Support for Health Data Access Bodies to foster efficient pathways for AI in healthcare

DIGITAL-2024-CLOUD-DATA-06-HEALTHCARE-AI

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Indicative budget: EUR 4 million (CSA, 100% funding), 1 project will be funded

Indicative call identifier: DIGITAL-2024-CLOUD-DATA-06-HEALTHCARE-AI

Indicative duration of the action: 36 months

Objective

- *to strengthen the role and capabilities of Health Data Access Bodies (HDABs) in streamlining the testing and deployment pathways for healthcare AI solutions*

- *to reduce time-to-market and foster the development of new AI-based healthcare products and services that significantly improve patient safety and wellbeing, while preserving privacy and security*

- *this action is relevant to the implementation of the EHDS, implementation of the Artificial Intelligence Act (AIA), which establishes an overarching framework for trustworthy AI, including in healthcare (e.g. medical devices) and should be seen as a part of the wider AI ecosystem in health, such as Testing and Experimentation Facilities (TEFs) for AI and European Digital Innovation Hubs (EDIHs)*

Scope

a) **Identifying current pathways for the development, testing and deployment of AI in health, and limitations, bottlenecks and gaps**

b) **Designing more effective pathways** by leveraging EHDS and HDABs, and possibly Testing and Experimentation Facilities (TEFs) and European Digital Innovation Hubs (EDIHs)

c) **Creating and** implementing **the necessary capabilities** at the level of the HDABs

d) **Testing and showcasing** these pathways

e) Providing **guidelines and recommendations** for improving these pathway

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Outcomes & Deliverables

- *Report* on the identified pathways for testing and deployment of AI in health and their limitations and gaps in the current landscape;

- *Description of pathways* based on health data access bodies' services and other key actors such as TEFs and EDIHs, where relevant, in light of the EHDS and the AI Act;

- *Guidelines* for creating and deploying the necessary capabilities for HDABs to support the development, testing and deployment pathways for AI in healthcare;

- *Reports* on the tests and showcases conducted;

- *Recommendations* for the implementing of development, testing and deployment pathways of AI in health based on the opportunities offered by the EHDS and the requirements of the AI Act.

Targeted stakeholders

- *health data access bodies, public sector bodies and Member States' authorities*
- *academia*
- *healthcare providers*
- *private entities such as health technology SMEs and start-ups*

*In addition to the eligibility criteria on **consortium composition: minimum 6 independent applicants (beneficiaries; not affiliated entities) from 3 different eligible countries,** the consortium is highly encouraged to include at least 3 Health Data Access Bodies from 3 different eligible countries, and 3 companies/institutes/developers/innovators developing AI solutions from 3 different eligible countries.*

KPIs to measure outcomes and deliverables

- ***Number of Health Data Access Bodies** (HDABs) offering operationalised pathways for testing and deployment of AI in health [at least 3 HDABs in 3 different MS by the end of the project]*
- ***Number of tests and showcases conducted** of pathways for testing and deployment of AI in health [at least 1 test/showcase for HDAB by the end of the project]*
- ***Number of data access applications related to AI processed by HDABs** [at least 2 applications per pathway by the end of the project]*
- ***Number of HDABs engaged in implementing the pathways for testing and deployment of AI in health** [at least 10 HDABs by the end of the project]*

- Clarifications

    - *In the context of this call, Health Data Access Bodies (HDAB) should be interpreted as referring to a public authority that possesses a mandate comparable to the one proposed for HDABs in the EHDS Regulation. This includes, but is not limited to, responsibilities such as facilitating the access to health data for secondary use purposes.*

Thank you!