

EUROPEAN HEALTH DATA SPACE

What is the European Health Data Space?

Understanding the EHDS in practice.



THE GOVERNMENT
OF THE GRAND DUCHY OF LUXEMBOURG
Ministry for Digitalisation

Government commission for data sovereignty

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Scope

Key elements

01

What is the EHDS

Its purpose, and the EU regulation behind it.

02

Goal 1: Patient access and control

Your rights over your own health data, through MyHealth@EU.

03

Goal 2: Secure re-use for the public good

Authorised re-use of health data, through HealthData@EU.

PART ONE

What is the EHDS?

An EU regulation for secure, seamless and connected health data exchange across Europe.

01

Healthcare doesn't stop at the border

More people travel, work and study abroad, and may need healthcare services away from home, from routine care to urgent treatment.

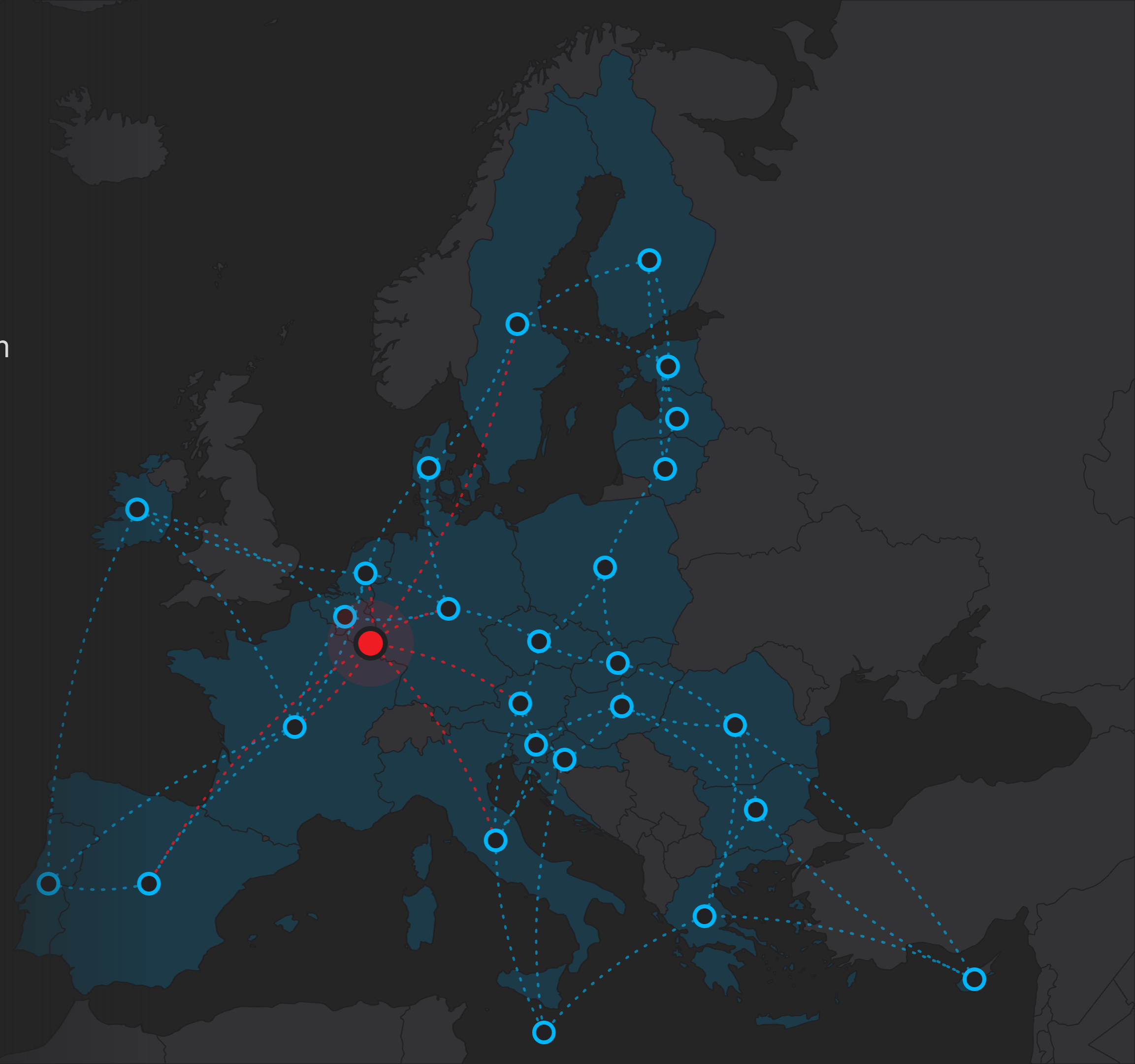
Travel

Work

Study

EU REGULATION Adopted March 2025

Making health data exchange across Europe secure, seamless and connected.



The EHDS has two main goals

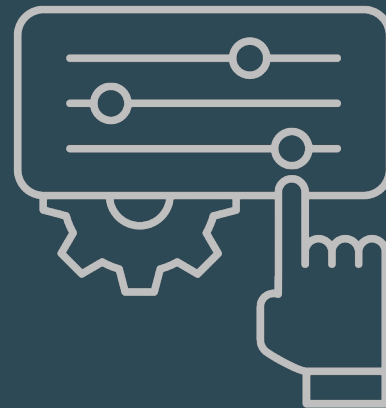
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GOAL 1

Patient access and control

Ensuring citizens' rights over their own electronic health data, including when they need healthcare abroad.

MyHealth@EU



2

GOAL 2

Secure re-use for the public good

Re-using health data safely, only for approved purposes, such as scientific research or policymaking.

HealthData@EU



PART TWO · EHDS GOAL 1

Patient access and control

Citizens' rights over their own electronic health data,
through MyHealth@EU.



02

Healthcare abroad, with your agreement

A medical team that doesn't know you yet can access your essential health information, with your agreement.

Emergency

Outside usual care

MyHealth@EU is the EU service for secure cross-border exchange of health data.



Your electronic health data

Who can access it

Doctor A · request from abroad



Doctor B · request from abroad



Doctor C



ONLY APPROVED REQUESTS PROCEED

Essential health information shared, so you can receive treatment quickly and safely.

PART THREE · EHDS GOAL 2

Secure re-use for the public good

Secondary use, through HealthData@EU.



03

What secondary use means

Re-using electronic health data safely, in a protected way, and only for the public good.

STARTS AS

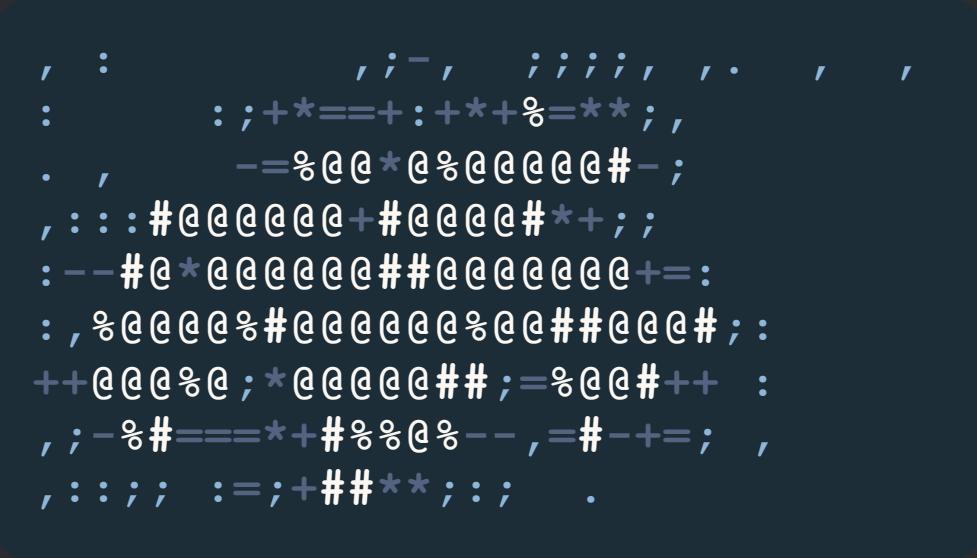


Electronic health data

Created for health, healthcare and care



PREPARED FOR REUSE



De-identified dataset

Identifying details are removed or hidden.

Pseudonymised

Anonymised



ANALYSED BY



Authorised researchers

Across borders, only for approved purposes.

HEALTHDATA@EU The EU cross-border infrastructure for authorised secondary use.

Strict safeguards make secondary use secure

In Luxembourg, applications are assessed by the Government Commission for Data Sovereignty (CGSD), which is the Luxembourg Health Data Access Body.

01

Projects assessed by the CGSD

Authorisation only if all requirements for re-use are met.

02

Data pseudonymised or anonymised

Direct identifiers are masked before use and strict safeguards are applied.

03

Analysis in Secure Processing Environment

Re-users work only inside the SPE.
The data never leaves.

04

Only anonymous results can be exported

Non-anonymous outputs are blocked.

SUPERVISION All under the CGSD's supervision.

No single European database

1

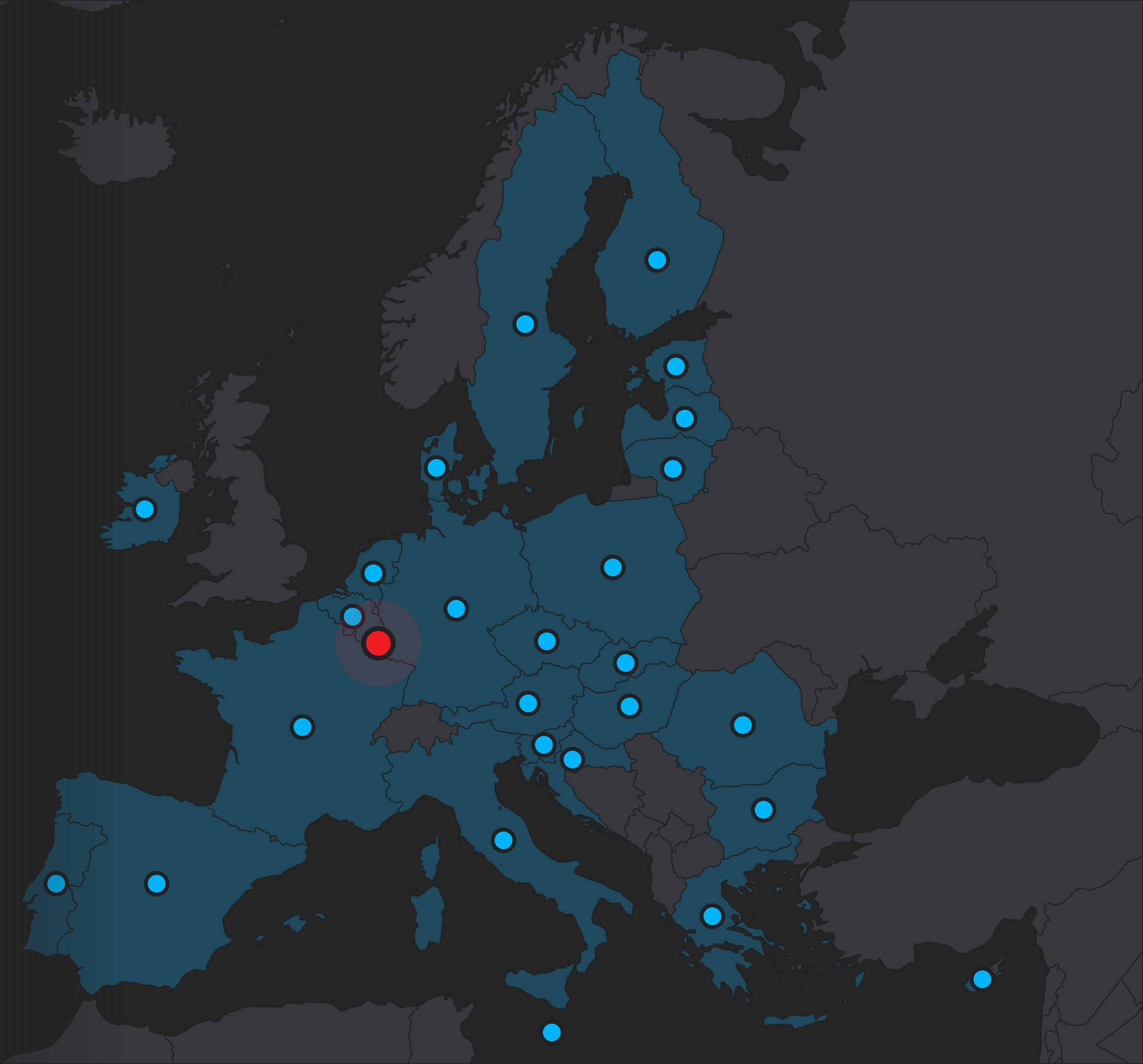
Each country keeps its records

Securely, within its own borders.

2

Secure, authorised exchange

Data crosses borders only when needed.



Two goals, one ecosystem

Together, they build a more connected, efficient and trustworthy European health-data ecosystem.



Questions?

Related training on the EHDS:

What secondary use makes possible

What is the HDAB?

Discovering datasets

What is an SPE?

Health data holder obligations



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