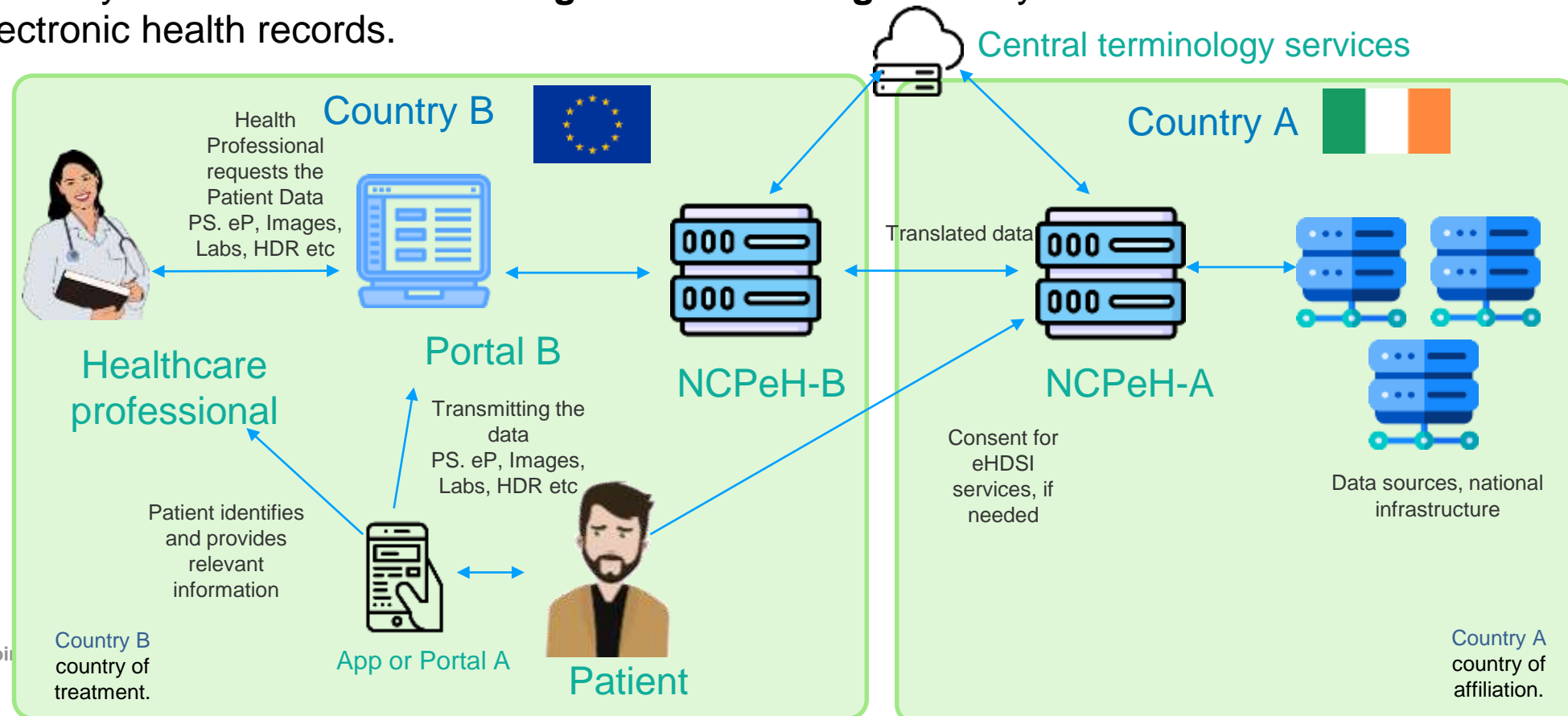


The future

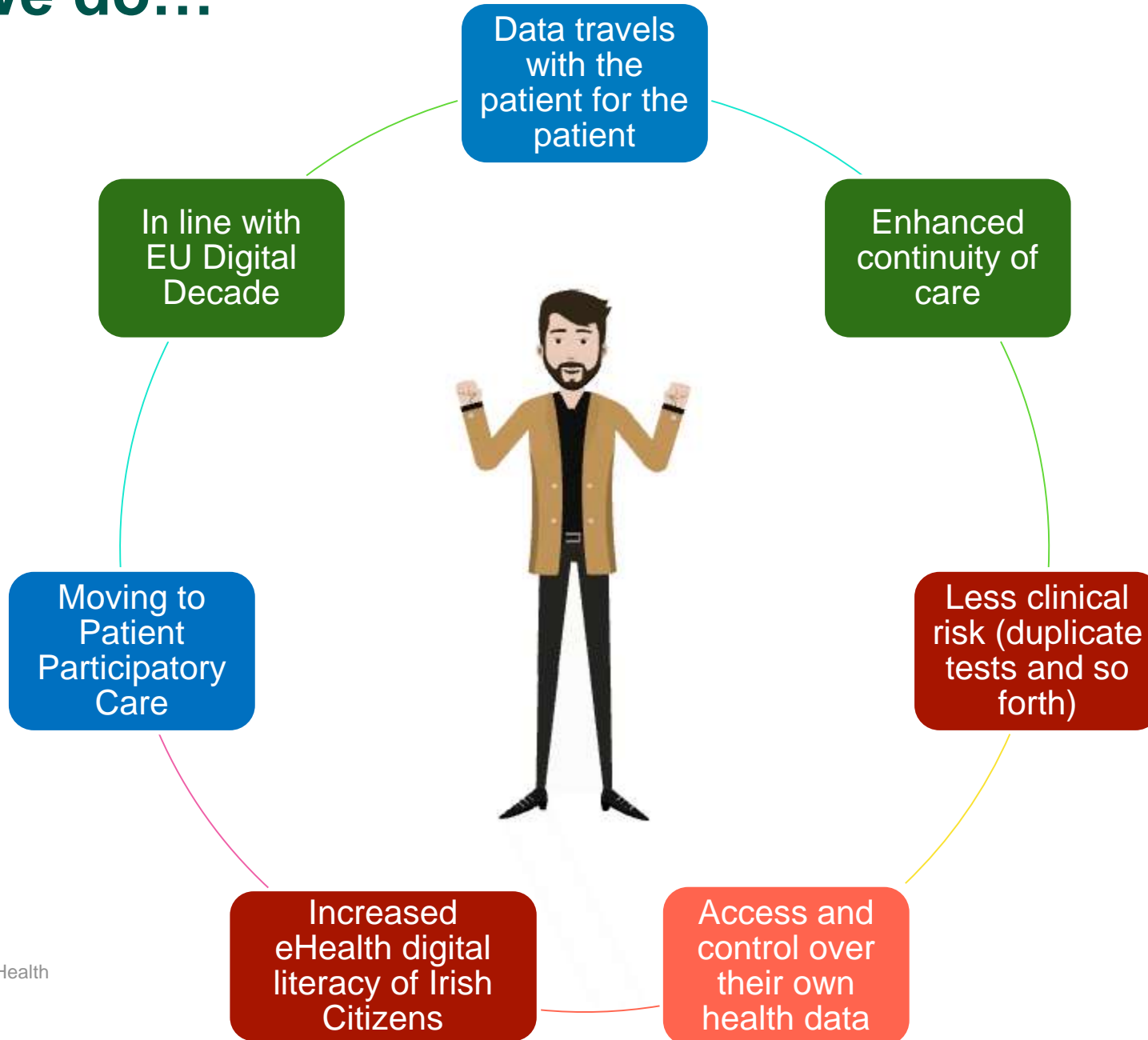


Driving Ireland forward by delivering these services we can...

- ✓ **Support Irish and EU Healthcare Professionals** with **access to clinical data** enhancing the **continuity of care.**
- ✓ **Empower Irish citizens to access their own healthcare data** via portals and mobile applications. **Continue this work with the European Commission and the other pioneering Member States**
- ✓ **All of this work is aligned with Sláintecare, HIQA's recommendation** how to reform Ireland's health information system and also **the EU Digital Decade target** that by 2030 all EU citizens will have access to their electronic health records.



And when we do...





Thank you / Go raibh maith agat!

If you have more questions please reach out

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