

# MyHealth@EU The Irish story

Presenter:

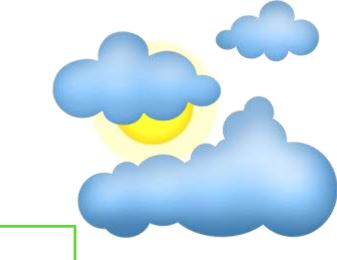
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#### Role:

Digital Health Specialist Assistant Principal eHealth Unit DOH Current MyHealth@EU eHealth Member State Expert Group Chair

Better Together for Digital Healthcare Conference 1st Dec 2023

#### **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?





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

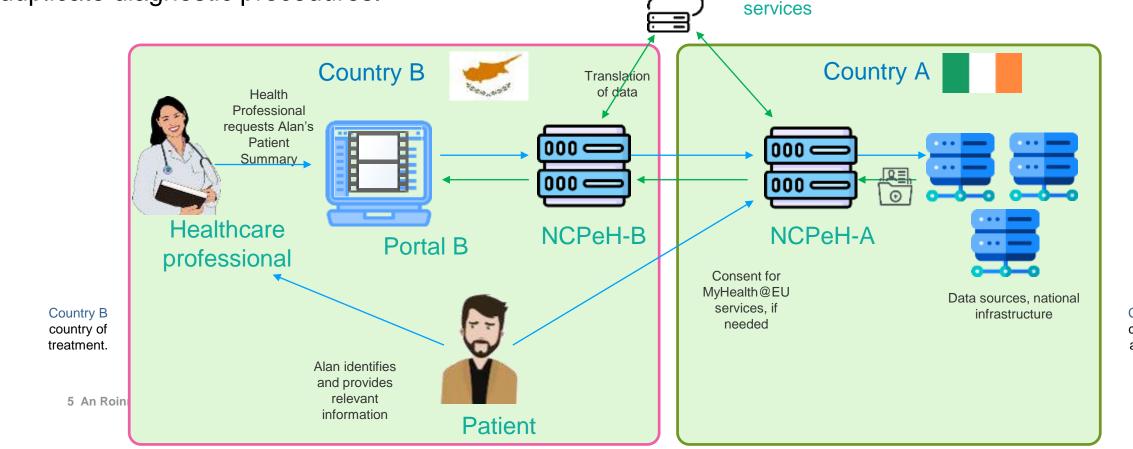


## **Current supporting MyHealth@EU infrastructure**

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.



Country A country of affiliation.



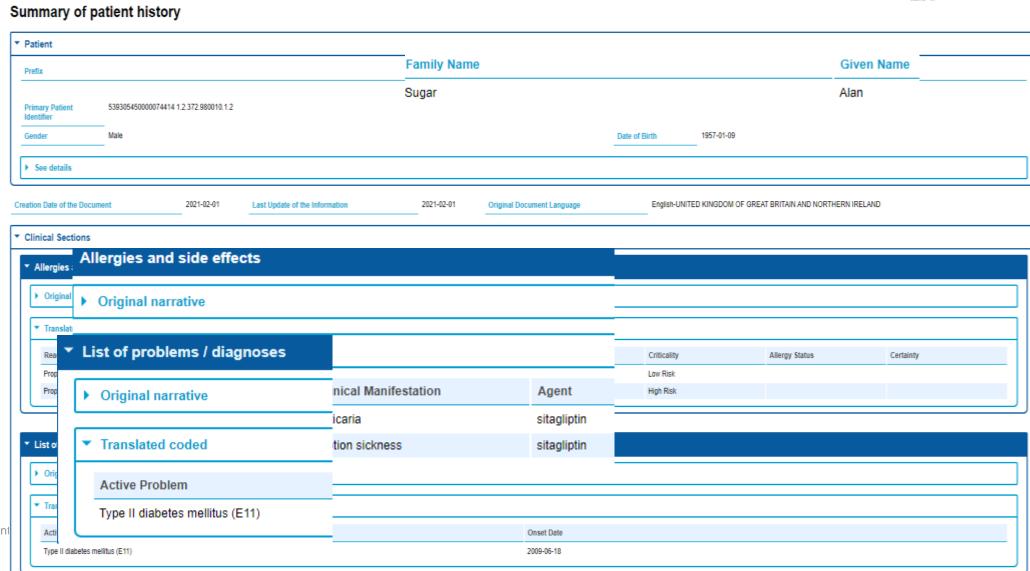
## Current supporting MyHealth@EU infrastructure in action

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



6 An Roinn Sláinte | Department



## Irish MyHealth@EU Work to date

The Irish approach is using the Digital Health <u>Use Case driven</u> 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, Lithunia, 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.



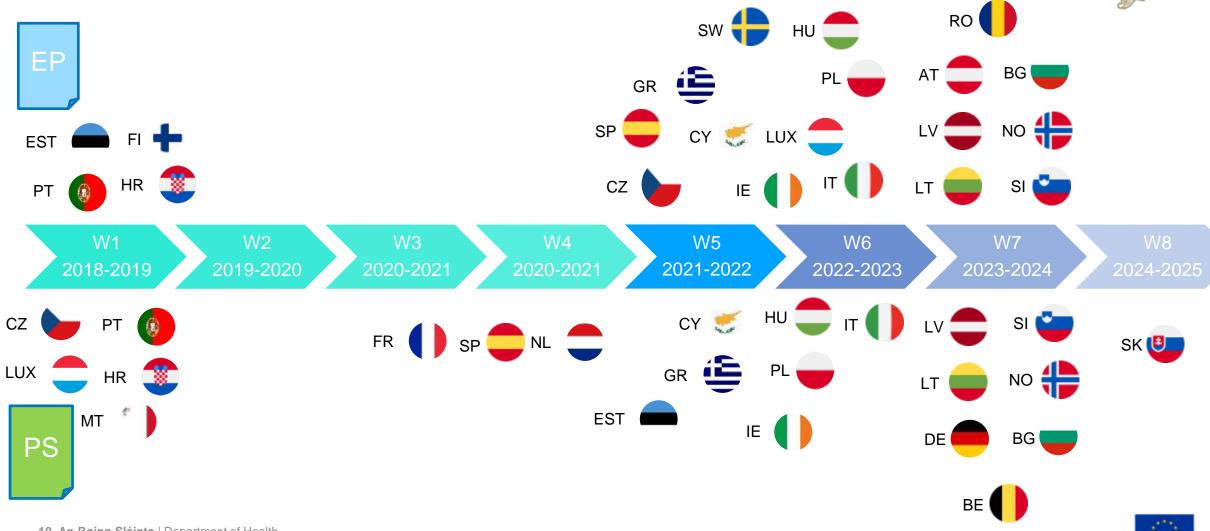


# MyHealth@EU Roadmap





the European Union



# 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.



Sucessful completion of all prerequisites to "go live" with a cross-border service....and stay alive.



But it can be done.....





## **EU Electronic Record Exchange Format**

#### COMMISSION RECOMMENDATION

of 6.2.2019

on a European Electronic Health Record exchange format

(Text with EEA relevance)

#### THE EUROPEAN COMMISSION.

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 292 thereof,

#### Whenta

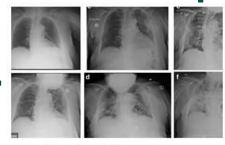
- (1) Citizens have the right to access their personal data, including their health data as provided for by Regulation (EU) 2016/679 of the European Parliament and of the Council<sup>1</sup>, which lays down the conditions for lawful processing of personal data, including data concerning health, as defined therein<sup>2</sup> (health data). However most citizens cannot yet access (nor securely share) their health data across borders.
- 2) The ability of citizens and healthcare providers to securely access and share electronic health records ("EHR'4), that is to say collections of longitudinal medical records or similar documentation of an individual, in digital form, within and across bonlers has a number of benefit: an improvement in the quality of care for citizens, reduction in the cost of health care to booseloids, and it supports the modernisation of health.

- The Commission Recommendation on a European Electronic Health Record exchange format of 6 February 2019 sets out a framework for the development of a European electronic health record exchange format in order to achieve secure, interoperable, cross-border access to, and exchange of, electronic health data in the Union.
- Formed the basis for the currently deliberated European Health Data Space.



#### What does this mean for the healthcare professional?

#### They will be able to access...



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#### The future

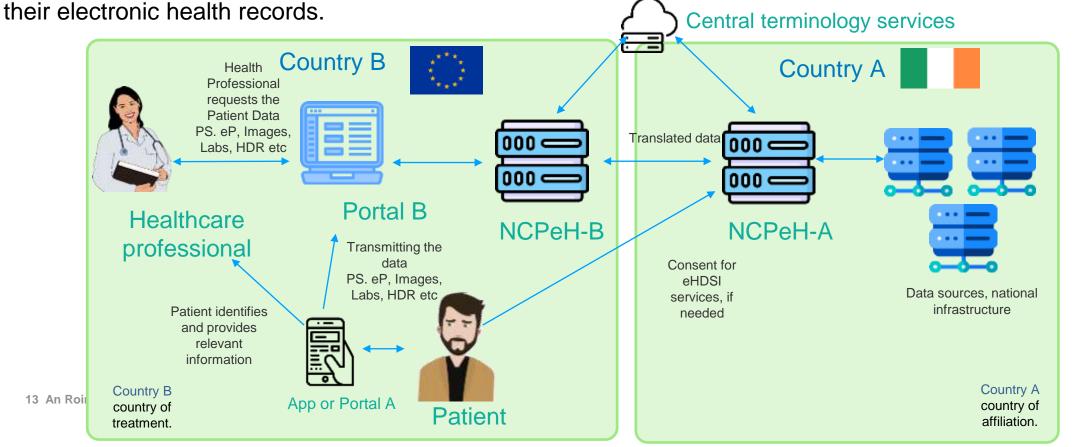
#### Driving Ireland forward by delivering these services we can...

✓ 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





#### And when we do...

Data travels with the patient for the patient

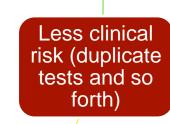


In line with **EU** Digital Decade



Enhanced continuity of care

Moving to Patient Participatory Care



Increased eHealth digital Citizens

Access and control over their own health data

literacy of Irish



# Thank you / Go raibh maith agat!

# If you have more questions please reach out

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