

PROJECT

AI Sym4MED

Synthetic and scalable data platform for medical empowered AI

AI Sym4Med aims at developing a platform that will provide healthcare data engineers, practitioners, and researchers access to a trustworthy dataset system augmented with controlled data synthesis for experimentation and modeling purposes. This platform will address data privacy and security by combining new anonymization techniques, attribute-based privacy measures, and trustworthy tracking systems.

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INNOVATION



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15

PARTNERS

8

COUNTRIES

€6 M

TOTAL BUDGET

48

MONTHS



IN ONE CLICK

Coordinator

FhP

Programme

Horizon Europe

Period

2022-2026

Sector

Health

Web

<https://aisym4medproject.eu/>

01 Challenge

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02 Solution

AI Sym4Med will help in the creation of more robust machine learning (ML) algorithms for real-world readiness, while considering the most effective computation configuration. Furthermore, a machine learning meta-engine will provide information on the quality of the generalized model by analyzing its limits and breaking points, contributing to the creation of a more robust system by supplying on-demand real and/or synthetic data.

03 Impacts

The expected impact, in line with the Strategic Plan, is to contribute to assuring European leadership of breakthrough health technologies and strategic autonomy in essential medical supplies and digital technologies, contributing to job creation and economic growth, in particular with SMEs. Moreover, the identification of needs to the scaleup and take-up of solutions at the national, regional, or local level, respecting European standards, including for operations involving health data. Finally, offering to the Health industry significant improvements in health outcomes, while benefits from decreased time-to-market.