

# **Digital Healthcare Ecosystem research and innovation capability building (DiHECO) 2020-2024**

**Prof.dr. Asta Pundziene,  
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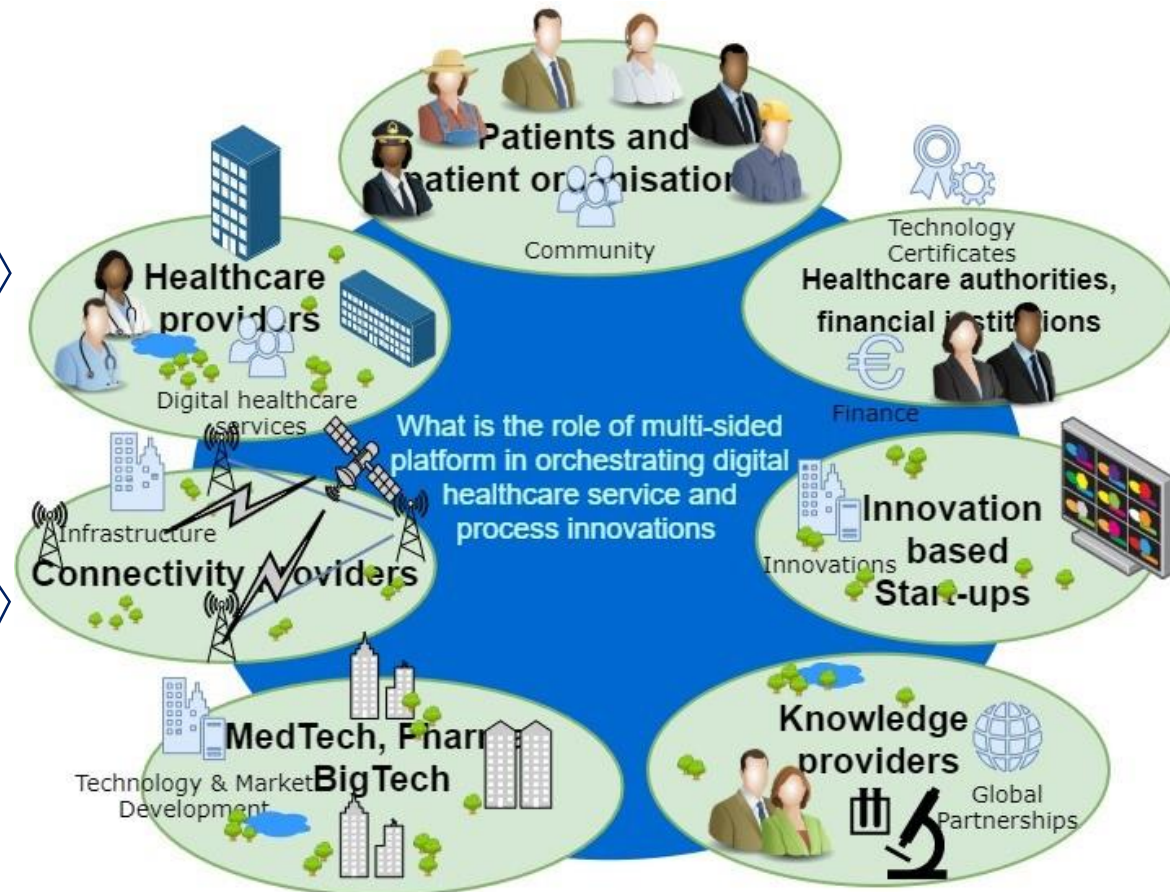
## Motivation for the project

In many industries digital platforms revolutionized processes, performance standards & business models.

Healthcare due to the external and internal reasons face growing scope of demand for healthcare services and costs.

However the adoption of the digital healthcare platforms is slow and experience value impedance.

Thus, we aim to advance knowledge and to foster innovations on how digital platform can orchestrate healthcare services and process innovation in order to create value to the patient and stakeholders.



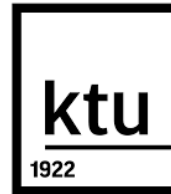


# Joint Forces



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de Barcelona

The Autonomous University  
of Barcelona (UAB), Spain



kaunas  
university of  
technology

Kaunas University of  
Technology (KTU), Lithuania



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## Overall Objective

The overall objective of the DiHECO project is to build the capacities to conduct high-quality research in the field of digital healthcare management and in particular digital healthcare services' multi-sided platforms.

## Specific Objectives

**Objective 1.** Implement experience-based learning through carrying out high-quality small-scale research and innovation initiatives in the field of multi-sided platforms of digital healthcare services;

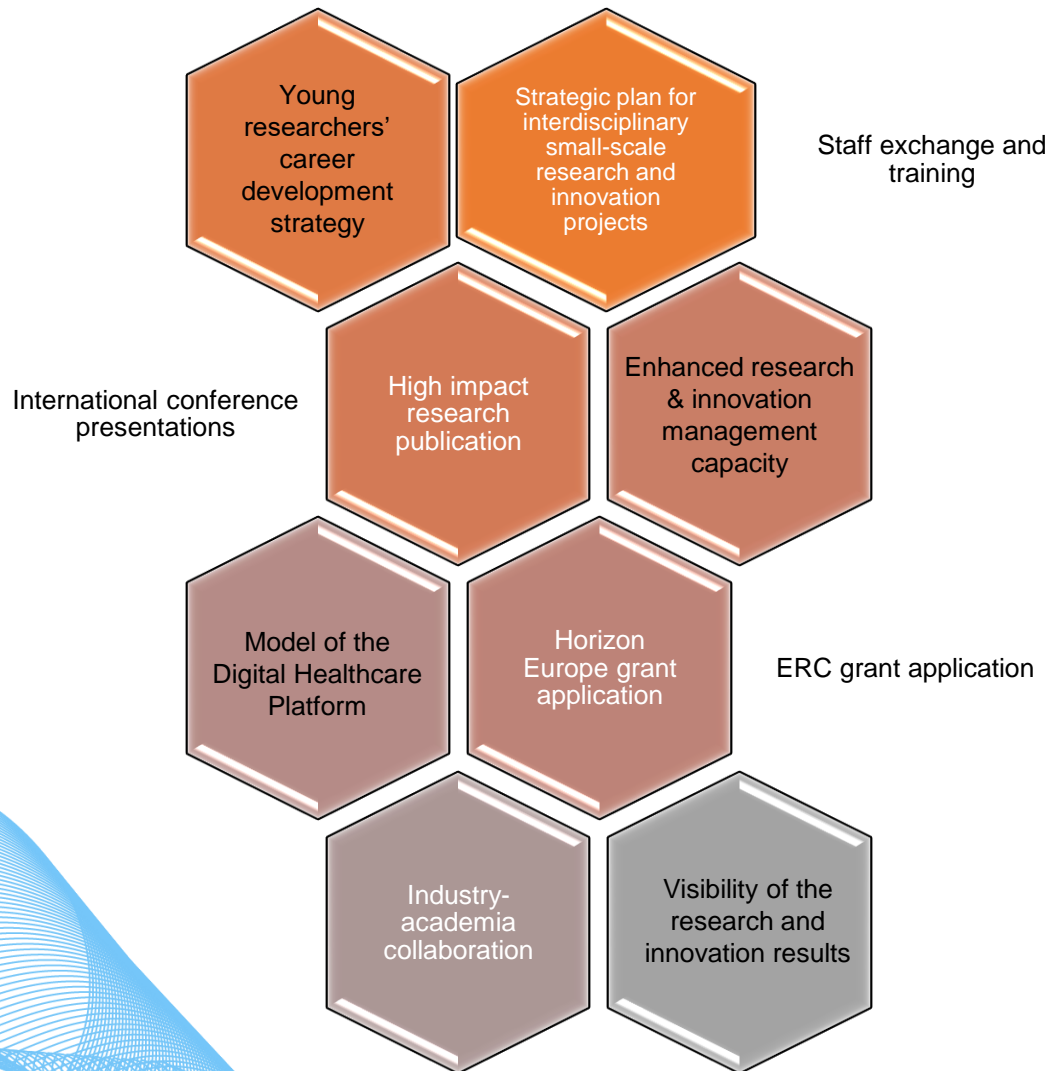
**Objective 2.** Apply for grants to fund respective digital healthcare management research and collaborative projects;

**Objective 3.** Develop the capacities for research and innovation management and administration;

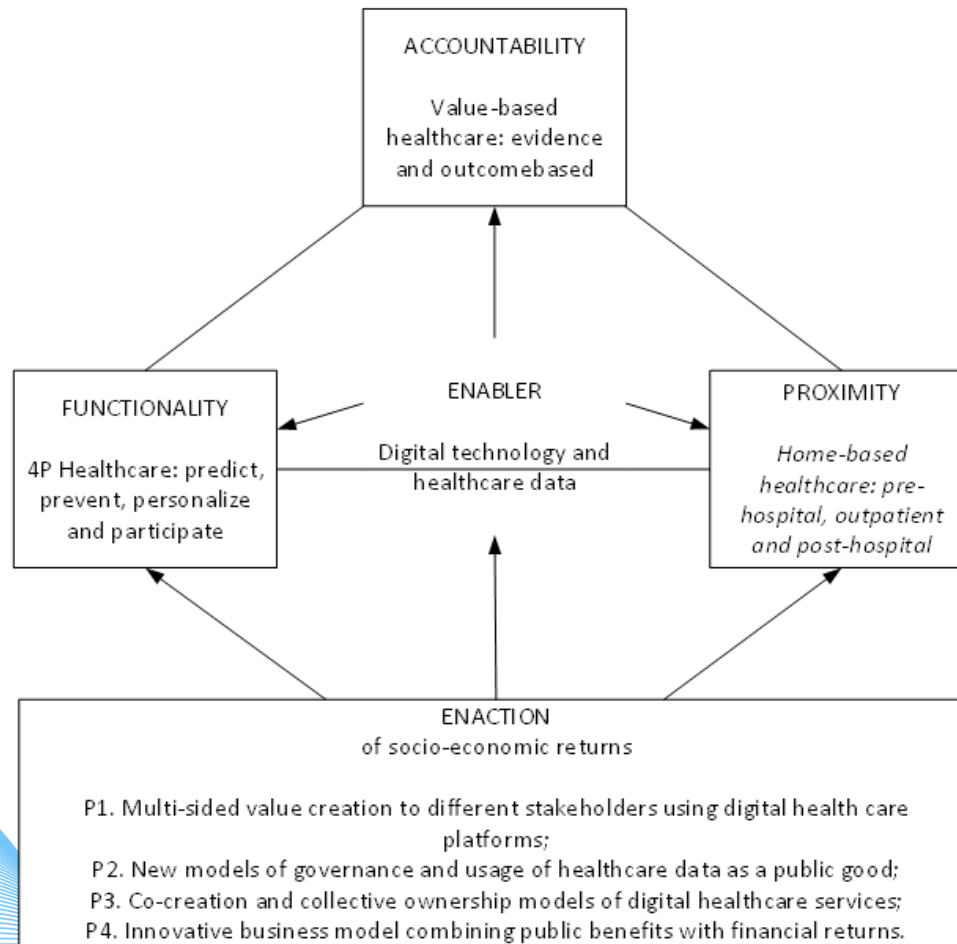
**Objective 4.** Transfer research outputs to digital healthcare ecosystem stakeholders;

**Objective 5.** Build capacities for offering better career prospects to early-stage researchers and step up in gender equality.

## Expected Results

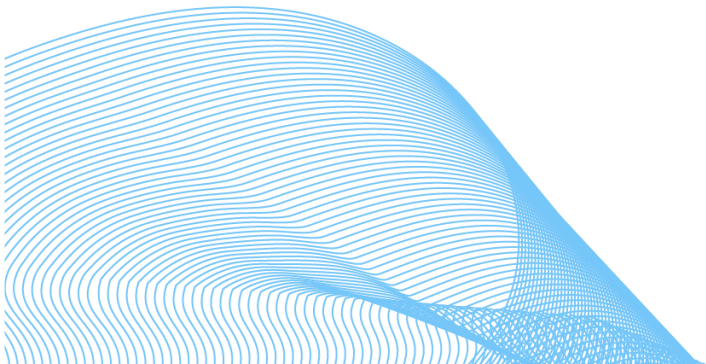


# Conceptual model



# Small Scale research projects

|  | <b>KTU</b> | <b>UM</b> | <b>LUND</b> | <b>UAB</b> | <b>TAU</b> |
|--|------------|-----------|-------------|------------|------------|
| RP1. Multi-sided value creation for/by different stakeholders using (the same) digital healthcare platform |            | X         | LEAD        | (X)        | X          |
| RP2. New models of governance and usage of healthcare data as a public good                                | X          | X         |             | X          | LEAD       |
| RP3. Co-creation and collective ownership models of digital healthcare services                            | LEAD       |           | X           |            |            |
| RP4. Innovative business models which combine public benefits with financial returns                       | X          | Co-LEAD   |             | Co-LEAD    | X          |





## Next steps

Carry out 4 small-scale research projects: research papers published in ABS 3-4\* journals, presentation at international acknowledged conferences, e.g. AOM, SMS, EURAM, etc.

Enhance research and innovation competence of the researchers through training and internships across the partnership.

Extend collaboration with healthcare providers and relevant businesses.

To apply for Horizon Europe grants to assure sustainability of the research and innovation outcome and career development of young researchers.

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