

ahti

Achieving
Better Health

Visit Wethouder Victor Everhardt 5 March 2020

Program

- ◎ Welcome & Introduction
- ◎ Entrepreneurship in health:
 - ◎ Amsterdam health & technology institute
 - ◎ Startupbootcamp
 - ◎ HealthInc: Healthtech accelerator
 - ◎ Consortium driven innovation: DHoTS
- ◎ Visit our neighbors:
 - ◎ NLC
 - ◎ Carepay
 - ◎ Sanofi



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Introduction ahti Health Challenges Innovation Entrepreneurship





JOEP LANGE INSTITUTE

Background of our group

Origins in Academic Medical Center, University of Amsterdam

- **1995** Mother - child transmissions studies in Africa
- **2001** PharmAccess foundation: treatment in Africa
- **2002** HIV treatment programs: Heineken, Shell, Celtel, Diageo, Unilever, Coca-Cola
- **2005** HIV/AIDS program for armed forces in Tanzania
- **2006** Health Insurance Fund: raised EUR 100 m public funds
- **2007** Research: Amsterdam Institute for Global Health & Development
- **2008** IFHA: largest private equity health fund in Africa
- **2009** Medical Credit Fund: loans for doctors and pharmacies in Africa
- **2011** SafeCare: first accredited quality standards for Africa
- **2013** Mobile health: partnership with Vodafone, M-Pesa and Safaricom
- **2014** Untimely death of Joep Lange and Jacqueline van Tongeren
- **2015** Amsterdam Health & Technology Institute (ahti) started
 - Second IFHA fund closed
 - CarePay / M-Tiba launch
 - Launch facility for debt fund
 - BCG Evaluation
- **2016** Joep Lange Institute including Joep Lange Chair & Fellows program

Amsterdam health and technology institute

- ◎ Not for profit, kick-started in 2014 by the city of Amsterdam
- ◎ Creating change and achieve impact by connecting public and private partners
- ◎ Focus on Entrepreneurship and data driven innovation
- ◎ CBS microdata certified organization

Our Partners

Public private



Corporate



Research & academic





Introduction ahti Health Challenges Entrepreneurship Innovation

Healthcare is in need of transformation

Global: € 8.7T



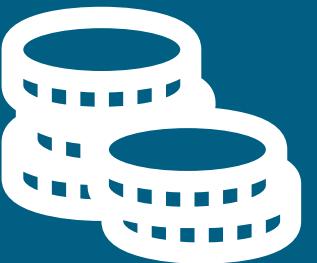
NL: € 97.5B

13,3%
(2017)

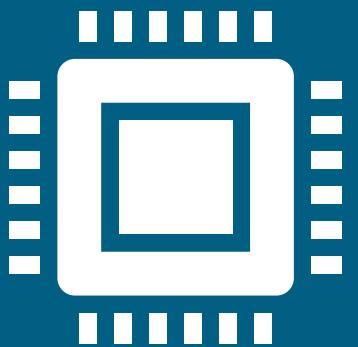


10,37%
(2000)

€1.06B
(2010) → €12.9B
(2018)



+152% p/y

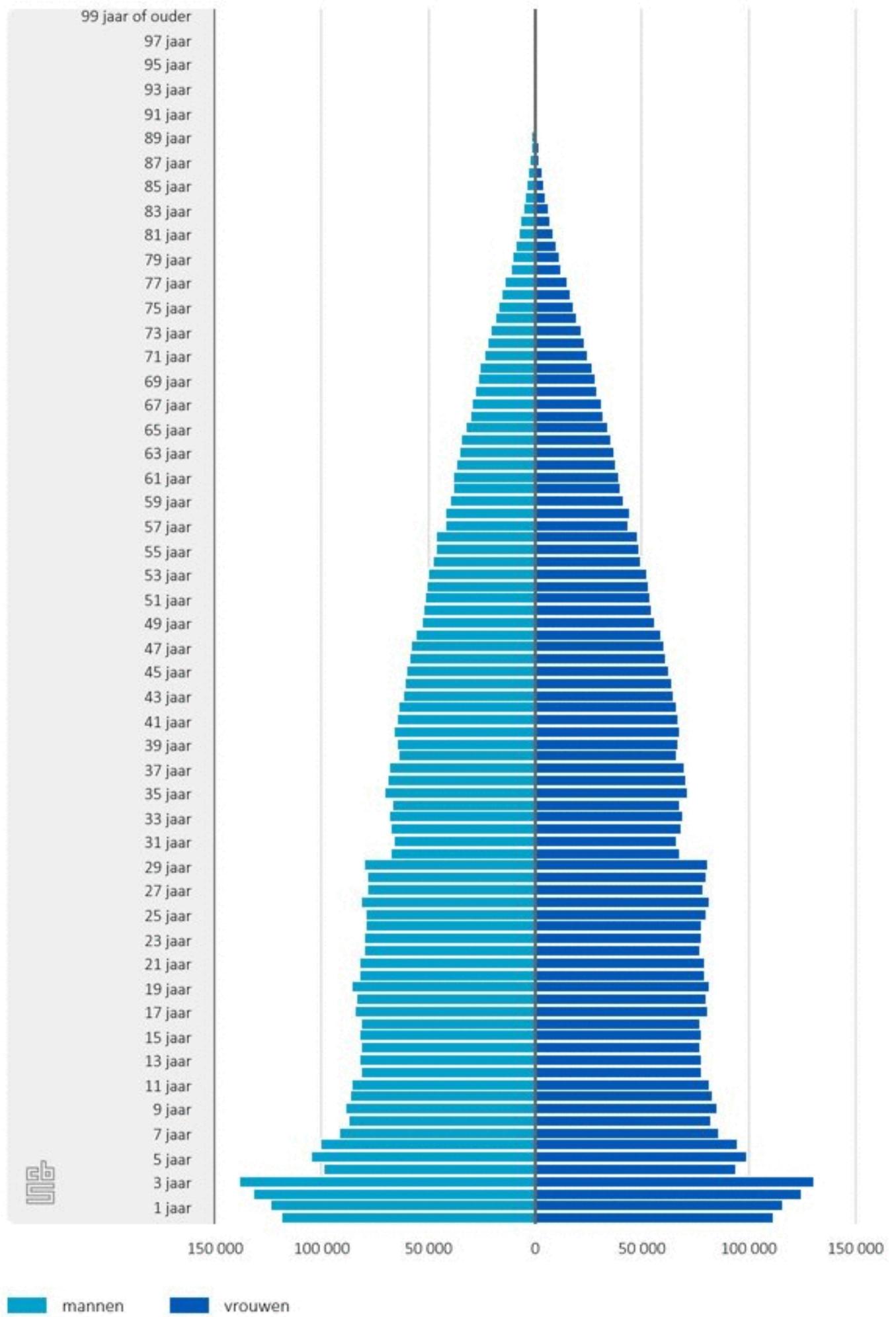


Largest
global sector

Dutch costs as
% GDP are
rising

Investments in
health tech are
rising rapidly

Scale-up of
innovation is
challenging



Ageing population=> Increasing Healthcare burden

Healthcare is not exclusively the domain of professionals anymore

- The Professional has to work in (and together with) a network of clients, informal caregivers and volunteers

Focus on the self-reliance of the patient

- However the professional is responsible for the results

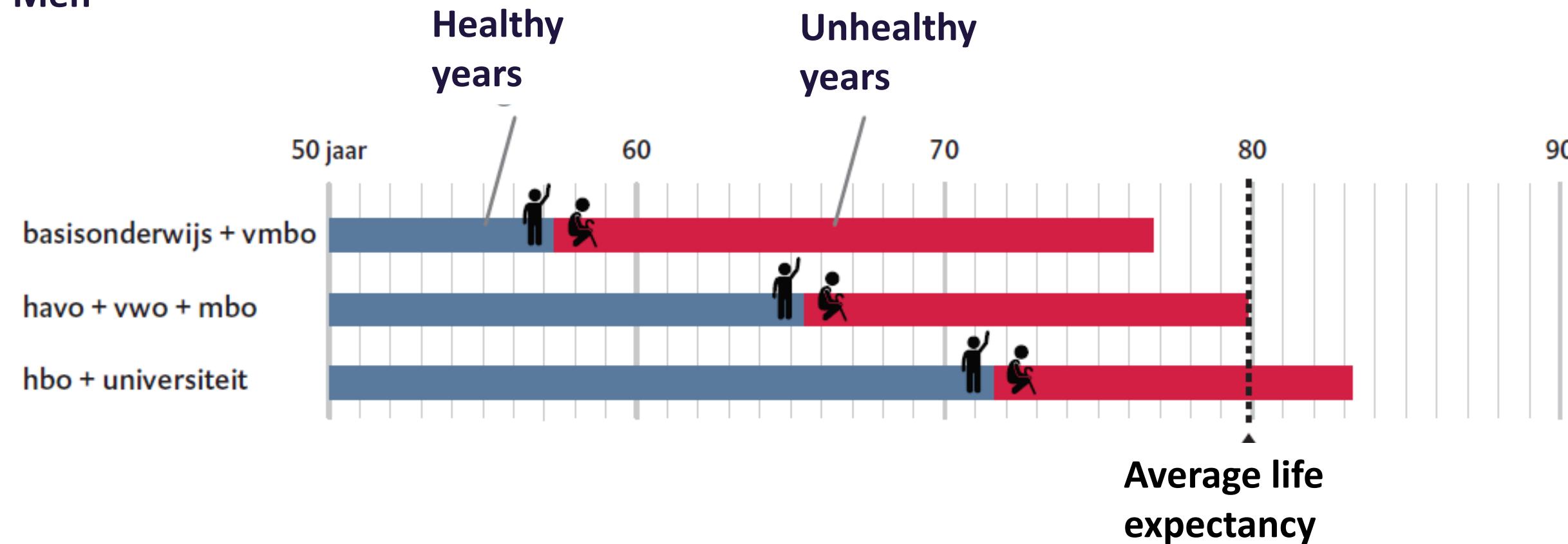
New competencies and skills are needed

- Technology plays a bigger role

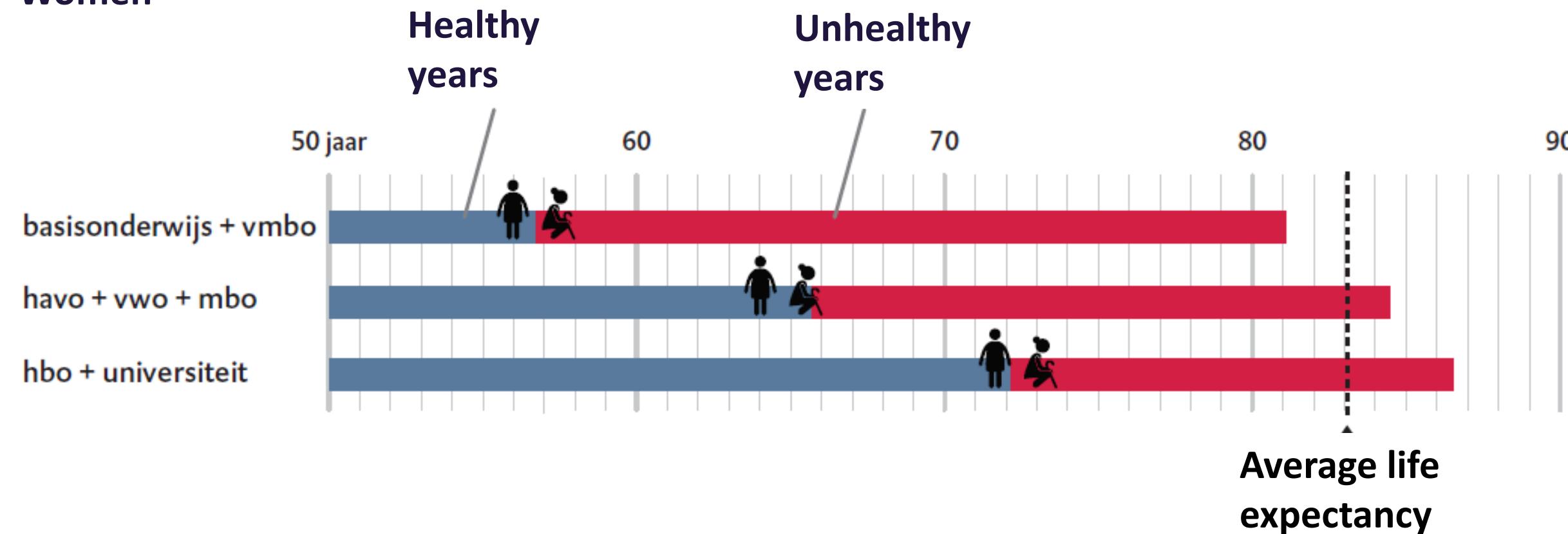
Patients/clients find themselves in a new system



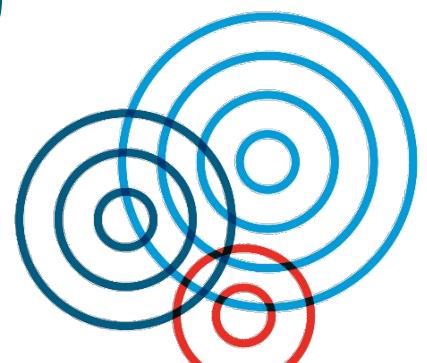
Men



Women



**Socio-economic
health differences
are wide and
growing**



hti



Entrepreneurship



HealthInc

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Innovation services



**Data &
actionable insights**



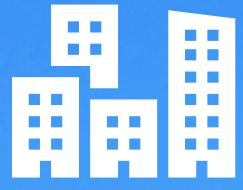
Program management



Innovation guide



Introduction ahti Health Challenges Entrepreneurship Innovation



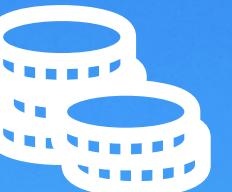
30.000m²
Office space



25% startup
50% SME
25% Corporate



1.000+
Professionals



€ 50M
Invested





Amsterdam Life Sciences District



25+ LSH
companies



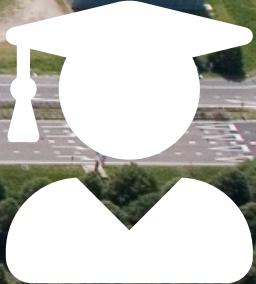
15+ New
Startups p/y



15.000
Professionals



4900 Medical
students



410 PhD's
Per year

SCOUTING IN NUMBERS

Class of 2020

3.800 startups analyzed

1.300 relevant startups

150 startups met

97 TOP startups



HealthInc
empowering entrepreneurs in health



HEALTHINC SCALE-UP ACCELERATOR

a 12-week HealthTech accelerator program that connects you to a network of health and business professionals.



Introduction ahti

Health Challenges

Entrepreneurship

Innovation

City health dashboard

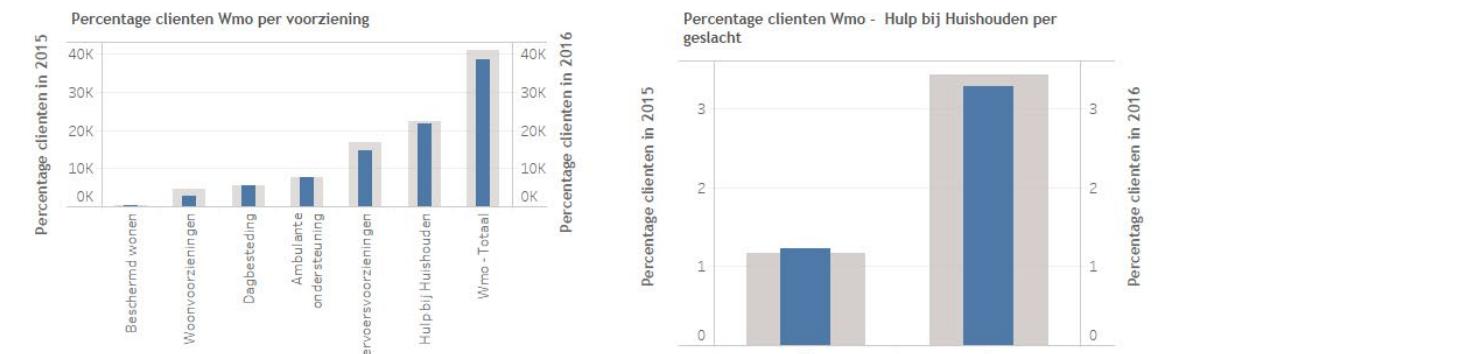
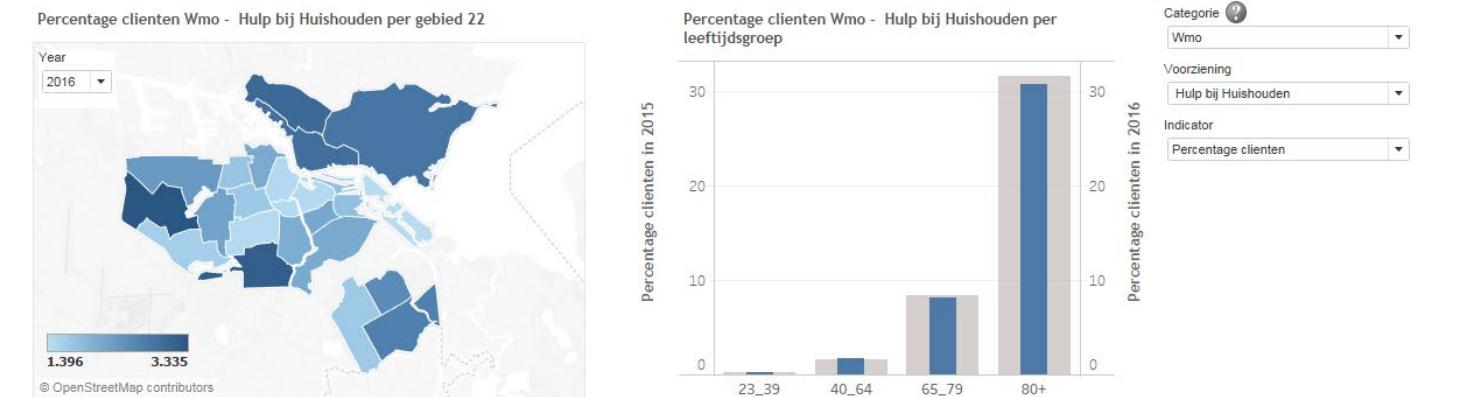
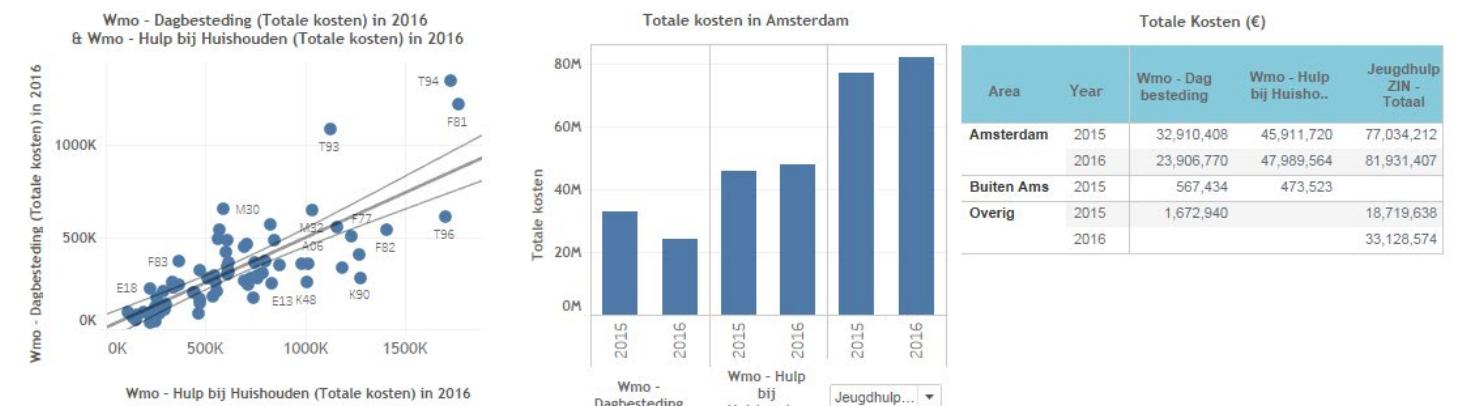
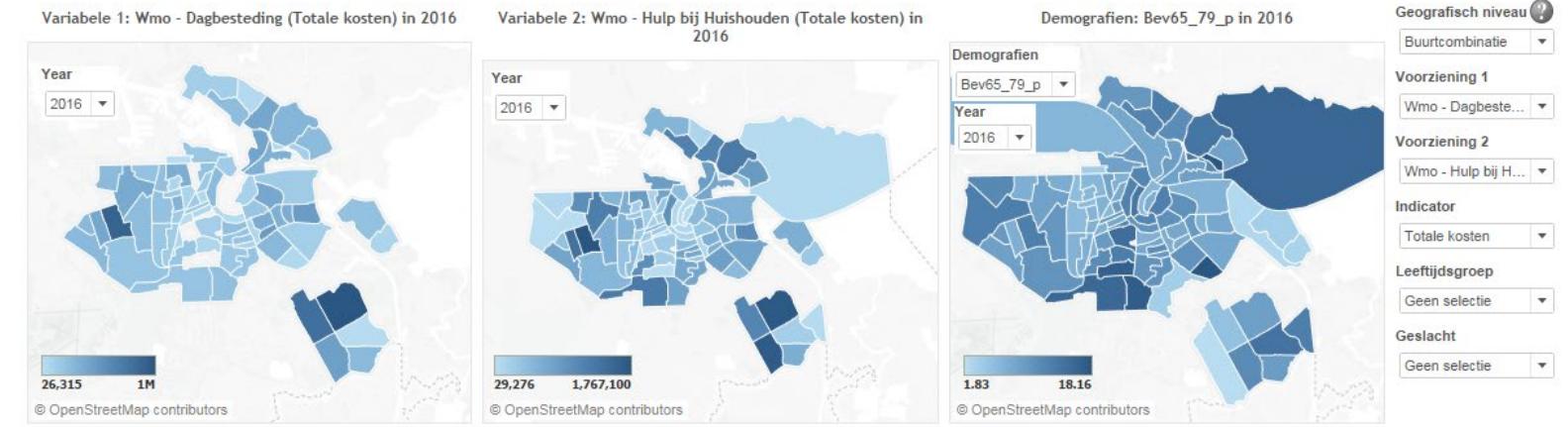
Context

- ◎ Monitor the use and request of WMO services and products in the city

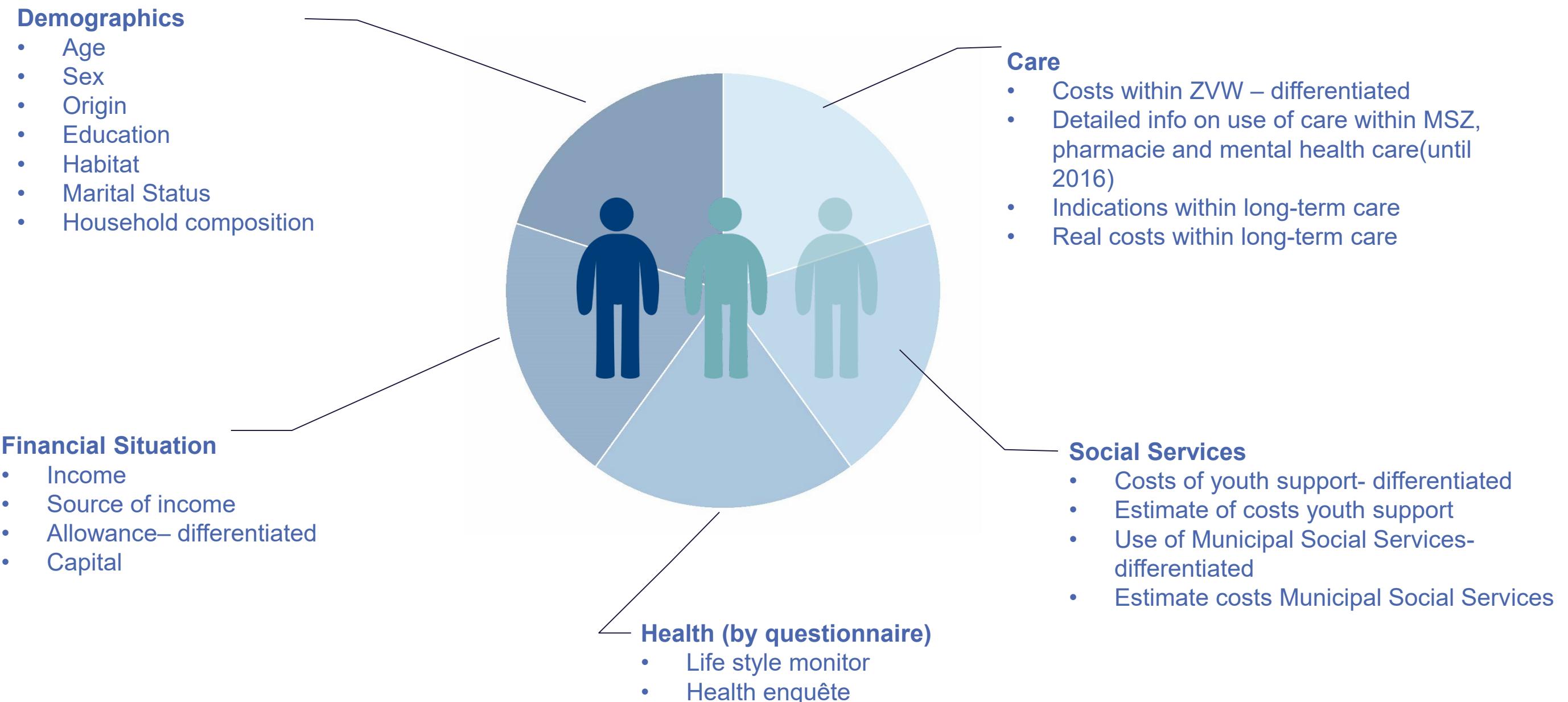
Ahti

- ◎ Visualization of WMO data in dashboard
- ◎ Provide the city with overview of services and respective costs

X Gemeente
X Amsterdam



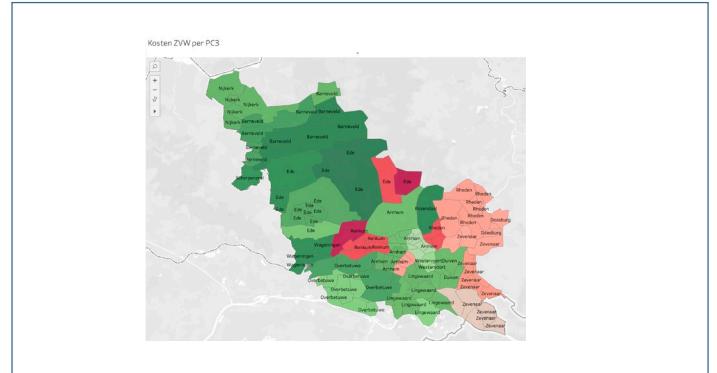
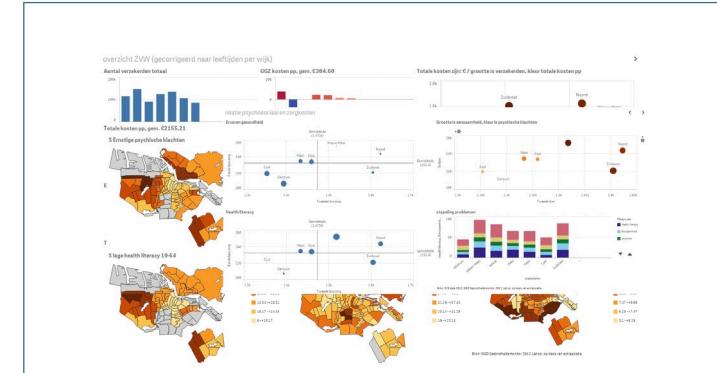
Micro data from CBS as a basis for insights, policy support and interventions



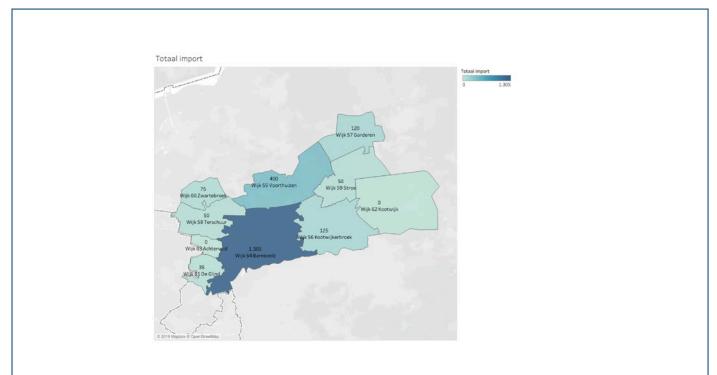
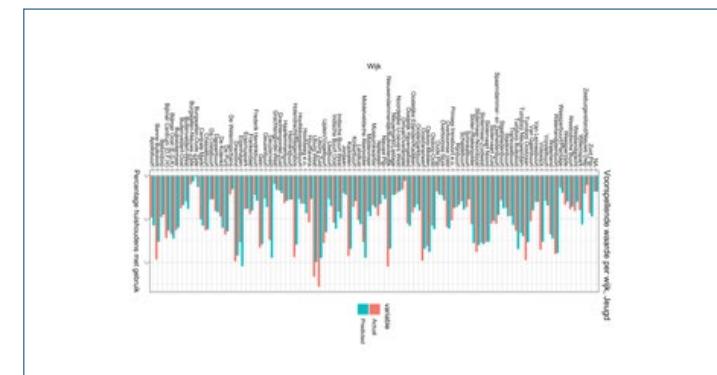
Use of (micro) data in different healthcare related projects



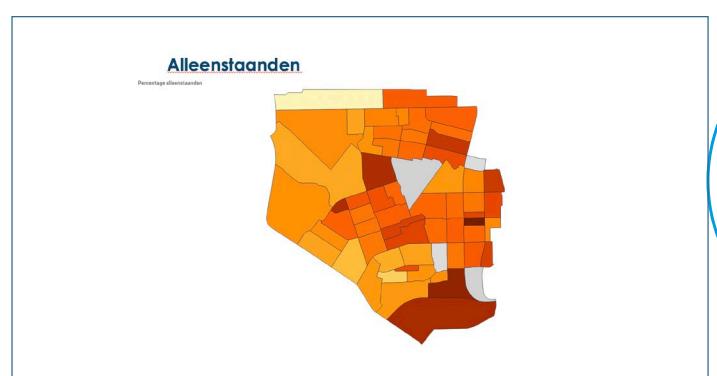
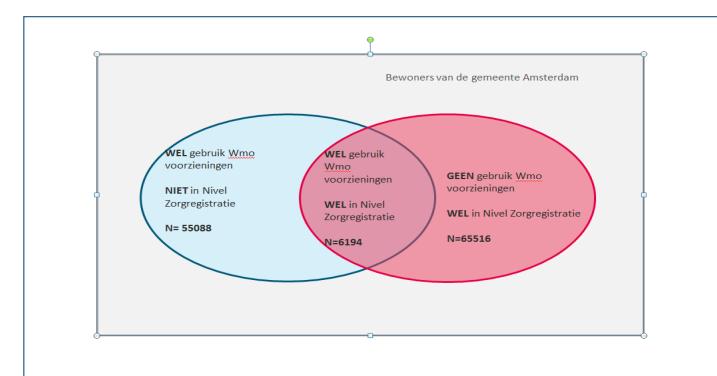
Amsterdam City Health dashboard



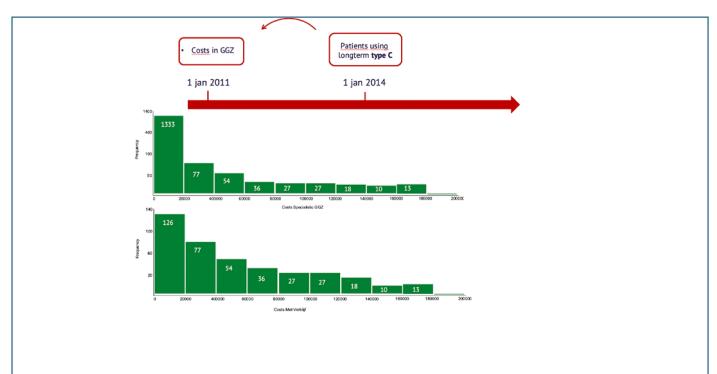
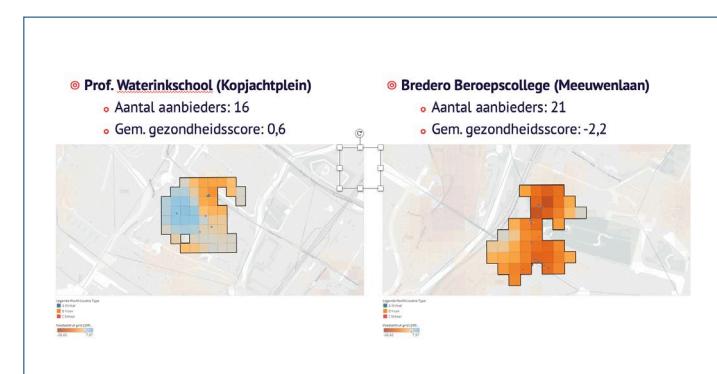
H-TEAM (HIV Transmission Elimination AMsterdam)



Dolce Vita

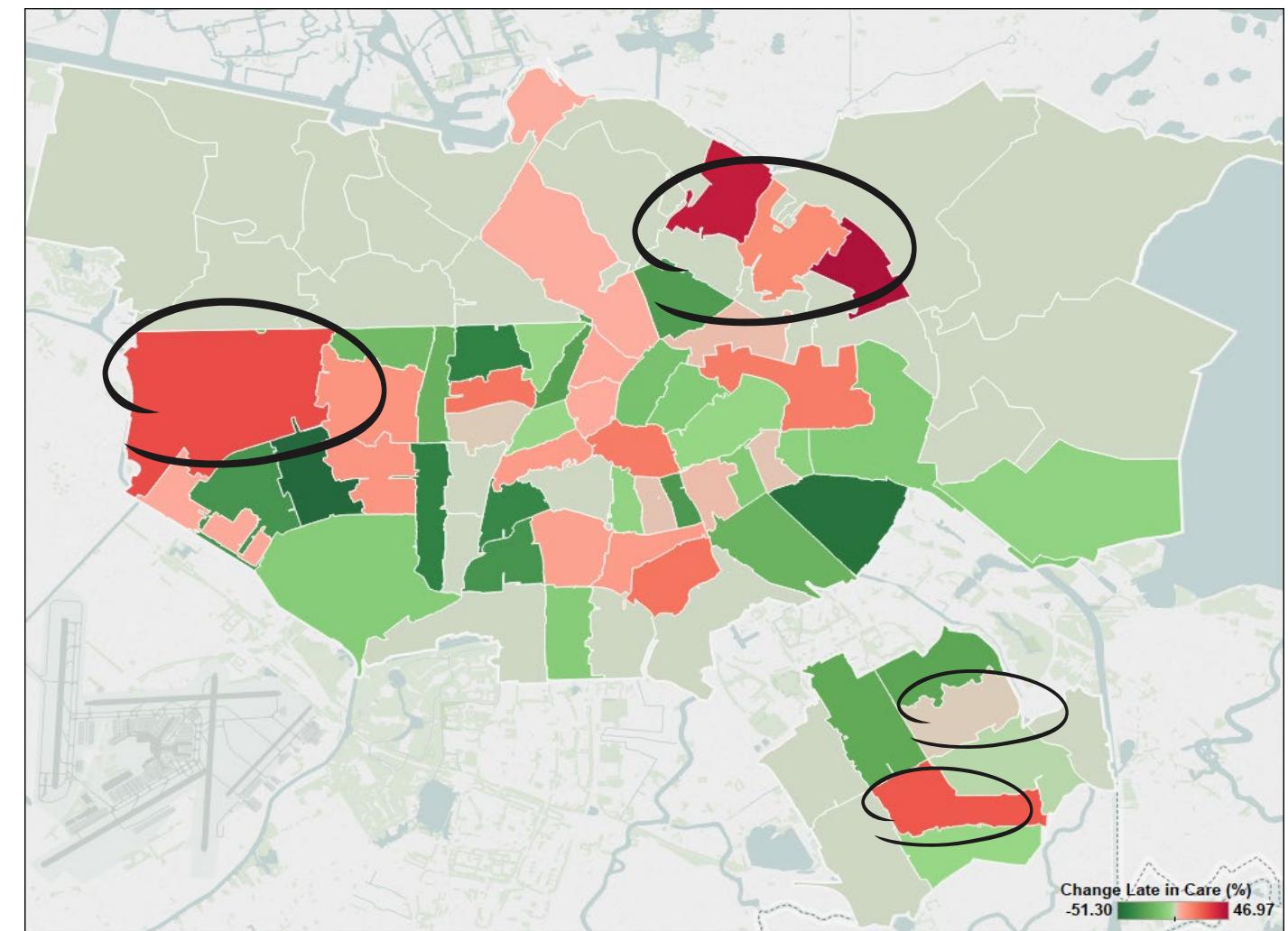
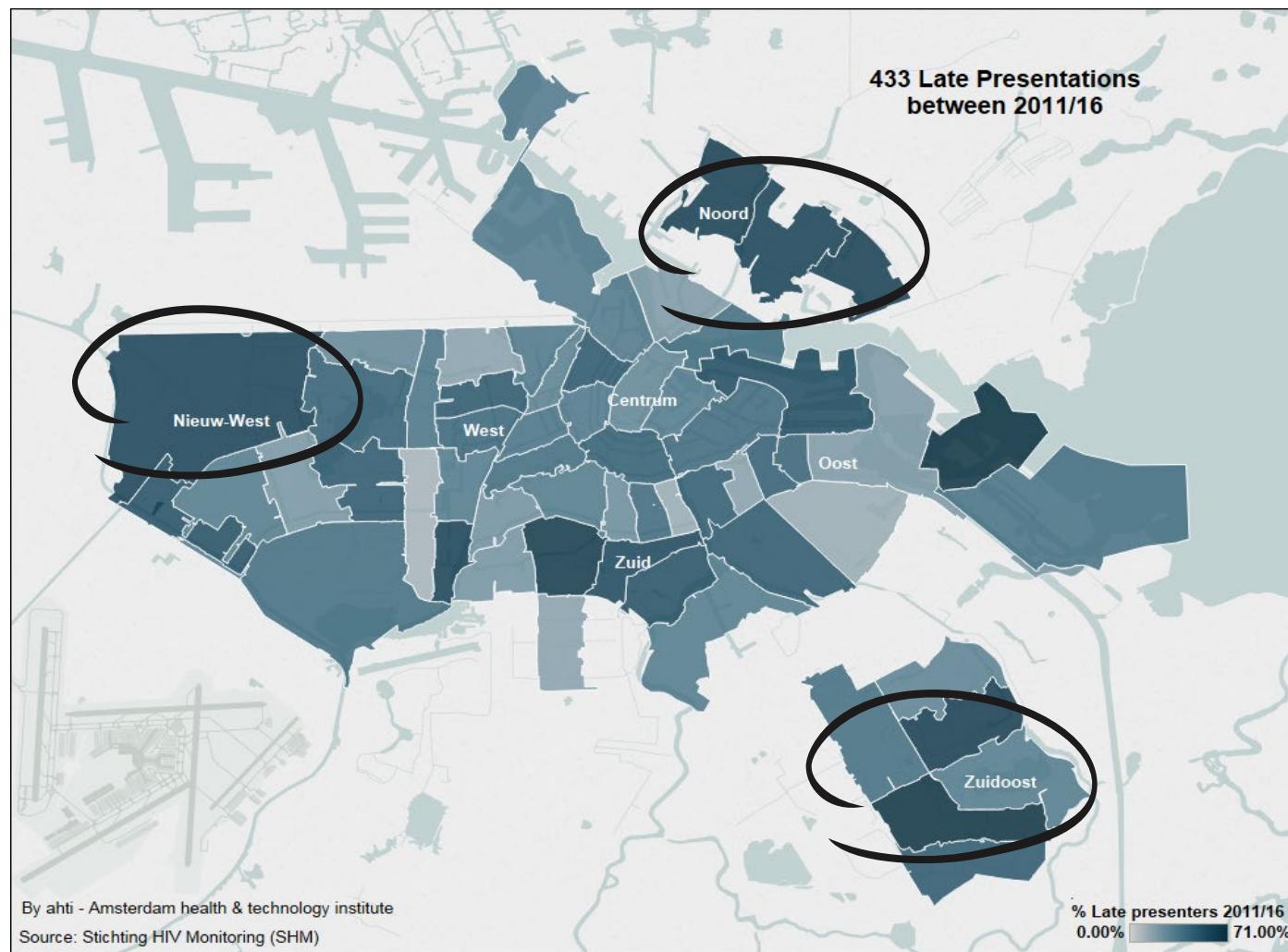


DHoTS



Example: identification of populations-at-risk of HIV (I)

Population policy to population interventions

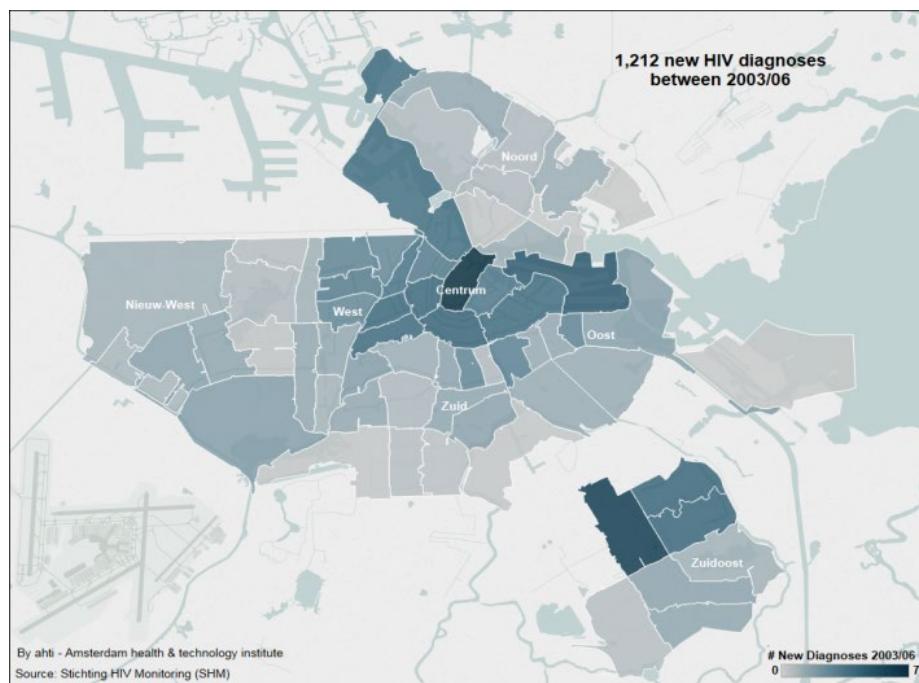


* Late presentation: CD4 cell count <350

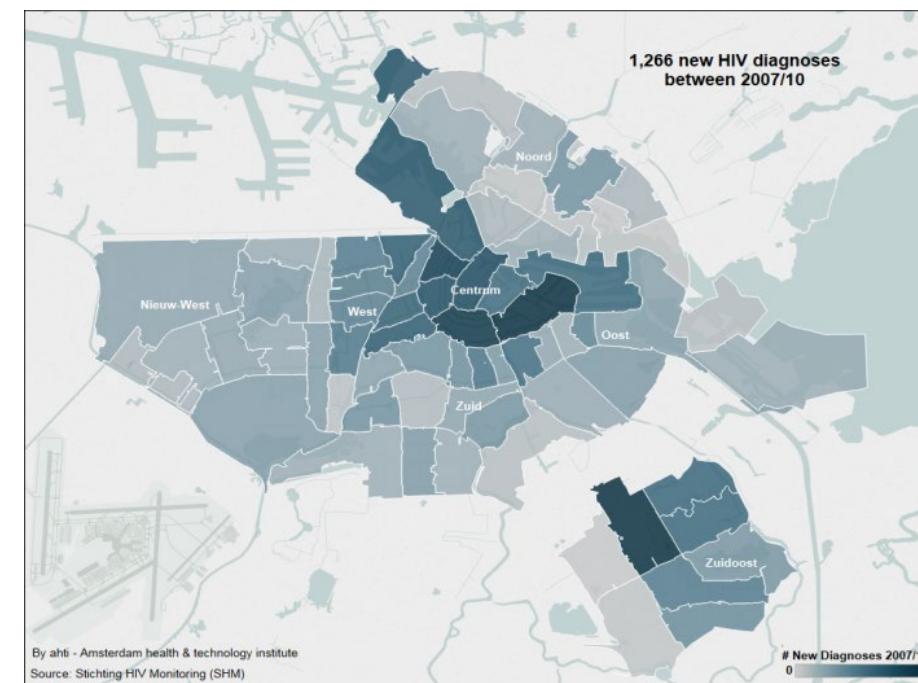
Example: identification of populations-at-risk of HIV (II)

Population policy to population interventions

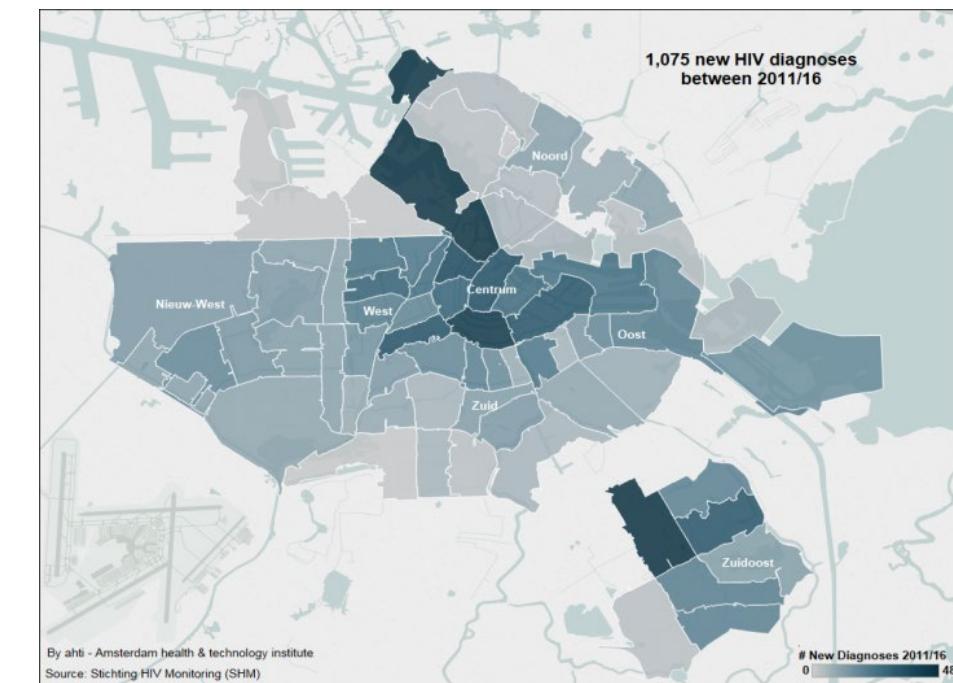
2003/06



2007/10



2011/16



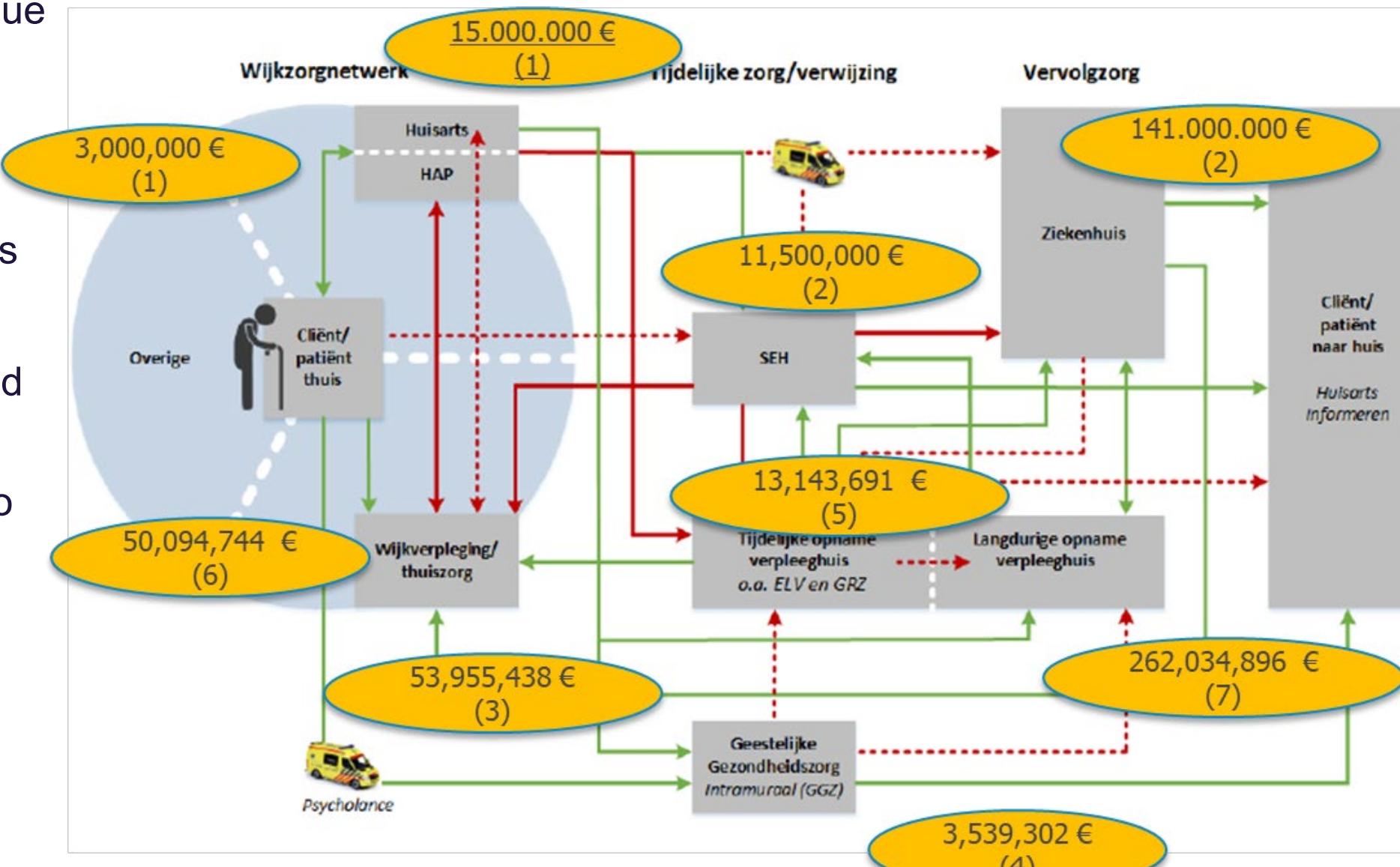
Dolce Vita

Context

- Mismatch in system of acute geriatric care, due to several bottlenecks
- Transition between care providers
- Lack of insight in demand and supply;
- Lack of system-level coordination possibilities

Ahti

- Build an innovative data model, based on real-world data:
 - Providing better insight and transparency into system's dynamics and efficiencies;
 - Generating what-if scenario's to predict and anticipate to changes in the system;
 - Supporting improved joint-decision making



Bron: SIGRA 2017 +Vektis 2015, Kosten 75+-ers in Amsterdam



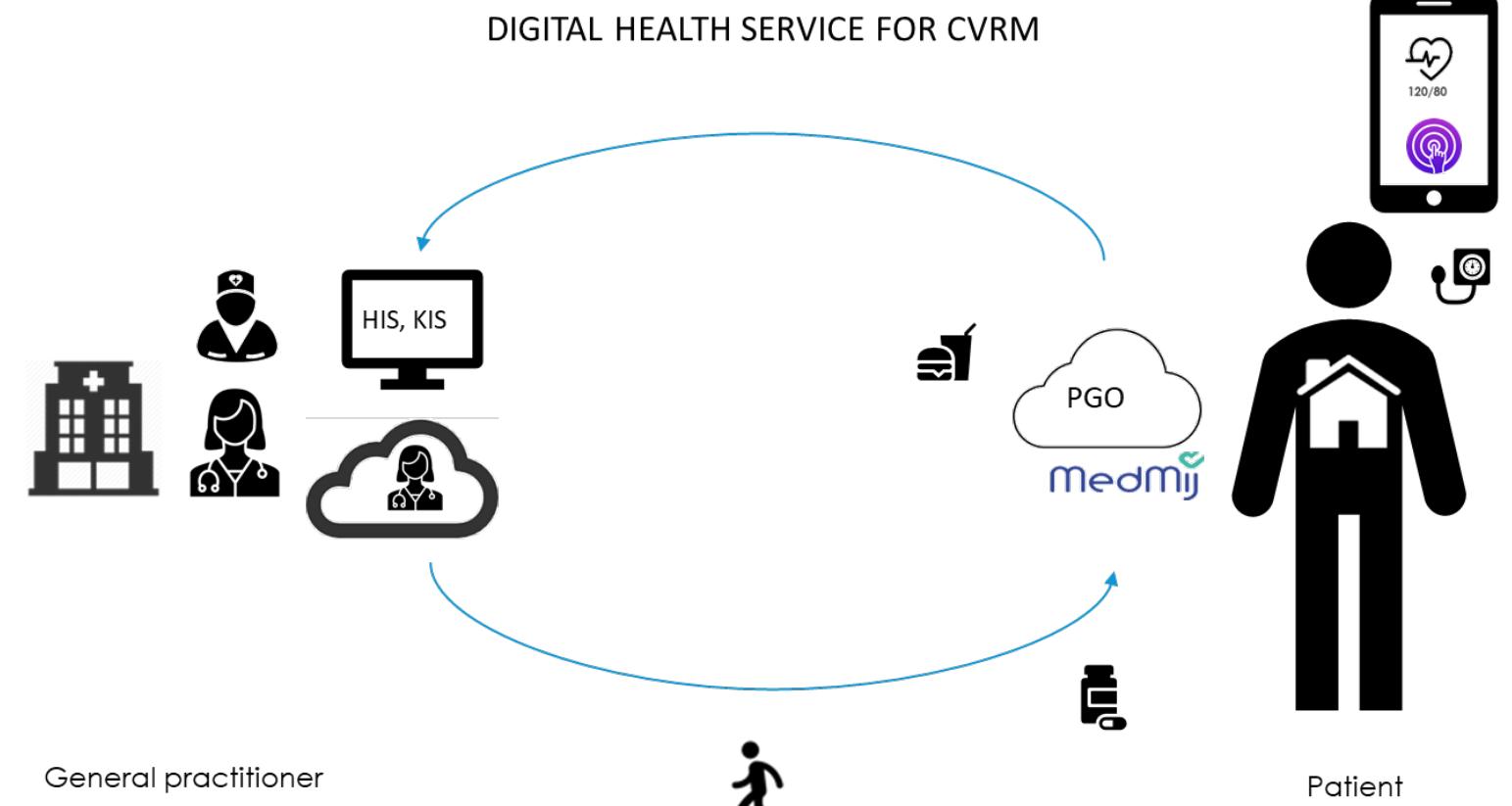
DHoTS: Digital Health from Technology to Services

Context:

- ① Hypertension (high blood pressure) is the biggest risk factor for development of CVDs.
- ② The general practitioner is the first care taker and contact person for hypertension in the CVRM care chain in the Netherlands.

Project:

- ① We integrate a self-management tool for hypertension patients into the care practice and digital environment of the general practitioner
- ② To ensure embedding of this service in the overall care process, we will additionally realize a Digital Health Platform that incorporates the operational-financial and technical sides of the digital CVRM care service and supports its future expansion to other care domains





Questions?

Program (II)

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Startupbootcamp



WE EMPOWER INNOVATORS

[Innoleaps.com](http://innoleaps.com) | startupbootcamp.org | thetalentinstitute.nl

Creating Innovation Ecosystems



Startupbootcamp

the > talent >
institute >

Startupbootcamp
**BY THE
NUMBERS**

3rd

Largest Global Accelerator

Launched in
2010

Average funding
€1.17M

831

Startups

86

Cohorts

64%

Graduated Funded

3510

Jobs Created

Each year:

100K

Startups Analyzed

20K

startup and scale-up program applications

395

Scouting events worldwide

78%

Of alumni still active

30%

Female Founders



Amsterdam

Barcelona

Berlin

Mexico City

Melbourne

Mumbai

Chengdu

San Francisco

Building ecosystems in cities all over the world

Istanbul

London

Singapore

Miami

New York

Rome

Cape Town

Dubai





Partners Span the Globe

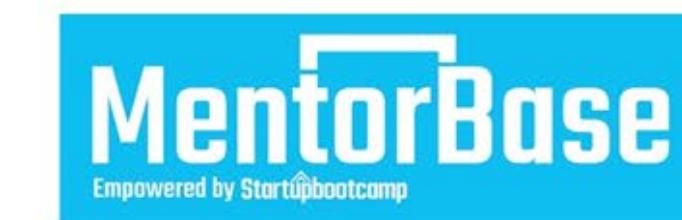


HealthInc
empowering entrepreneurs in health

Startupbootcamp



PARTNERS



Ministerie van Volksgezondheid,
Welzijn en Sport



the > talent >
institute >

FIRM 24

CLASS OF 2020



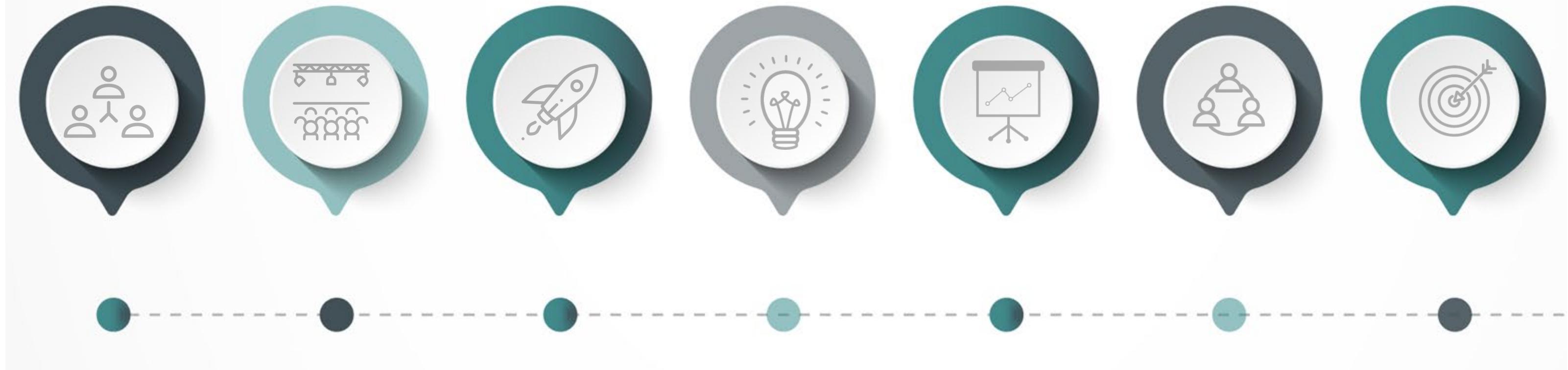
APEXQUBIT



MEDICPAD



Timeline Startups HealthInc 2020



Scouting

**Selection
Days**

**Program
Kick-off**

**Investors
Sneak
Preview**

**Client &
Partners Sneak
Preview**

Meet the VC

**Demo
Day**
22 April
2020