

Developing a data quality and utility label for HealthData@EU

European Health Data Space (EHDS) for secondary use

What is QUANTUM goal?

- QUANTUM is an EU-funded project (2024-2026) that aims to **create a common label system** for Europe that guarantees the quality and utility of datasets for scientific and health innovation purposes.
- This label system will enable researchers, policymakers, and healthcare professionals to **identify high-quality data for research and decision making**.

Learn more here



QUANTUM & the secondary use of health data (HealthData@EU)

QUANTUM will address [Article 56 of the European Health Data Space \(EHDS\)](#) regulation proposal, which mandates labelling health datasets to show their **quality and usefulness for secondary use of health data**.

What is **HealthData@EU**?

It is the pilot infrastructure for the secondary use of health data in the European Health Data Space (EHDS), which will provide a system for reusing health data for **research, innovation, policy-making, and regulatory activities**.

Who will benefit from QUANTUM?


Data holders


Data users


Health Data Access Bodies (HDABs)


European commission


Related projects and HealthData@EU building initiatives


General public (citizens/patients)


Primary collectors of health data (data producers)



What is QUANTUM doing?



Create a common concept for the label

Reach consensus on: datasets quality and utility; level of data holders maturity



Piloting and implementation

Design, develop, and test the label system with data holders



Recommendations for HealthData@EU

Translate QUANTUM label system results into sustainable recommendations



Capacity building and engagement

Develop a learning program and set up a long lasting data quality community of practice



Who is involved?

35 partners from 15 countries



SPAIN
IACS; Universitat Politècnica de Valencia

AUSTRIA
GöG; BBMRI

BELGIUM
i-HD; DIGITALEUROPE; EUHA; VIB; Sciensano

CROATIA
CIPH

FINLAND
HUS; THL

FRANCE
Health Data Hub; Hopices Lyon (AE); Hosp Toulouse (AE); CHU Bordeaux (AE); INSERM (AP); APHP; ECRIN

GERMANY
BFarm; GGMBH

GREECE
EKKE (AE)

IRELAND
HIQA

ITALY
UCSC; ISS

NORWAY
CESSDA; e-HELSE;

PORTUGAL
SPMS; U.Porto

SLOVENIA
NIJZ

THE NETHERLANDS
Health-RI; KNAW (AE); Erasmus MC

UNITED KINGDOM
HDR UK (AP); U.ESSEX (AP)

AFFILIATED ENTITY (AP); ASSOCIATED PARTNER (AE)



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