

Horizon Europe Health&SSH Brokerage Event



Name |
Roessingh Research and Development

Country | Netherlands

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Project: 101057279 – HNN3.0

5 June 2023
Pitching Session



ROESSINGH RESEARCH & DEVELOPMENT

IMPACT LAB FOR PERSONALISED HEALTH TECHNOLOGY

REHABILITATION | SPORTS |
HEALTHY AGEING

Moving forward together

RRD provides scientific research on innovative healthcare technology with an end-user focus. For RRD, co-creation with end-users and stakeholders is key to ensure that the innovation meets **user needs** and fits the **healthcare context**. So that technology is actually and optimally used and contributes to sustainable healthcare.



ROESSINGH RESEARCH & DEVELOPMENT

IMPACT LAB FOR PERSONALISED HEALTH TECHNOLOGY

REHABILITATION | SPORTS |
HEALTHY AGEING

Moving forward together

Our expertise for user-oriented health technology focuses on **rehabilitation, sports** and **healthy ageing**.

We contribute to **prevention, self management** and optimal **participation in society** by developing new technology-based health concepts that are actually used, at home or in the clinic.

www.healthncp.net



ROESSINGH
RESEARCH
&
DEVELOPMENT

IMPACT LAB FOR PERSONALISED HEALTH TECHNOLOGY

REHABILITATION | SPORTS |
HEALTHY AGEING

Moving forward together

RRD is an independent company (SME) closely linked to strategic partners **Roessingh Center for Rehabilitation** and the **University of Twente**. This offers RRD a unique combination of scientific, technological and clinical knowledge. In addition, our cooperation network consists of healthcare institutions, patient associations, developers of healthcare technology and knowledge institutes.



UNDERSTAND

Understand the user needs and requirements and the context of use as input for the development of health technology.



CREATE

Co-create health technology and develop the tools to better understand the user in the relevant context.



IMPACT

Investigate the impact of the health technology for both the users and the society.

WITHIN THE CONTEXT OF **REHABILITATION, SPORTS AND HEALTHY AGEING**

Cluster 1

- HORIZON-HLTH-2024-STAYHLTH-01-02-two-stage: Towards a holistic support to children and adolescents' health and care provisions in an increasingly digital society
- HORIZON-HLTH-2024-STAYHLTH-01-05-two-stage: Personalised prevention of non-communicable diseases - addressing areas of unmet needs using multiple data sources
- HORIZON-HLTH-2024-DISEASE-03-08-two-stage: Comparative effectiveness research for healthcare interventions in areas of high public health need
- HORIZON-HLTH-2024-DISEASE-03-14-two-stage: Tackling high-burden for patients, under-researched medical conditions
- HORIZON-HLTH-2024-CARE-04-04-two-stage: Access to health and care services for people in vulnerable situations

Our expertise:

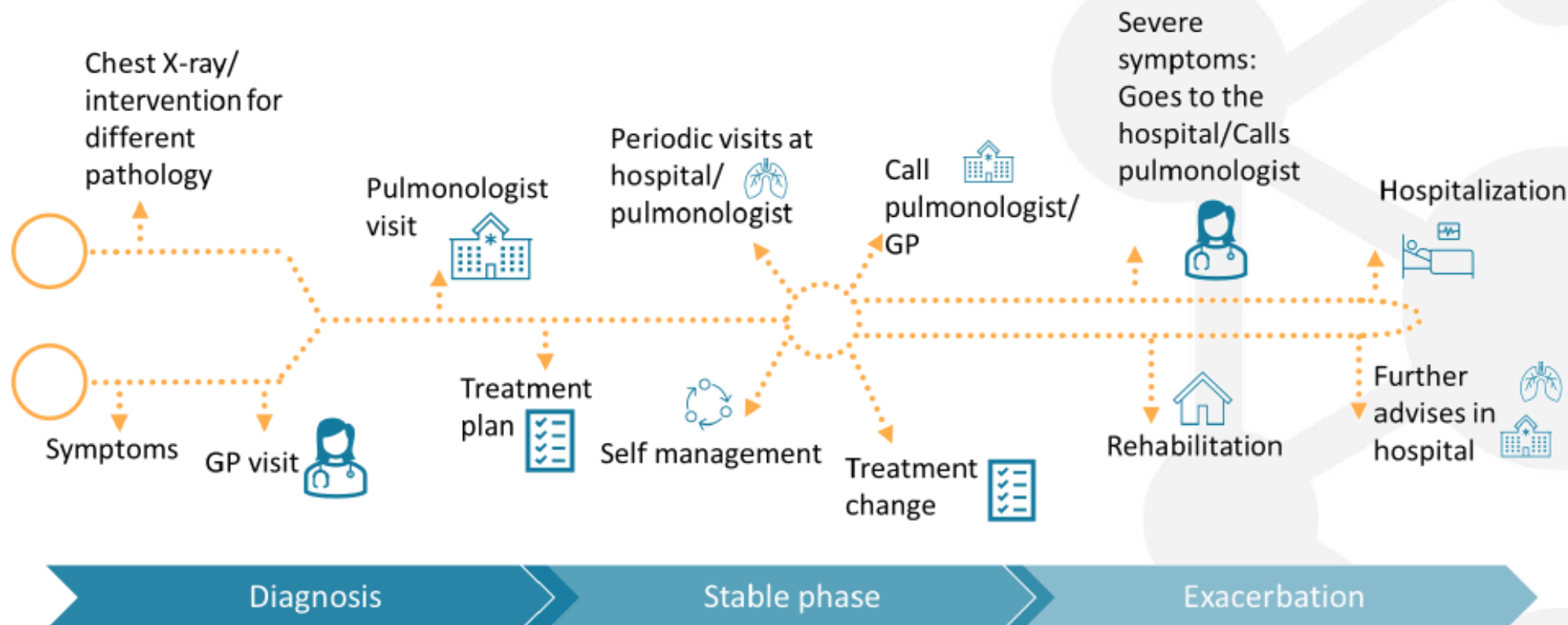


UNDERSTAND

Understand the user needs and requirements and the context of use as input for the development of health technology.

- User research
 - User needs
 - Patient journey
- Continues end-user involvement
 - Usability / UX testing
 - Acceptance studies
- Service modelling
 - Context of use

Our expertise:



Our expertise:



CREATE

Co-create health technology and develop the tools to better understand the user in the relevant context.

- SenSeeAct data platform
- Apps
 - Mobile and webbased
 - Android and IOS

Our expertise:

web portal



mobile app
and wearables

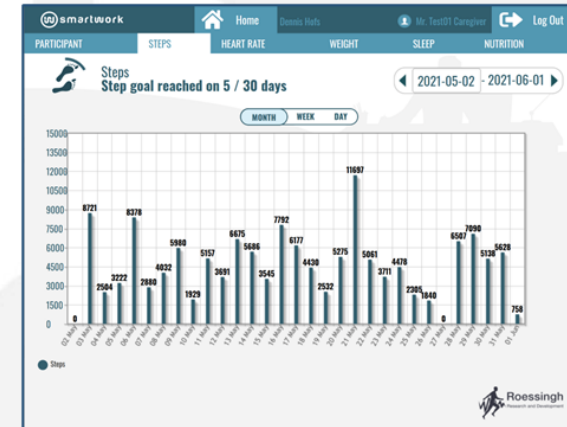
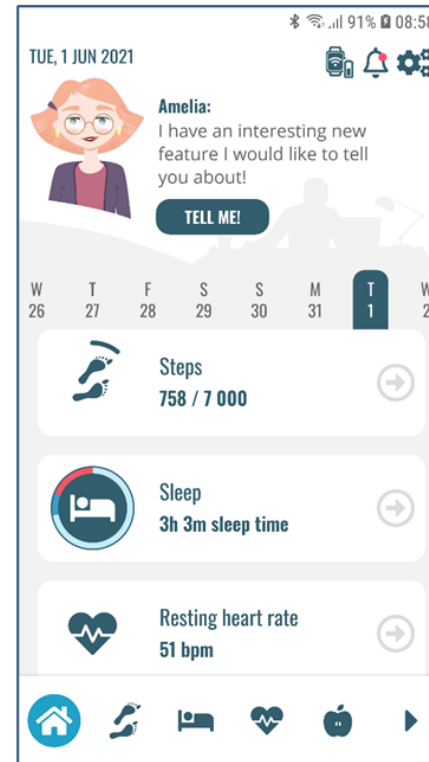


backend

database

secure API

decision
support
algorithms



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Our expertise:

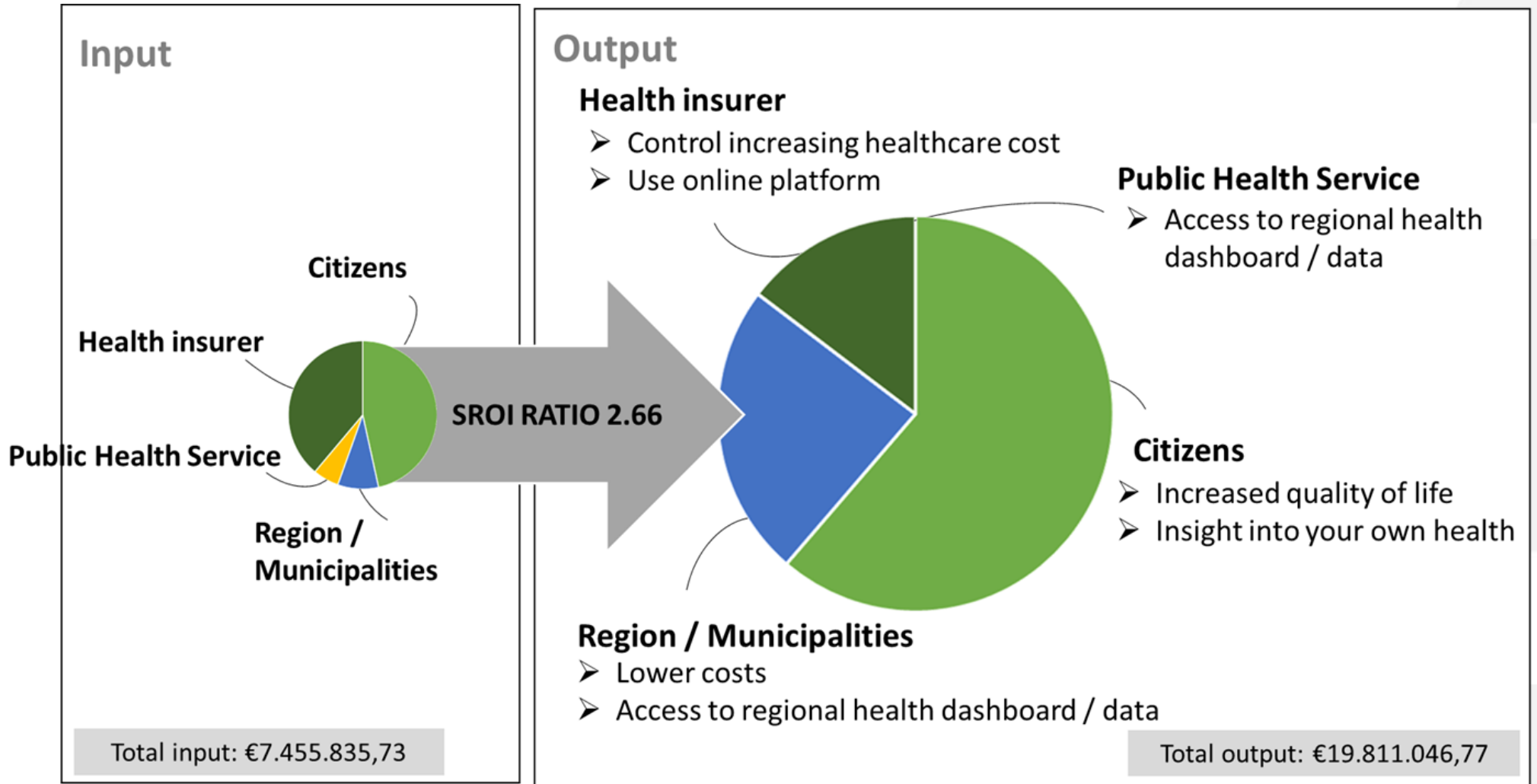


IMPACT

Investigate the impact of the health technology for both the users and the society.

- User / clinical / societal evaluation
 - Observational studies (pre-/post-test)
 - Randomized controlled trials (RCT)
 - innovative research designs
 - cmRCT
 - Stepped wedge
 - MRT
- Implementation in care context

Our expertise:



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- Project coordination
- WP Lead

PERSSILAA

backUP

pharaon

MY LEG

COUNCIL of
COACHES



iHand



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Thank you

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