



An ITEA Smart health project


SIGNET



Reducing complexity in clinical diagnosis and treatment pathways

Project summary

The aim of SIGNET is to realize the North Star of replacing complex medical workflows and procedures by single-episode personalized, dose-adaptive, precision Magnetic Resonance guided treatments and interventions, improving patient comfort, safety, treatment outcome, and economic viability.



Canada

imeka

MODUS QA

United States

imricor

The Netherlands

Amsterdam UMC
University Medical Centers

BRAIN SCIENCE TOOLS

LifeTec Group

Machnet Medical Robotics

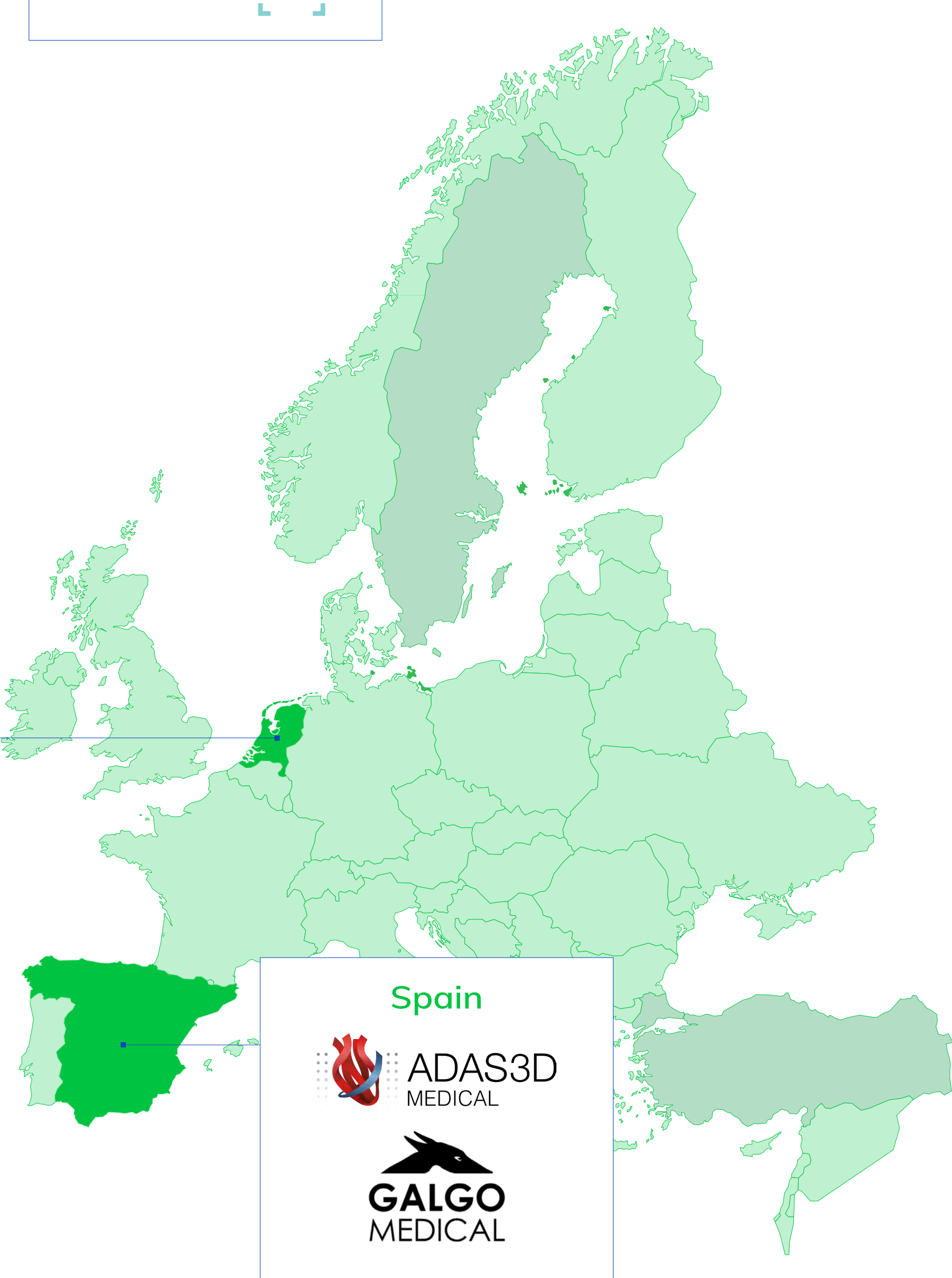
PHILIPS

UMC Utrecht

Spain

ADAS3D MEDICAL

GALGO MEDICAL



Project duration

November 2021 - January 2025

Expected key results / USPs

- > Single unified interface for the treatment device manufacturers to integrate with the MR system across neurology, cardiology & oncology domains.
- > Better AI driven image quality with up to 60% faster speed.
- > SIGNET innovations will position European MR guided treatment industry to more effectively compete with the ventures from the rest of the world, and allow treatment device manufacturers a quicker path to clinical evaluation and market adoption.
- > Expected direct annual societal gain of over EUR 1 billion by the end of this decade, through these innovations.

Project website

Project LinkedIn



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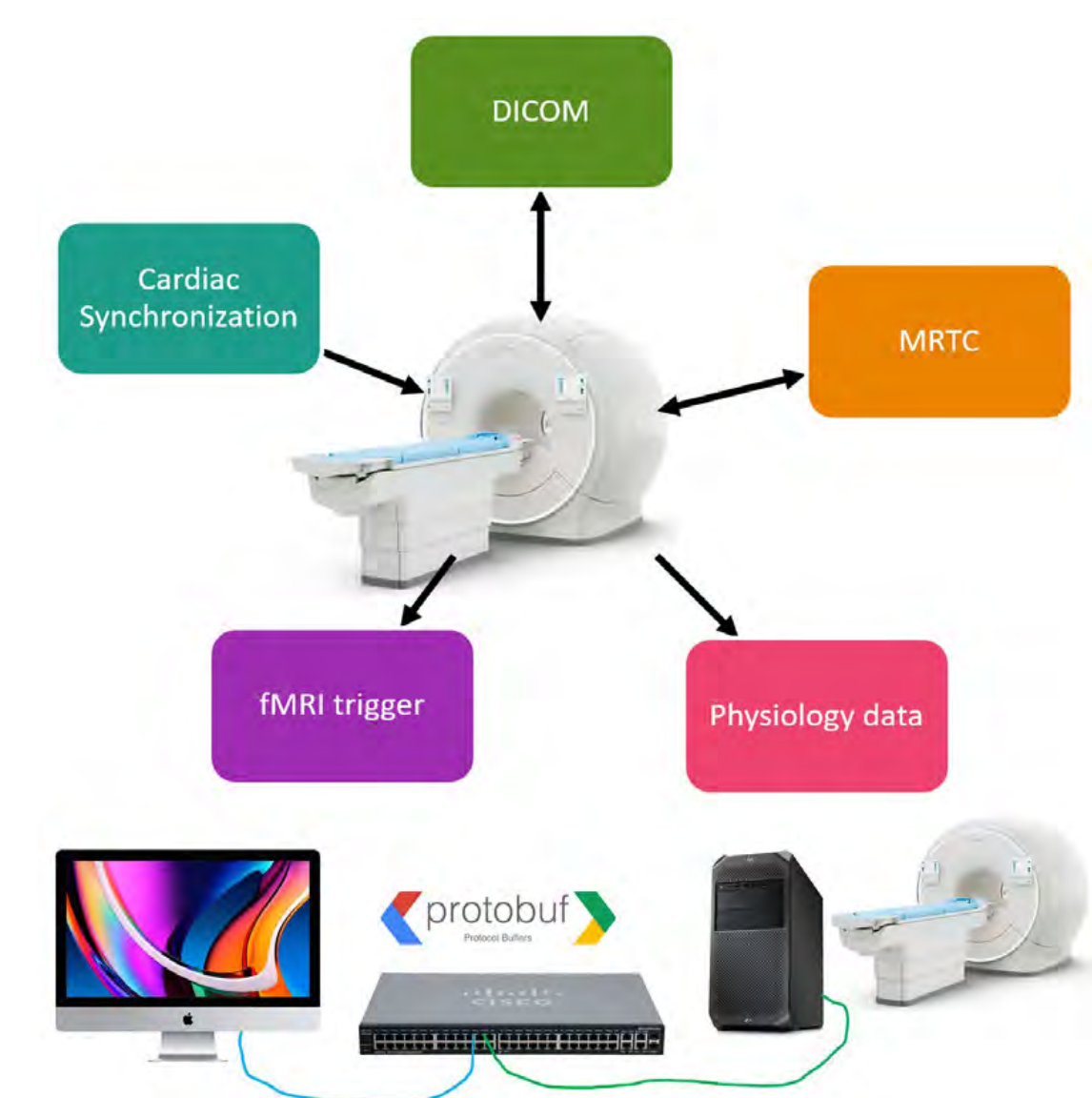
<https://signetproject.com/>



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<https://www.linkedin.com/company/itea-signet/>

SIGNET technology building blocks



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