

HealthyCloud: Health Research & Innovation Cloud

Description

The creation of a European Health Data Space is one of the six strategic priorities for the newly elected European Commission. The European Health Research and Innovation Cloud (HRIC) will be one of the future cornerstone pieces for this area. HealthyCloud will deliver a Strategic Agenda including a Ready-to-implement Roadmap for the HRIC ecosystem. The Strategic Agenda will incorporate the consolidated feedback of a broad range of stakeholders: the European Commission, the Member States and regional, national, European and international relevant initiatives. These agents will be invited to be part of the HealthyCloud Stakeholder Forum, designed to facilitate the dialogue among them and the Consortium, and to act as an umbrella to bring together similar efforts in specific domains.

HealthyCloud has been organized around four fundamental objectives that cover:

- 1) interactions with stakeholders to ensure their voices are included as part of the Strategic Agenda;
- 2) the inclusion of Ethical, Legal and Societal aspects in the design of the future HRIC ecosystem;
- 3) the sustainable access, use and re-use of health-related data considering a progressive adoption of the FAIR principles; and
- 4) the technological solutions in terms of computational facilities and mechanisms to enable distributed health data analysis across Europe.

The project is driven by two real-world use-cases (Cancer and Atrial Fibrillation) to ensure that propositions by domain-specific and technological experts are technically and ethically sound and legally compliant. The ultimate goal is to propose an ecosystem that builds and reinforces the trust of patients and citizens in the use of their health data for research.

HealthyCloud is a 30-month project that brings together 21 organizations with broad and yet complementary expertise, including 5 Research Infrastructures (ELIXIR, ECRIN, EATRIS, BBMRI and Euro-BioImaging) and 3 Joint Actions (InfAct, iPAAC and eHAction) related to health research.

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