

Keywords:

#health, #data, #standardisation,
#interoperability, #AI, #healthinformatics,
#HL7FHIR, #EHDS



IDERHA and the Health Cluster – Advancing Health Data Standardisation

The project standardisation needs

The **IDERHA project**, in collaboration with **ASCAPE, iHELP, Bigpicture, EUCAIM, and HealthData@EU**, formed a health project cluster to address shared standardisation challenges in health data. The cluster focused on harmonising data models, ontologies, and terminologies using key health standards such as HL7 FHIR, DICOM, OMOP, and ISO TC 215 Health Informatics. Their goal was to ensure interoperability and seamless data sharing across borders, particularly for cancer-related use cases.

These efforts culminated in the publication of the paper “Synergies Among Health Data Projects with Cancer Use Cases Based on Health Standards” at the MIE 2024 conference. Additionally, the cluster is working on a European Health Data Space (EHDS) interoperability framework, aiming to facilitate cohesive data exchange and alignment with EU health policies.



THE HSBOOSTER.EU EXPERT

Amélie Gyrard

Research and Innovation Consultant at Trialog

“HSBooster.eu provided a networking opportunity among European Health Data Projects working on cancer use cases, focusing on health standards to enhance semantic interoperability. Our amazing collaboration led to scientific publications.”



PROJECT REPRESENTATIVE

Rada Hussein

Health Informatics Expert, Principal Investigator
at Ludwig Boltzmann Institute for Digital Health and
Prevention

“With the HSbooster support, the IDERHA team explored the existing semantic standards and future AI standards shaping EHDS. Collaboratively, we consolidated the lessons learned into the EHDS2 interoperability framework toolkit to share the cluster expertise with future projects.”

The HSbooster.eu Consultancy service

HSbooster.eu provided critical support to the IDERHA project and the health cluster through:

- One-to-One Consultancy: Tailored guidance to assess standardisation readiness and align with health data standards.
- Collaboration Enablement: Facilitating the formation of the health cluster to pool expertise and create synergies.
- Deep-Dive Workshop: Participation in HSbooster webinars on AI standardisation, to disseminate the cluster's findings and engage stakeholders.
- Development of the EHDS Interoperability Framework: Supporting the creation of the European Health Data Space (EHDS) interoperability framework

These activities empowered the cluster to develop a joint standardisation strategy, produce impactful publications, and advance the EHDS interoperability framework, demonstrating the value of collaborative approaches in health data standardisation.