

Seminar

Dutch Health System & Integrated Approches

Prof. dr. Nico L.U. van Meeteren
Executive Director and Secretary General
Topsector Life Sciencs and Health

www.health-holland.com
[@HealthHolland](https://twitter.com/HealthHolland)

Seminar Program

Part I

- Welcome
 - Introduction to Seminar
 - ZonMw Research Projects & Finance for PPPs Brazil-the Netherlands
 - National Science Agenda (NWA): a multidisciplinary approach
 - Long Alliantie Initiative
 - Dutch Tech Center for Life Sciences on Data Sharing and Privacy in Medical Research
- Brazilian – Dutch Dialogue
 - Transparency and choices of citizens
- Break

Seminar Program

Part II

- To be continued with:
 - Showcase Van 't Hof Programme TNO
 - New Concepts for Research in Elderly Care and Healthy Ageing
- “Brazilian Challenges” and “Routes for Cooperation”
- Recap & Brazilian – Dutch Dialogue: “Next Steps?”

...off to the Welcome Dinner ...

On-going

2011:

- MoU MCTI-EZ & OCW including priority Health

2012:

- FAPESP-NWO

2016:

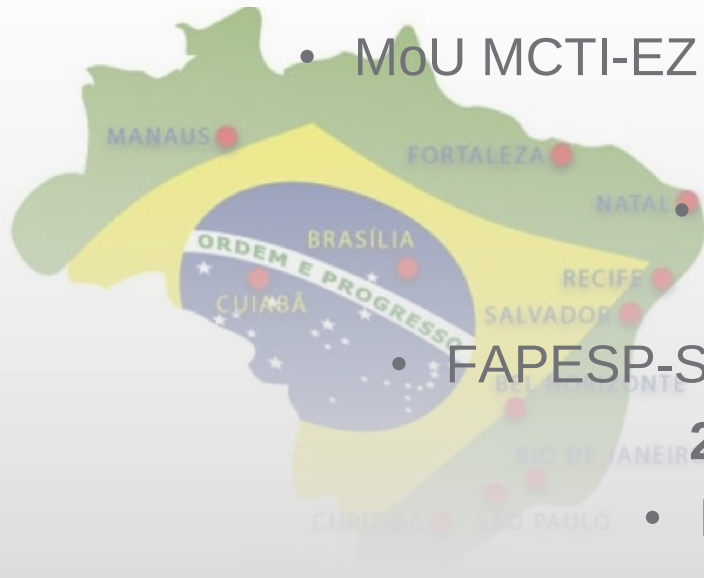
- FAPESP-SIA: Sport and Healthy Living

21st June 2016:

- MoU FINEP-RVO

2016/2017:

- “Next MoU”, including LSH



On tour



Success and change



Review

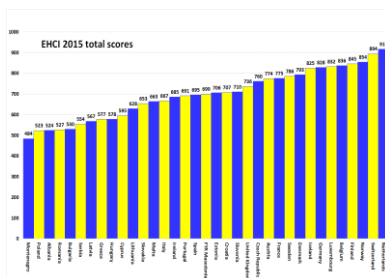
www.health-Holland.com ...



Transition and reform



Ministerie van Volksgezondheid,
Welzijn en Sport

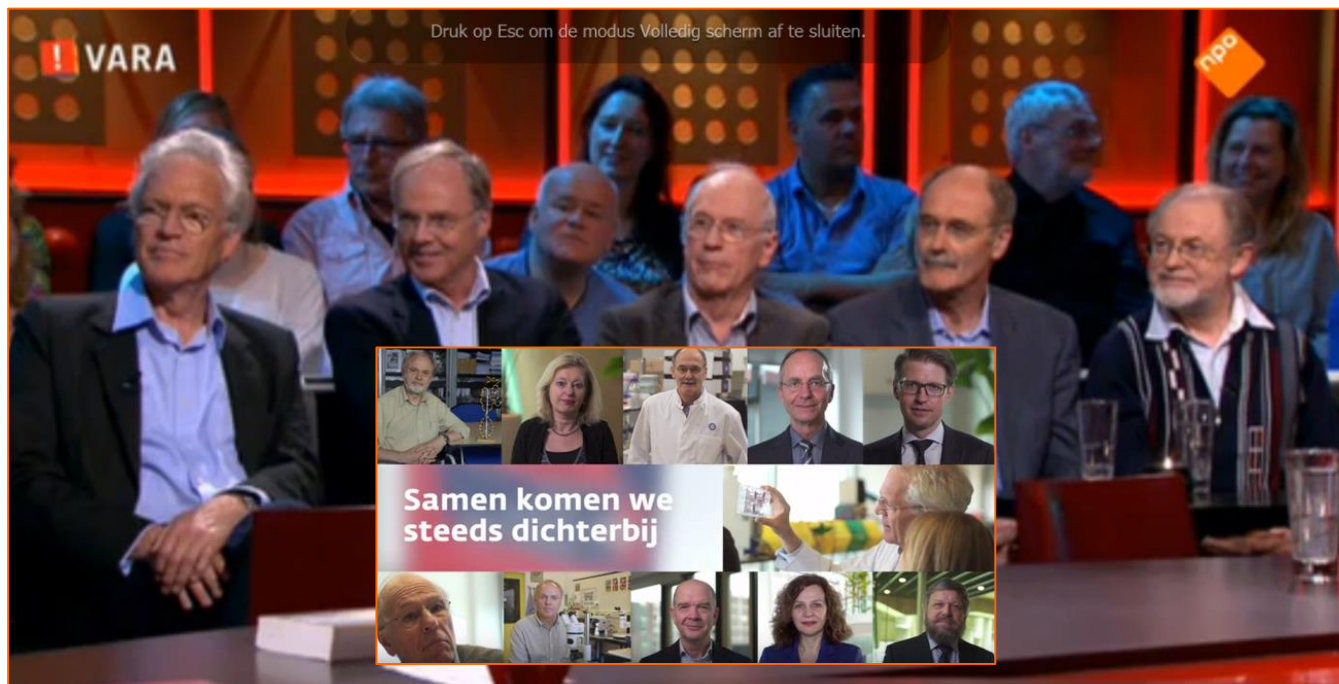


225↓

Preview 2016 ...



Example I: Alignment National



Ministerie van Economische Zaken



Ministerie van Onderwijs, Cultuur en Wetenschap



Ministerie van Volksgezondheid, Welzijn en Sport



Example II: Person's empowerment

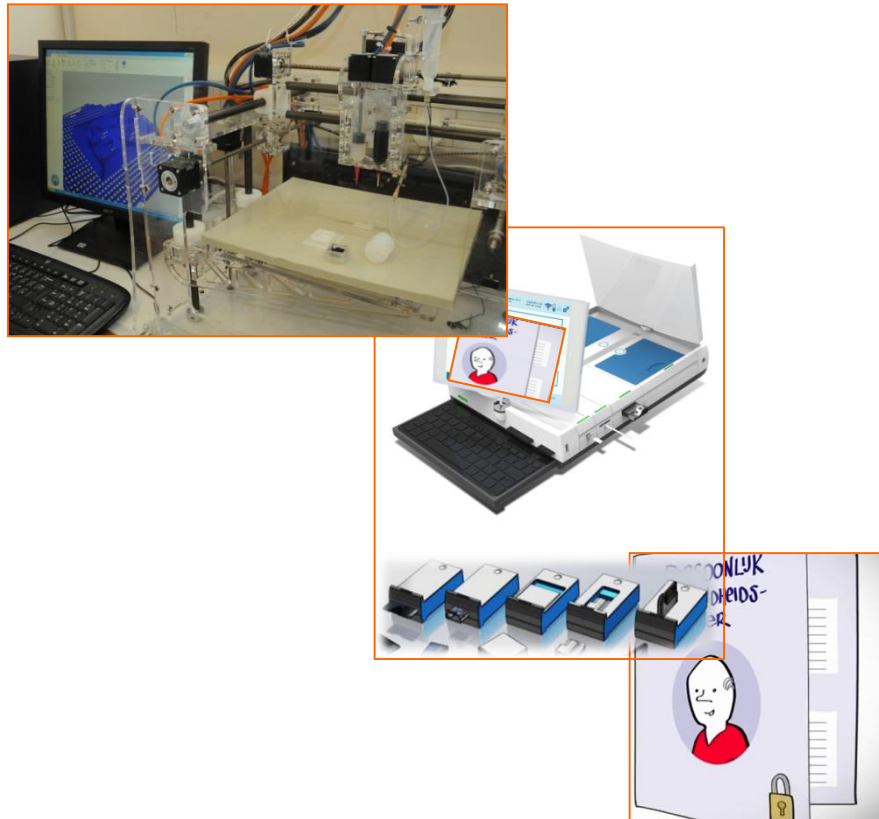
Patient ... functioning ...

700.800 (80 x 8760)

200 (80 x 2,5)

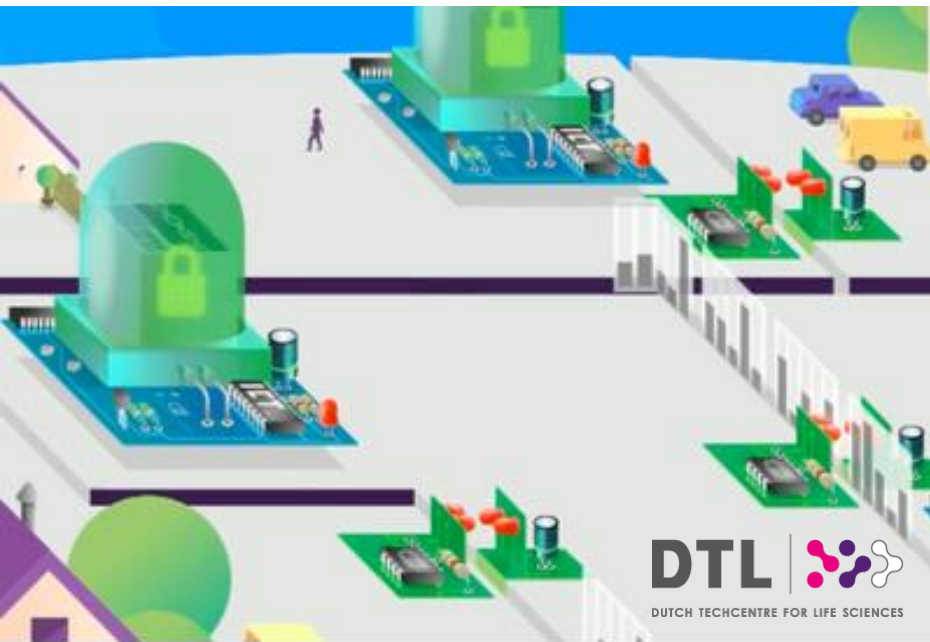


Personalized medicine in order to ... function



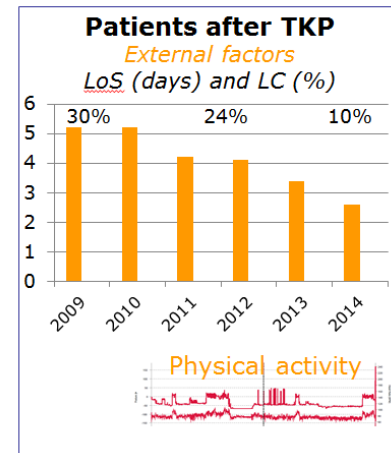
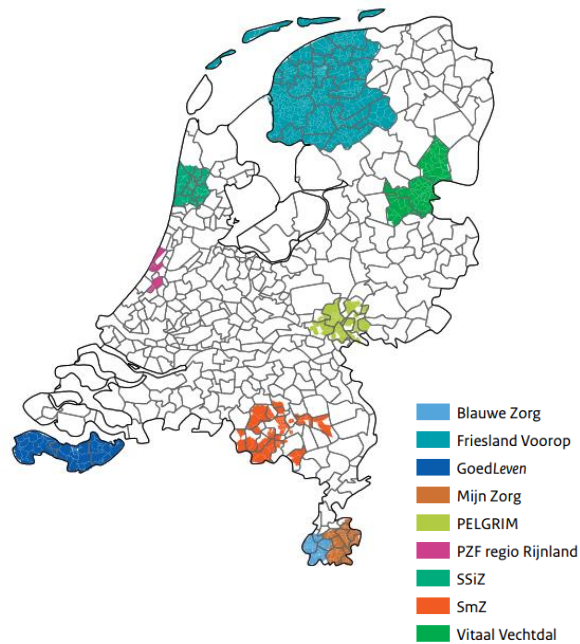
ICT and eHealth

Personal Health Train ... European Open Science Cloud ...



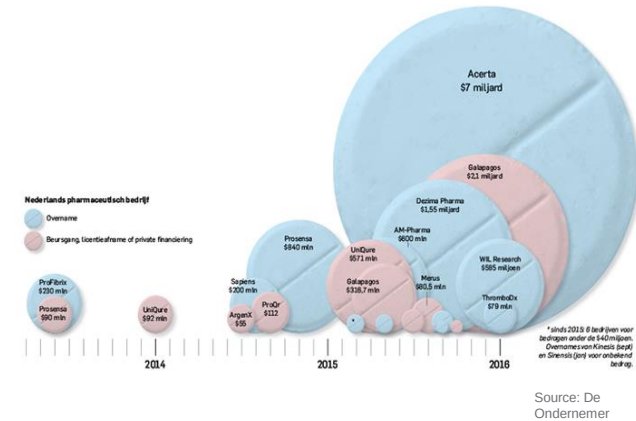
Example III: Living labs

Citizen cooperations ... Hospital reform ... Outcome based funding ...



Example IV: Life Sciences and Health Industry

Reform Knowledge and Innovation infrastructure: start ups and ROi ...



Example V: Human Capital Agenda

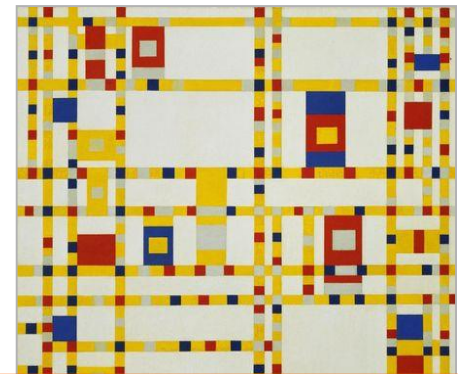
PPP-professionals ...



Regional, national, international



Dutch



“If ‘I’ is replaced by ‘we’,
even *illness* turns into *wellness*”

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Top Sector LSH



Top Sector LSH Governance and TKI-Office



Connect, support ... enrich ...



Enrich



- Communication
 - Toolbox
 - <http://www.health-holland.com/publications/communication-toolkit>
- Finance SMEs
 - MIT
 - <http://www.rvo.nl/subsidies-regelingen/mkb-innovatiestimulering-regio-en-topsectoren-mit>
- Calls
 - Health Foundations and SMEs
 - <http://www.health-holland.com/calls>
- Webinar
 - Access to capital
 - <https://www.onlineseminar.nl/health-holland/webinar/13014/everything-you-always-wanted-to-know-about-access-to-capital/#watch>
 - <https://www.onlineseminar.nl/health-holland/archive>

Top Sector LSH as *one* ecosystem

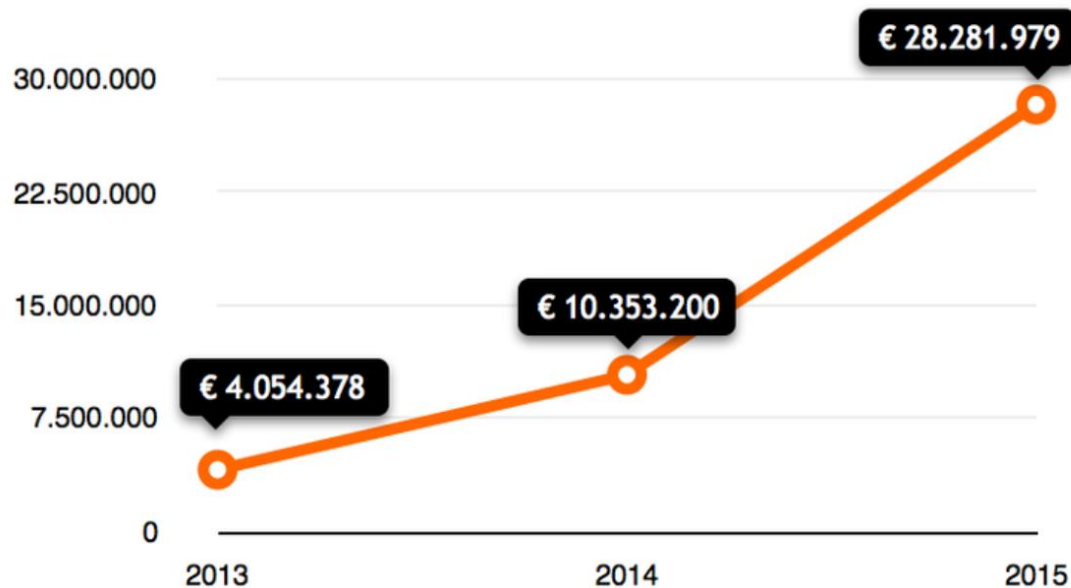




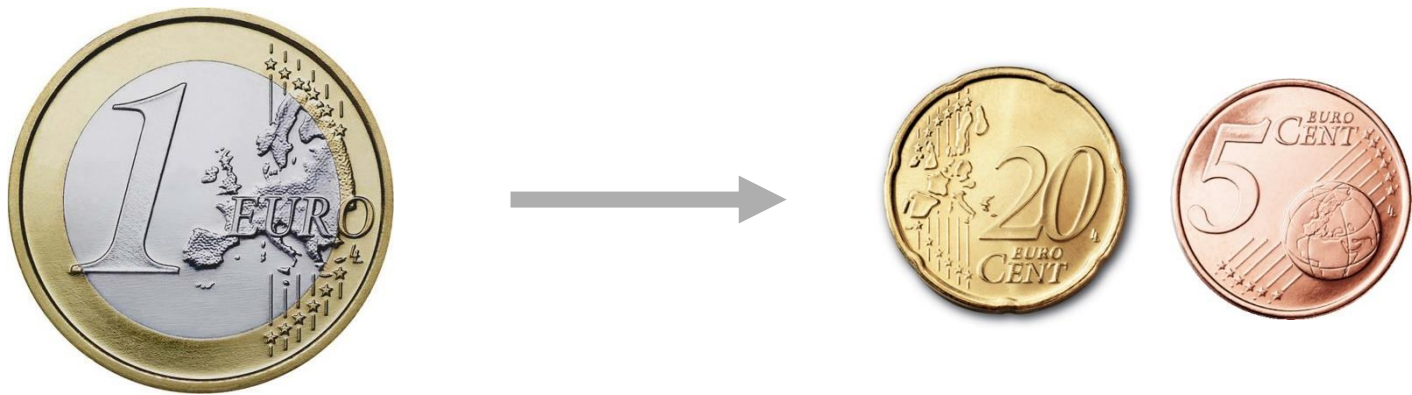
Direct

- By identifying PPPs in LSH sector, we can apply for TKI basefunding
- 2014, identification of >200 PPP's; 2015, Health Foundations
- Stimulate new innovative PPPs

TKI Allowance

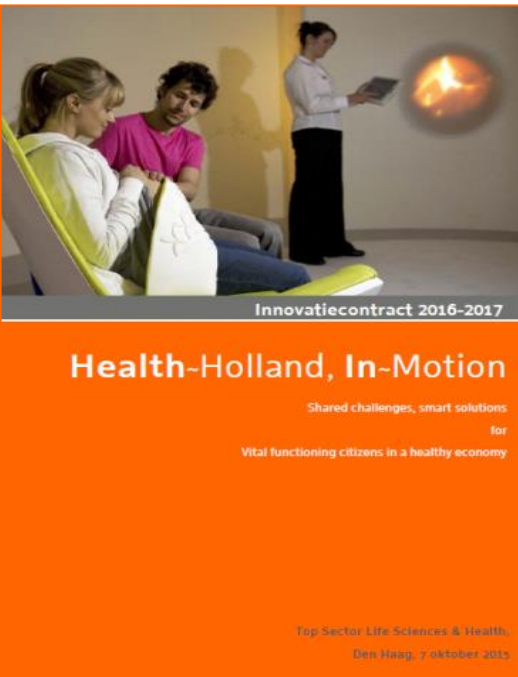


Every private euro invested in public-private partnerships is rewarded by the Dutch government with 25 cents



Strategy building

Innovation Contract 2016-2017: Alignment ...



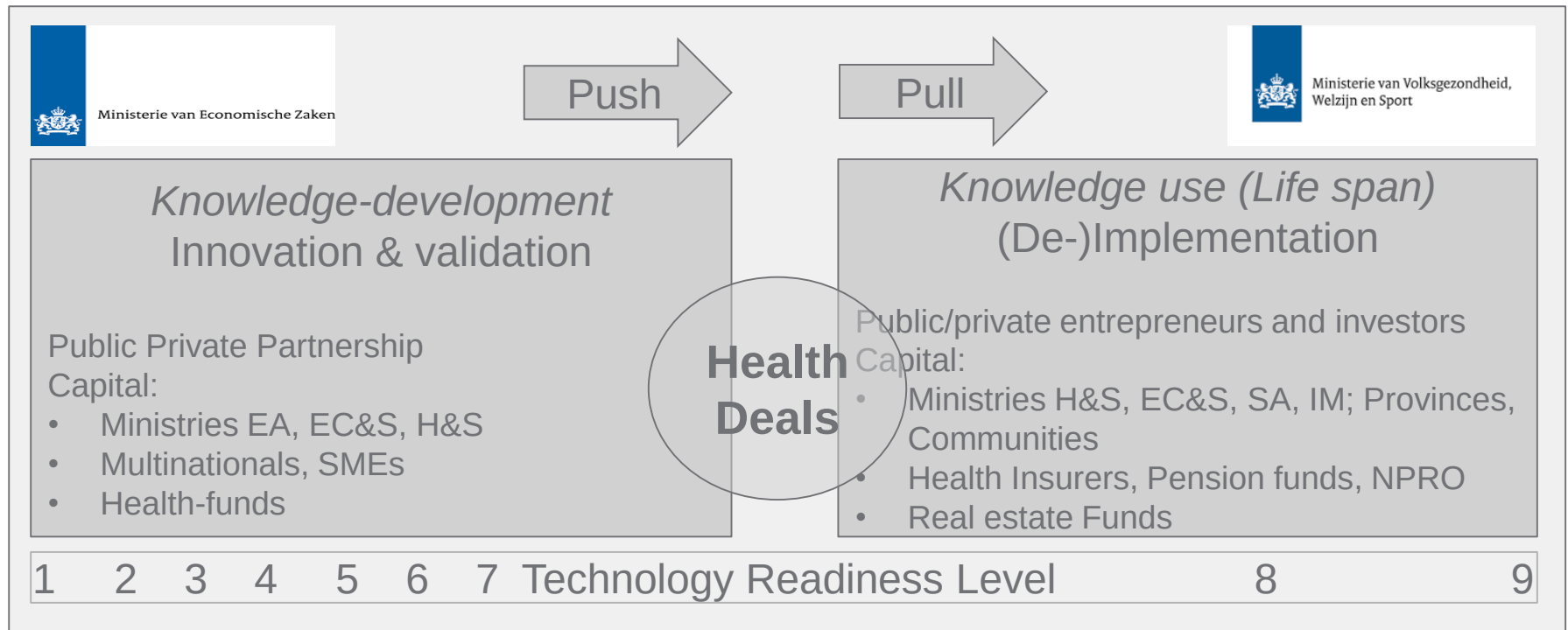
Influence ambitions

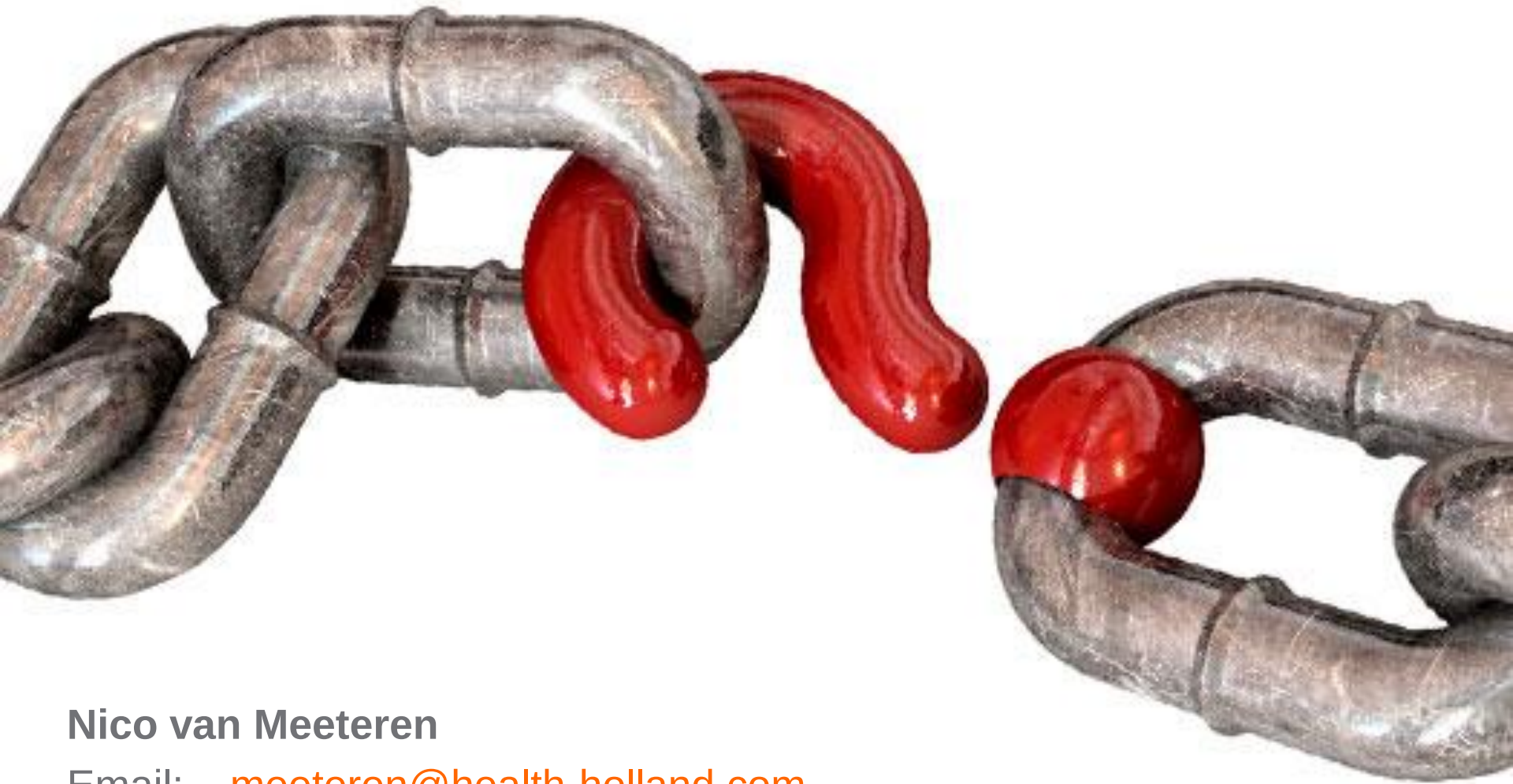


4 strategic documents



LSH Innovation and Finance Ecosystem





Nico van Meeteren

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Follow us on Twitter: [@HealthHolland](https://twitter.com/HealthHolland)

**3 redenen voor het Nederlandse
biotechsucces**
NRCQ 10 februari 2016

**AbbVie haalt met biotechbedrijf
meteen een kaskraker in huis**
FD 6 maart 2015

**16 miljoen euro voor aanpak
antibioticaresistentie**
AD 4 februari 2016

**'We gaan ooit de oorlog tegen
kanker winnen'**
Hans Clevers, FD 15 januari 2016

Dutch Life Sciences & Health sector

Megaklapper in biotech
Pfizer betaalt \$600 miljoen voor Bunnikse medicijnmaker
Telegraaf 12 mei 2015

Veel nieuwe Brabantse banen door
buitenlandse bedrijven
FD 27 januari 2016

**'Nederlandse gezondheidszorg
opnieuw de beste'**
NOS 27 januari 2016

A concentrated 'aligned' cluster



Coalition formation
with fellow Dutch
Top Sectors

THE NETHERLANDS

The world's most concentrated life sciences cluster

- Influence
- Enrich
- Manage



1200 biotech companies
35 research institutes
8 universities



69 vocational education
institutes

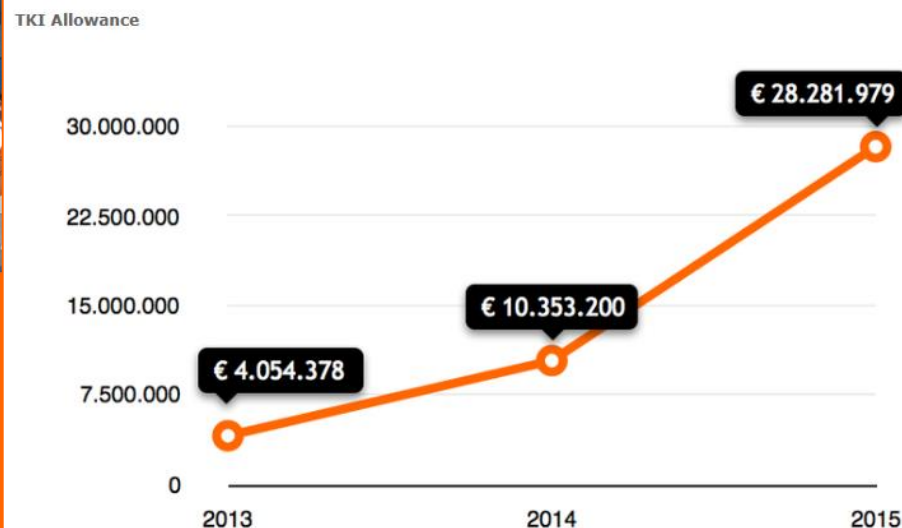
...All within a **120** mile radius!

Manage

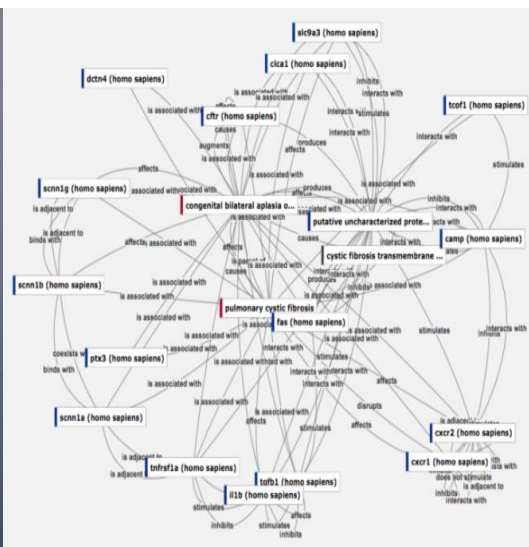
Topconsortia voor kennis en innovatie (TKI)...



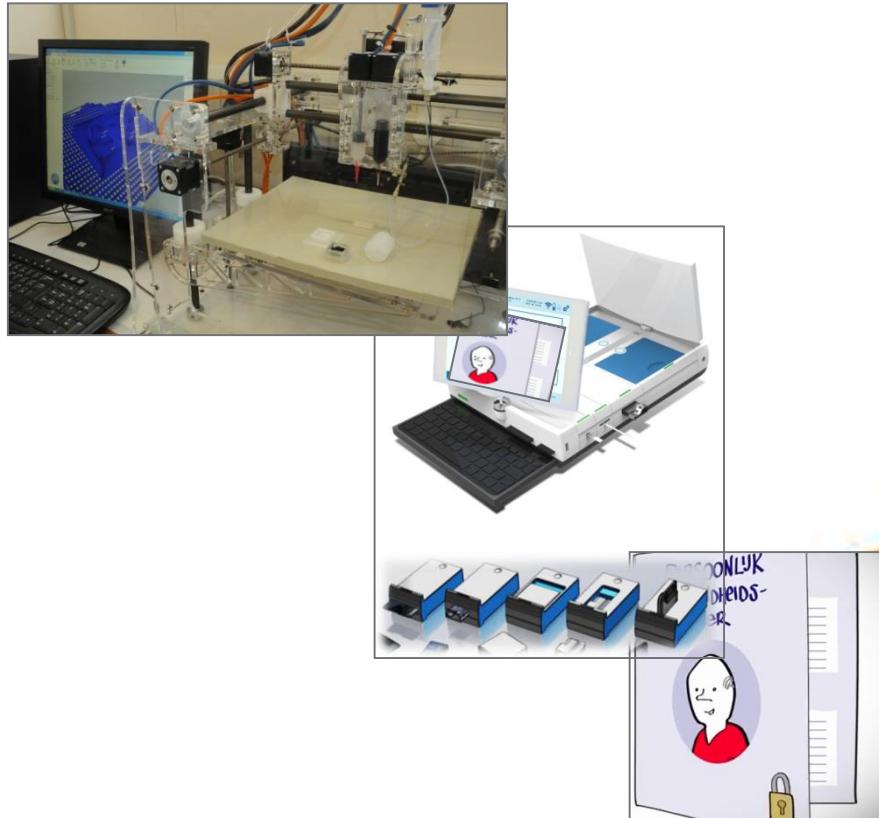
Buildup of Financial
potential of LSH



A portrait photograph of Prof. Dr. Gert H. W. van den Brink. He is a middle-aged man with thinning grey hair, wearing glasses and a grey blazer over a dark shirt. The background is a blurred green pattern.



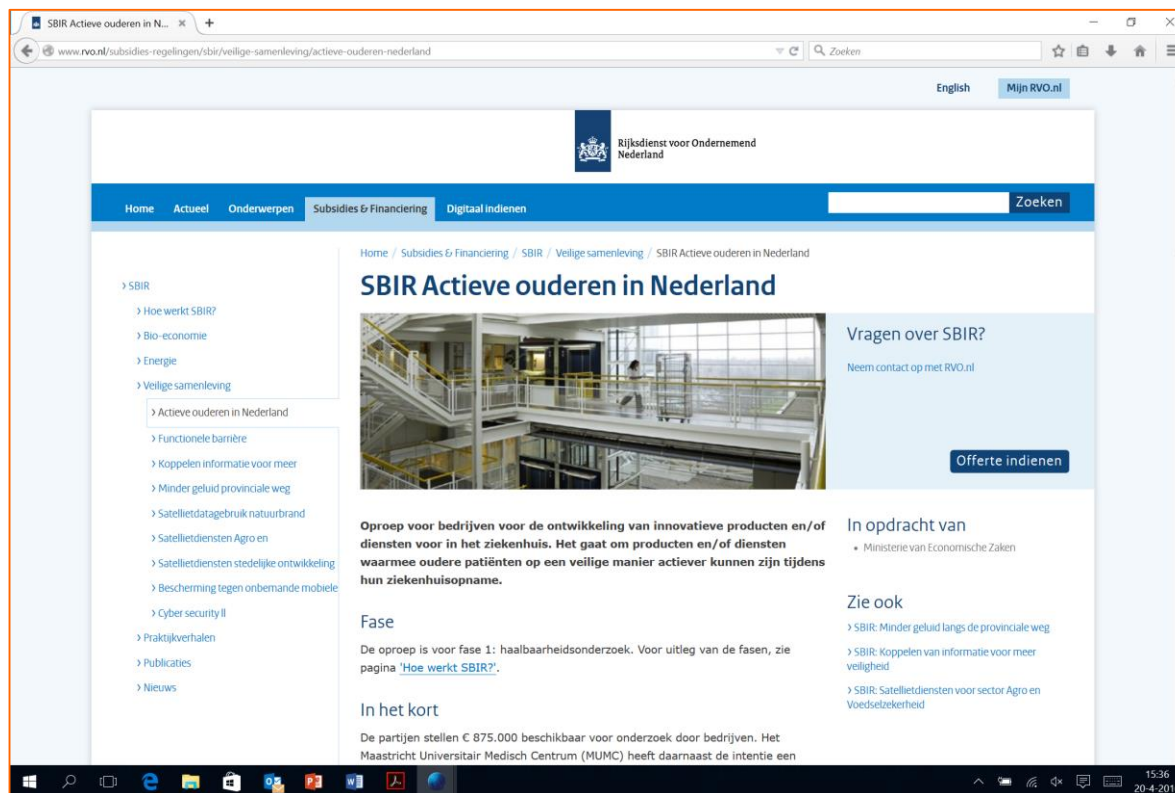
Innovation Institutional cooperation



Innovation Finance



Buildup of Financial
potential of LSH



Alignment



4 strategic documents



“If ‘I’ is replaced by ‘we’,
even *illness* turns into *wellness*”

LSH HCA

Preliminair advies ...



**Geri Bonhof
Willemijn van Gastel
Agaath Sluiter
Mirjam Korstanje**

H C A
uman apital genda

- Life Sciences:
 - **Maatschappelijk & economisch rendement: ook met/voor/door ondernemers**
 - Strategisch:
 - Aansluiten bij bioscience park
 - Inhoudelijk:
 - Bio-informatica
 - Big Data en FAIR
 - Ondernemerschap
- Health:
 - Strategisch:
 - Bezie regiobehoefte
 - Inhoudelijk:
 - Innovatieconcepten, diensten en producten