

PRESS RELEASE

Paris, 24 October 2024

30 European players join forces to form a "European space for AI in healthcare"

The Health Data Hub (HDH) and its consortium have won a European call for projects with the SHAIPEd project, aimed at developing artificial intelligence (AI) solutions for medical devices. With a total budget of €4 million, this selection is the 10th of the HDH for European calls for projects, confirming its commitment to the development of digital health in Europe.

With the adoption of the regulation for a European Health Data Space - EHDS - due at the end of 2024, the SHAIPEd consortium is a concrete expression of the European Commission's ambition to foster a network of dynamic players to exploit data on a European scale while complying with the highest standards of data protection.

With 30 partners from 11 Member States, the SHAIPEd consortium is the largest to date to include the future Health Data access Bodies of the EHDS. This project is a continuation of the pilot project for the EHDS, which was entrusted to the HDH by the European Commission and which aims to build a European infrastructure for the secondary use of health data.

Meeting the challenges of AI in healthcare in Europe

In the age of artificial intelligence, a major challenge for medical devices (MDs) is access to real world data to train, test and validate these tools. Integrating these devices into healthcare information systems (HIS) and proving their clinical effectiveness are also major challenges. The SHAIPEd consortium is addressing these issues through several working groups, seeking to :

- Facilitating access to health data for AI-based medical devices,
- Validate the clinical effectiveness of these devices on a large scale,
- Integrating medical devices into European healthcare systems.

Three use cases will provide a framework for testing and validating the solutions developed by the consortium. These examples show the potential of AI to improve patient care and boost the efficiency of European healthcare systems.

- The first use case will focus on chronic kidney disease. Led by Aarhus University Hospital (Denmark), this project will explore the ability of existing AI models to adapt to cohorts of data from several European countries.
- The second will focus on the detection of metastases. In collaboration with the Centre Léon Bérard and the Health Data Hub (France), this use case will analyse cohorts of patients to assess the performance of AI in detecting lung metastases and mammograms.

- Finally, the third will focus on the prevention of heart failure. Led by Implicity (France), this last use case will evaluate AI software for preventing Heart failure hospitalizations in patients with Cardiac Implantable electronic devices (CIED).

Meeting Europe's strategic challenges

By facilitating the integration of medical devices into healthcare information systems, the SHAIPEP project not only contributes to improving the quality of care, but also to the competitiveness of European companies. In a context of increasing international competition, AI innovations are essential to maintain Europe's leading position in the healthcare sector.

SHAIPEP will begin in 2025, with the first results expected in autumn of the same year.

ABOUT THE HEALTH DATA HUB



The Health Data Hub is a public interest group created by the Law of 24 July 2019 on the organisation and transformation of the healthcare system. It brings together 56 stakeholders, the vast majority from the public authorities (CNAM, CNRS, France Assos Santé...) and implements the major strategic guidelines relating to the National Health Data System set by the State and in particular the Ministry of Solidarity and Health. It is a service aimed at the healthcare ecosystem, the players behind data collection, general interest project sponsors and civil society. As such, it promotes innovation in healthcare and accessibility to data and knowledge through, among other things, unifying events such as the organisation of data challenges and calls for projects.

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