



HOSMARTAI

AI for the smart hospital of the future

Project introduction

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netcompany

intrasoft

HosmartAI Stakeholder Workshop

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101016834

HosmartAI project info



Project title: Hospital Smart development based on AI

Project type: H2020 Innovation Action, in topic H2020-DT-ICT-12-2020 - AI for the smart hospital of the future

Duration: 1 Jan 2021 – 31 May 2024 (kicked off in Feb 2021 due to COVID-19)

Funding: € 9 997 244

Partners:

netcompany
intrasoft





A strong, efficient, sustainable and resilient European **Healthcare system** benefiting from the capacities to generate impact of the **technology European Stakeholders** (SMEs, Research centers, Digital Hubs and Universities)



Guarantee the **integration** of Digital and Robot technologies in new Healthcare environments and the possibility to **analyse their benefits** by providing an **environment** where digital health care **tool providers** will be able to design and develop AI solutions as well as a space for the instantiation and deployment of a AI solutions

Objectives

Objectives

Pre-
commercial
evaluation



Business Objectives

- Prove the HosmartAI platform against the pilots
- Wide communication and scientific dissemination
- Efficient exploitation and business planning
- Build ecosystem for SMEs and entrepreneurs in healthcare

Objectives

Pre-
commercial
evaluation

Delivery and
deployment



Business Objectives

- Prove the HosmartAI platform against the pilots
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Technical Objectives

- Deliver a holistic healthcare interoperability platform
- Offer security, privacy and trust mechanisms
- Develop AI-supported tools

Objectives

Pre-commercial
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Delivery and
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Research



Business Objectives

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Technical Objectives

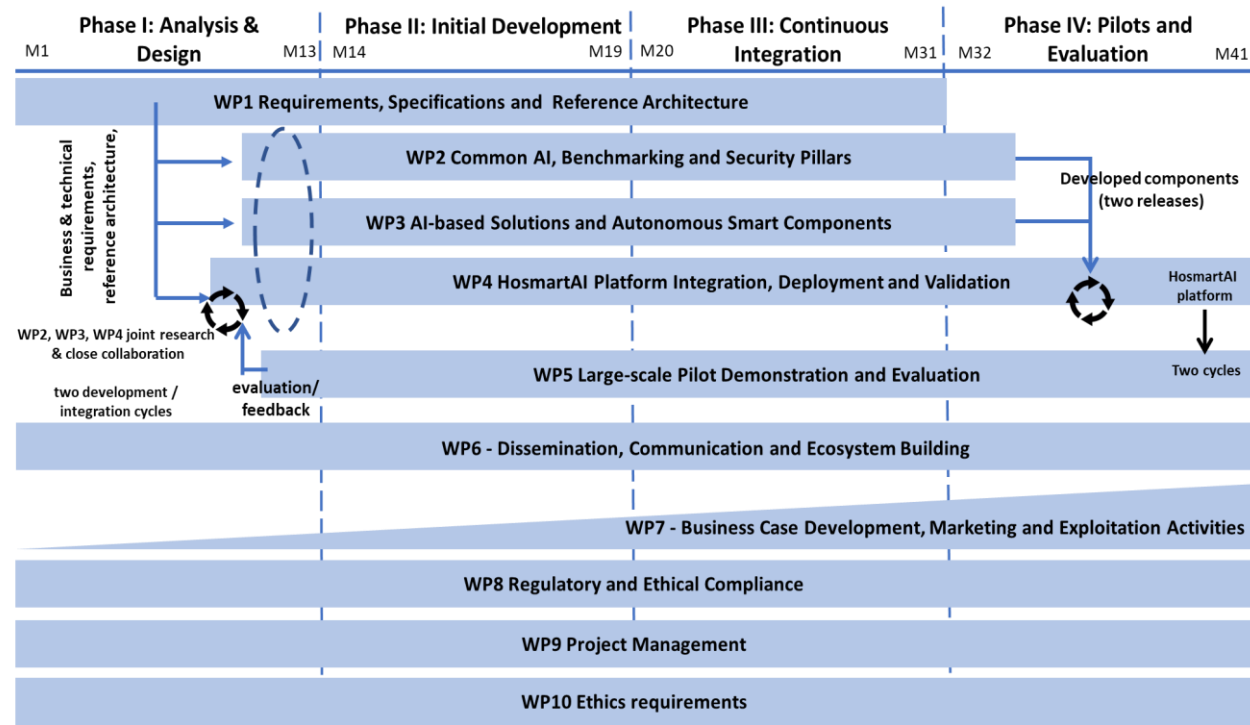
- Deliver a holistic healthcare interoperability platform
- Offer security, privacy and trust mechanisms
- Develop AI-supported tools




Scientific and Innovation Objectives

- Tackle data interlinking, semantics, improvement, for data interoperability and sharing
- Establish benchmarking framework for innovative AI-based systems in healthcare

Project dependencies




Project dependencies




Business Objectives

- B.O-1: Prove the HosmartAI platform against the pilots
- B.O-2: Wide communication and scientific dissemination
- B.O-3: Efficient exploitation and business planning
- B.O-4: Build ecosystem for SMEs and entrepreneurs in healthcare



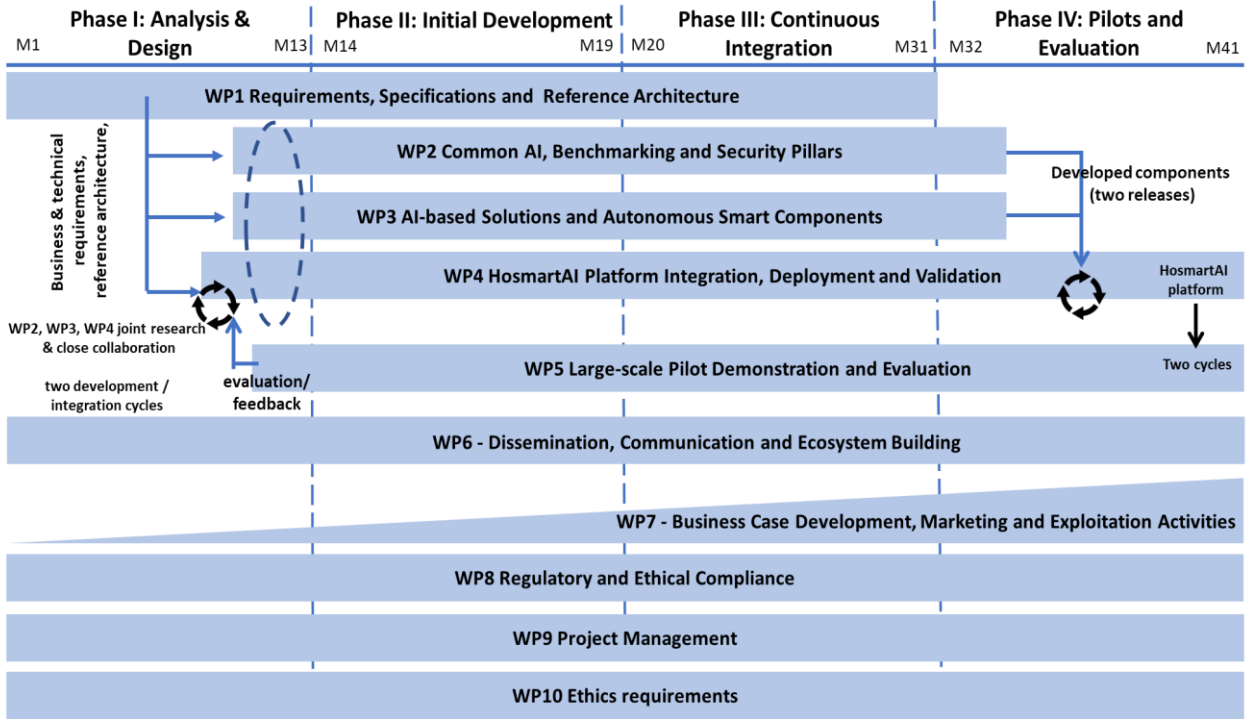
Technical Objectives

- T.O-1: Deliver a holistic healthcare interoperability platform
- T.O-2: Offer security, privacy and trust mechanisms
- T.O-3: Develop AI-supported tools

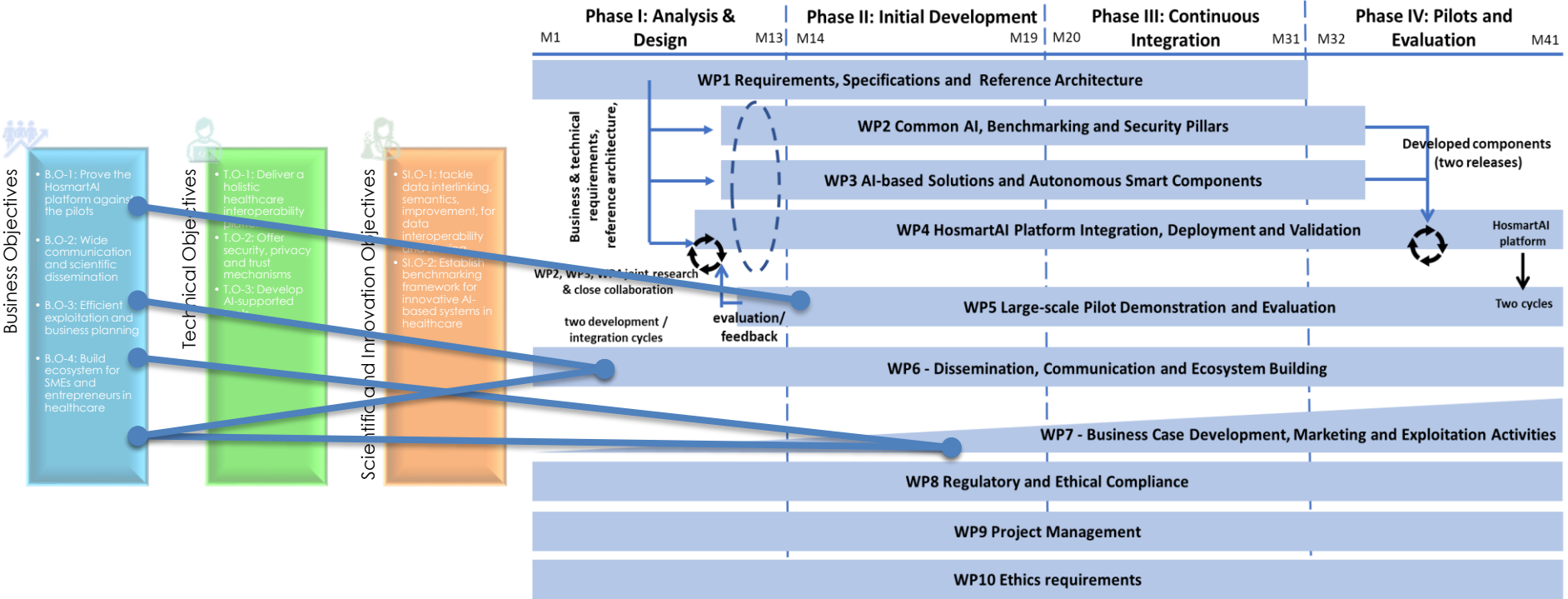


Scientific and Innovation Objectives

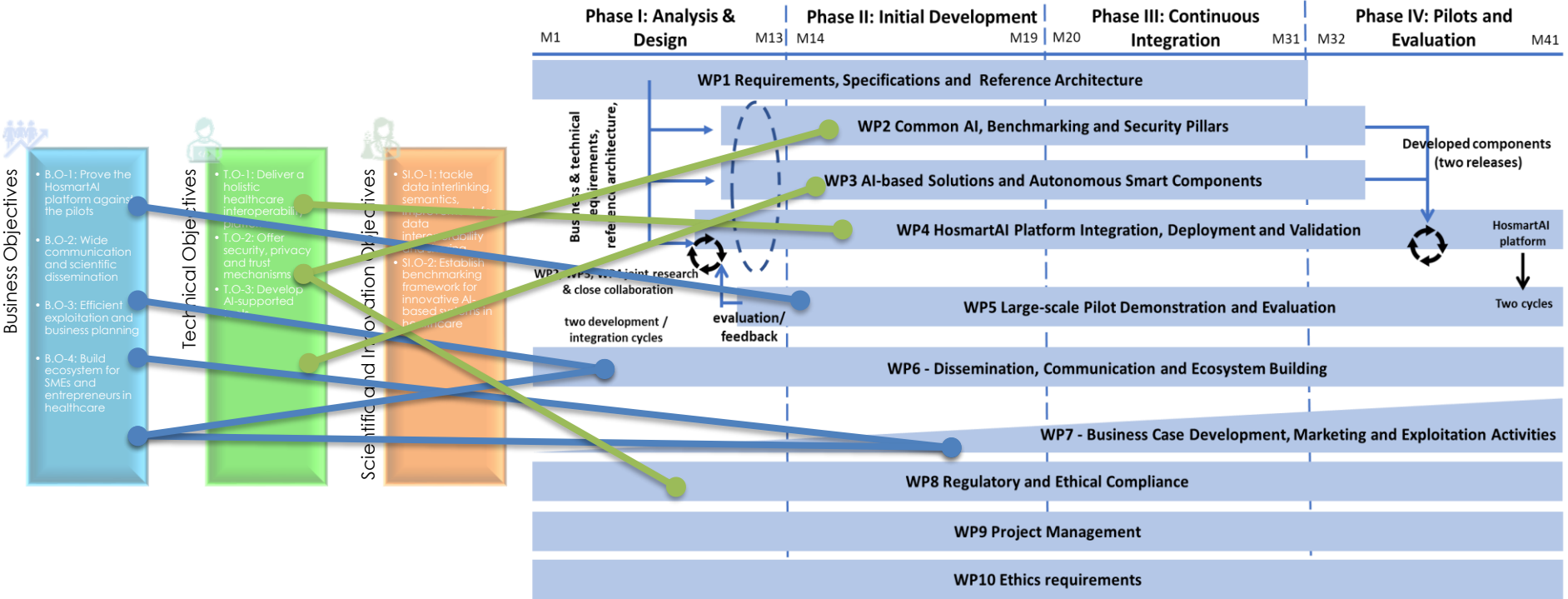
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- SI.O-2: Establish benchmarking framework for innovative AI-based systems in healthcare



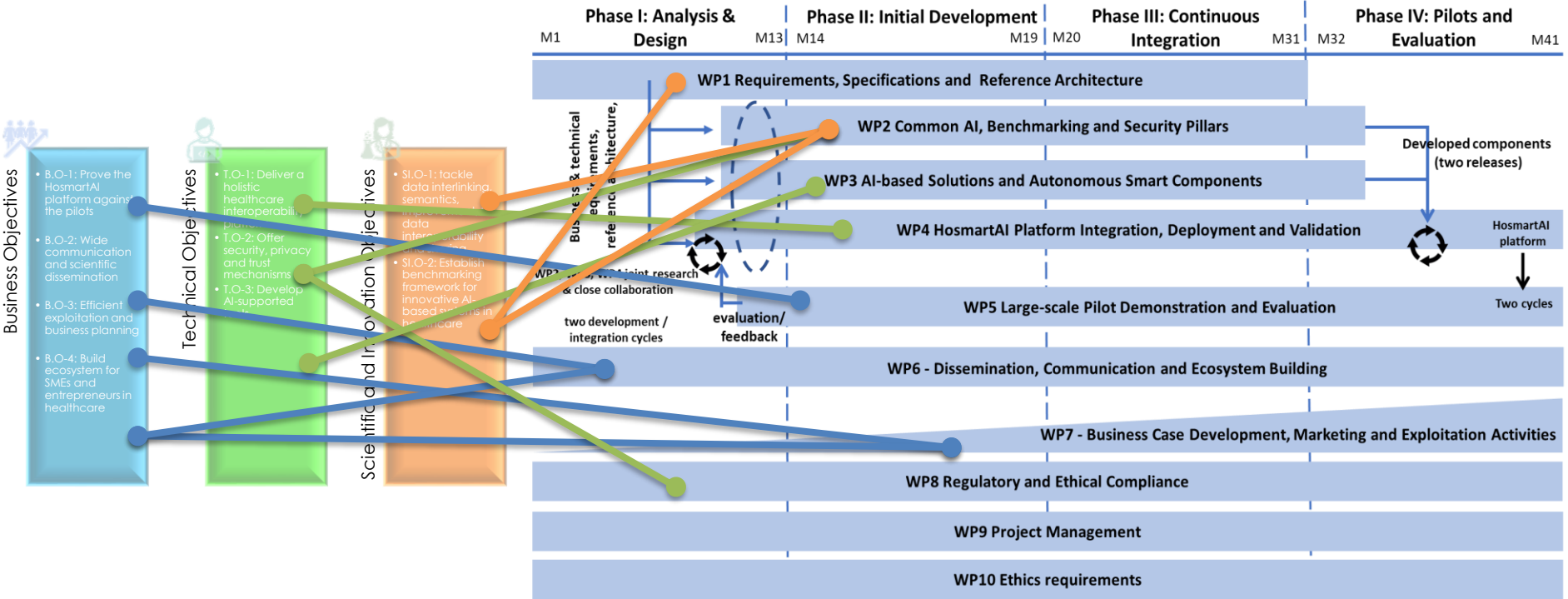
Project dependencies



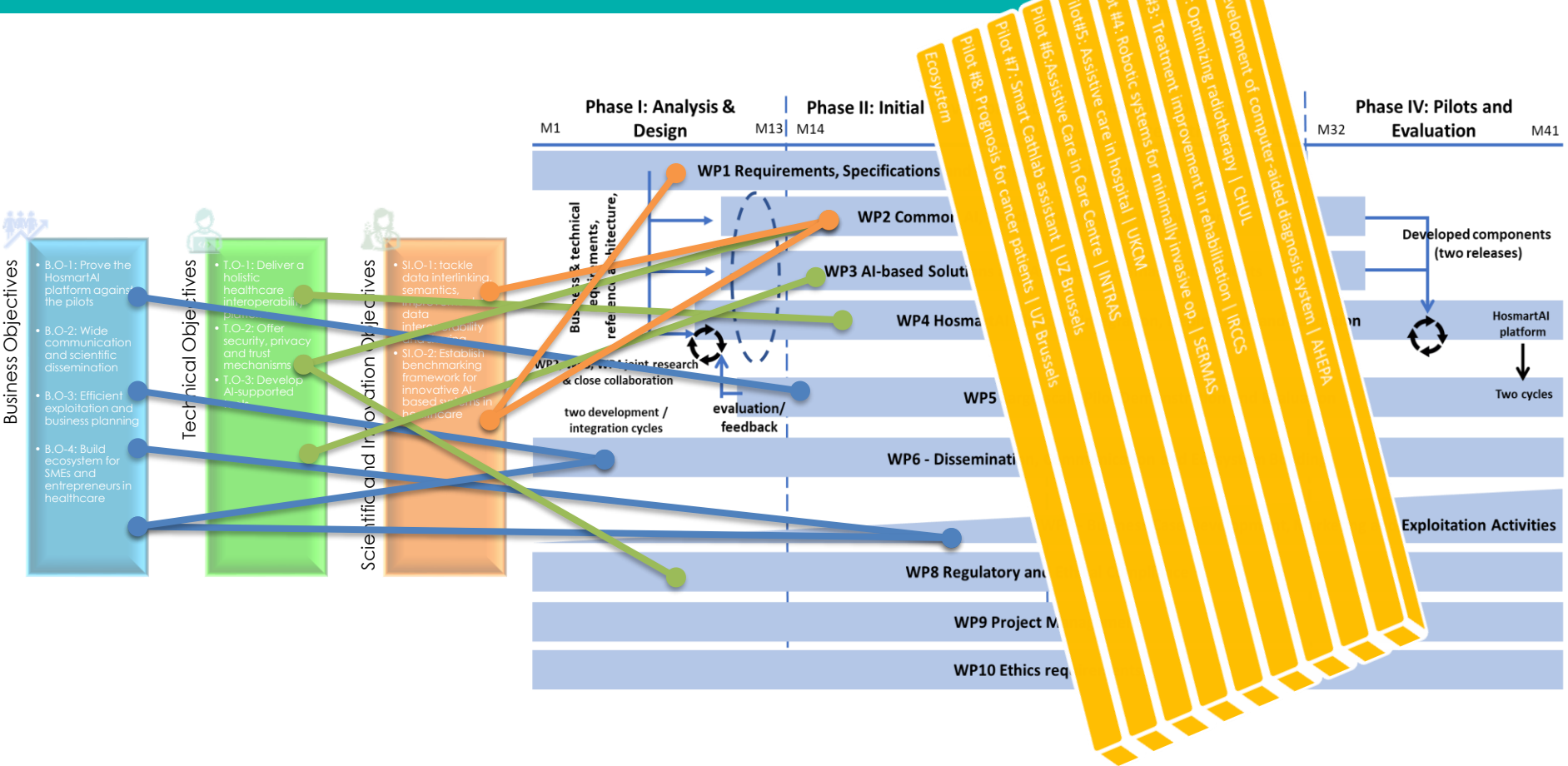
Project dependencies



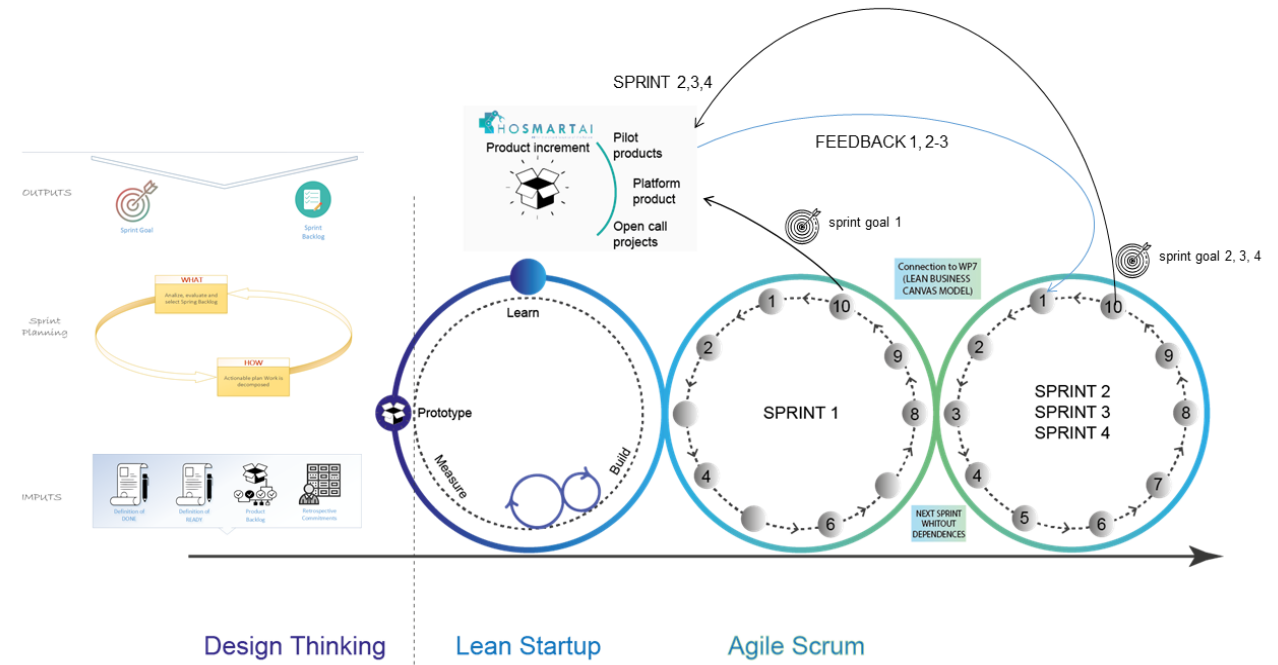
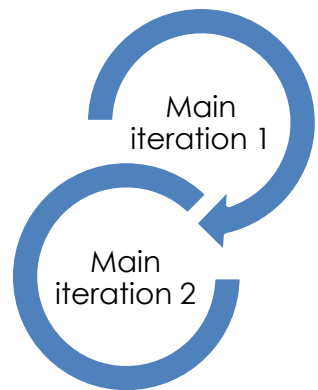
Project dependencies



Project dependencies



Methodology



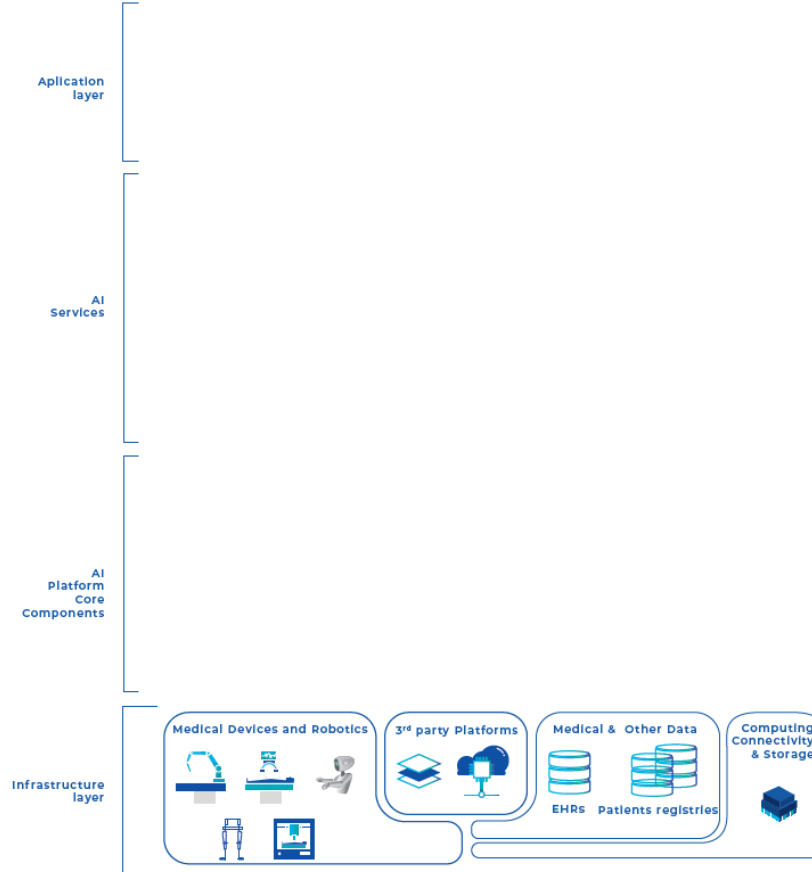
Open Call #1: Call for Tech

Open Call #2: Call for Pilots

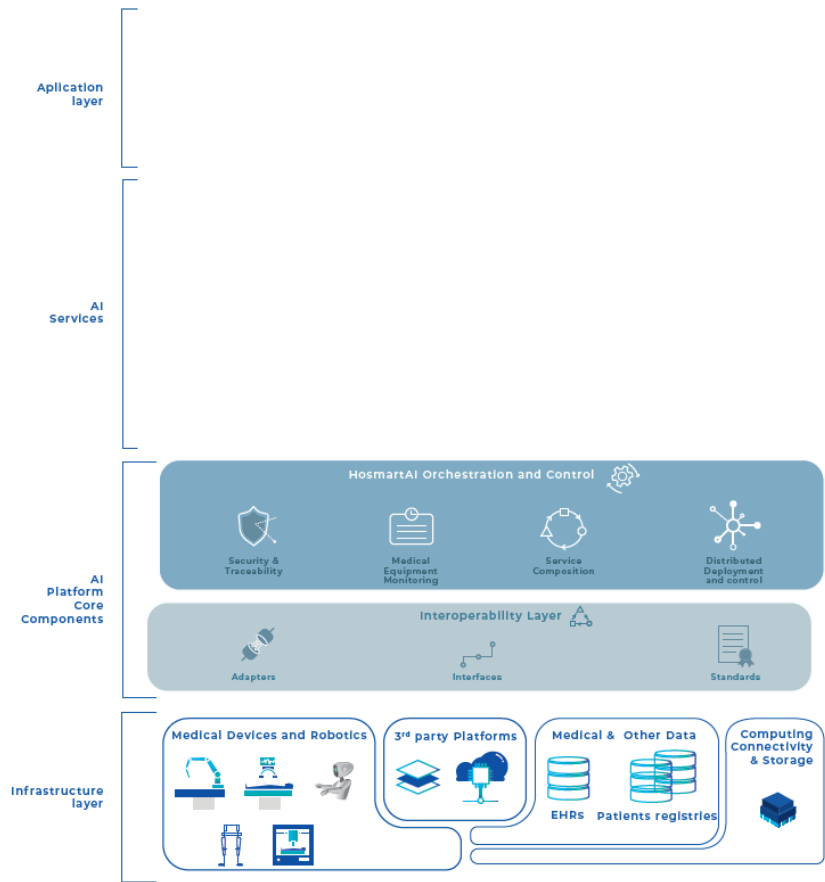
Technology build up



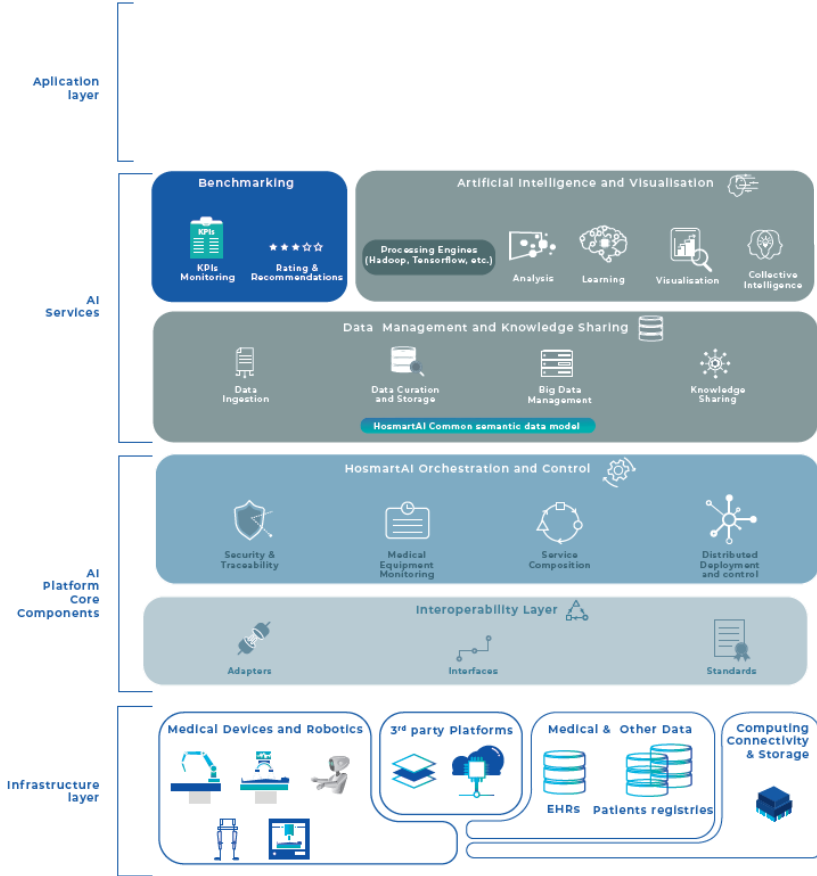
Technology build up



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