Gerontechnology in Dementia Care

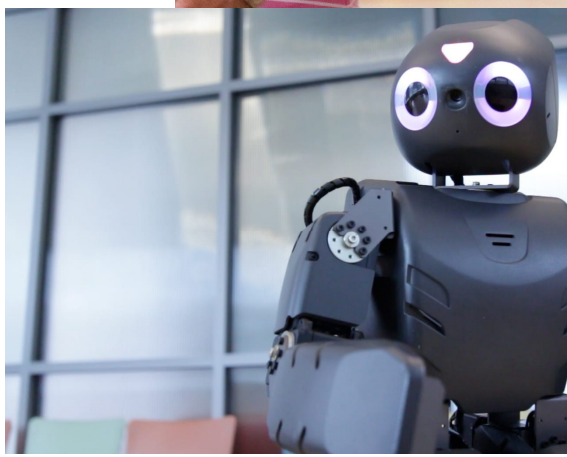
Solution "market failure- and togetherness Israel and the Netherlands"

Dutch Israeli Mini-Symposium on AI and Dementia – December 22, 2021

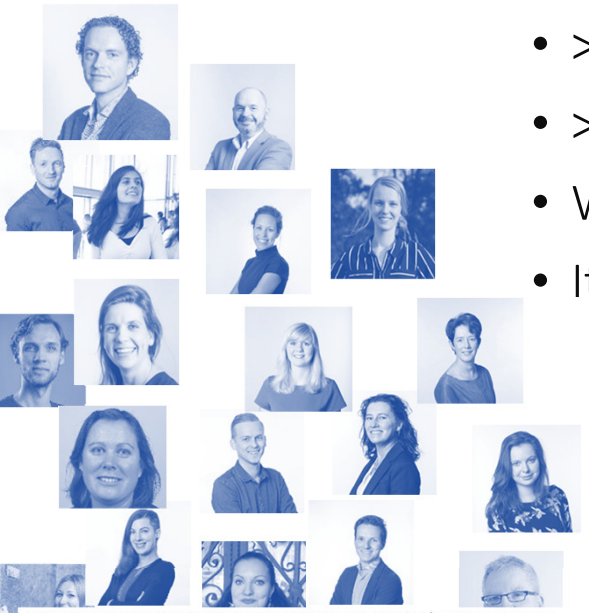
Dr. Henk Herman Nap

Vilans

TU/e EINDHOVEN UNIVERSITY OF TECHNOLOGY

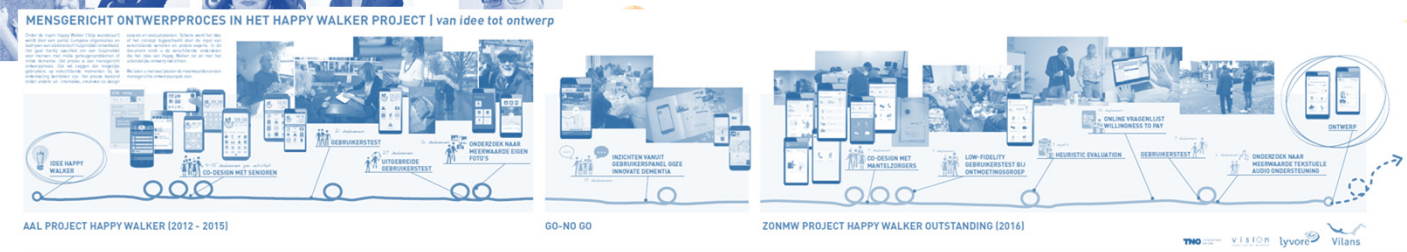


People & Projects



- >43 (inter)nationale projects on digital care
- >40 Vilans colleagues working on digital care projects
- Work with >120 other organizations
- Iterative co-design, value based & datadriven care!

Give an impulse to knowledge on the implementation of technology in care and support!



Vilans

POSTHCARD

eWare
Early Warning Accompanies Robotics Excellence

Free Walker

GUARDIAN
The social robot companion to support homecare nurses

HAAL

AAL PROGRAMME

RESILIEN-T

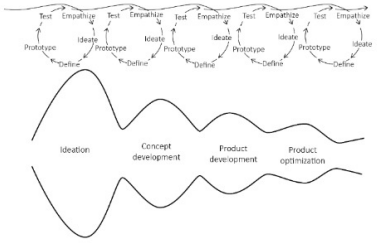
2019-2021
Challenge Verpleeghuizen van de Toekomst

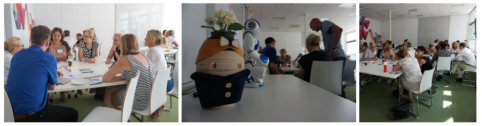
Innovatie-impuls

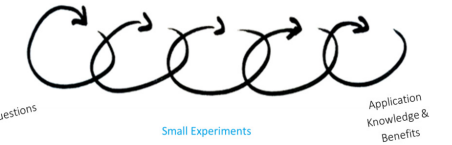
ANDERS WERKEN in de zorg

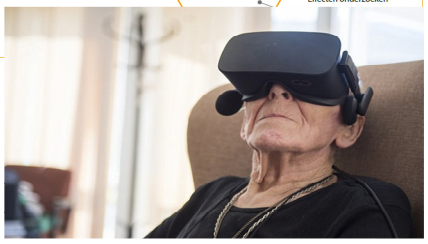
Our vision on digital care

- End-users as a crucial success factor in design and implementation
- Technology should add value to the lives of people
- Care processes should be supported by integrated digital data & precision health

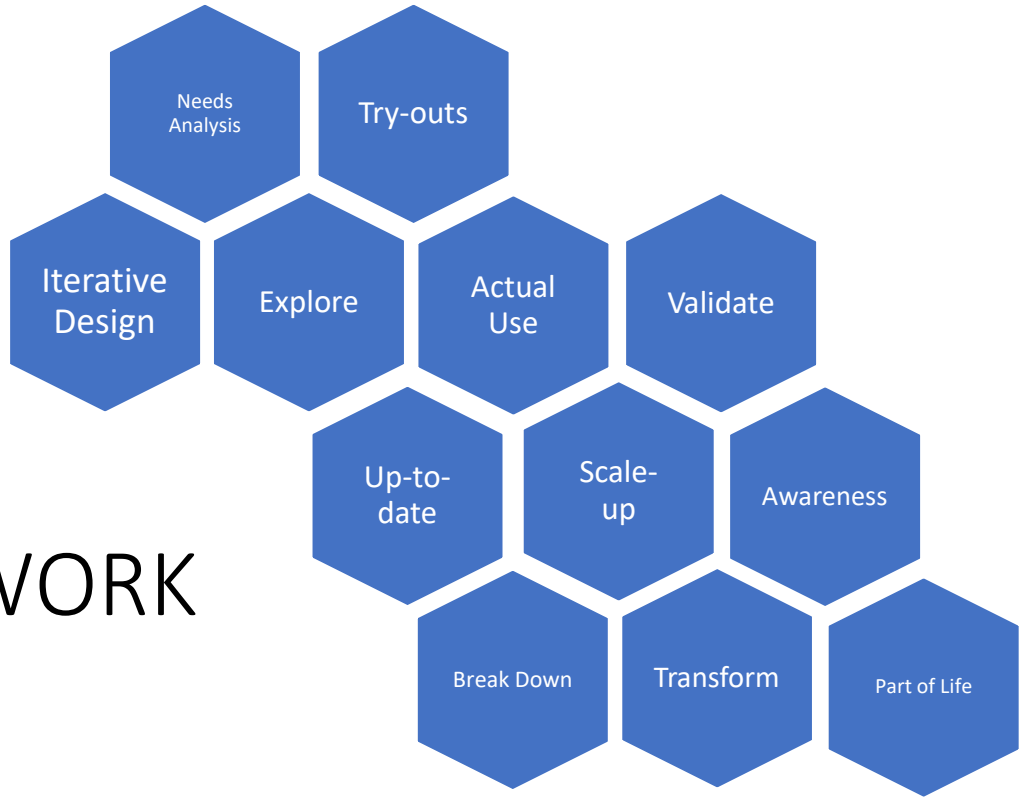








THE WAY WE WORK

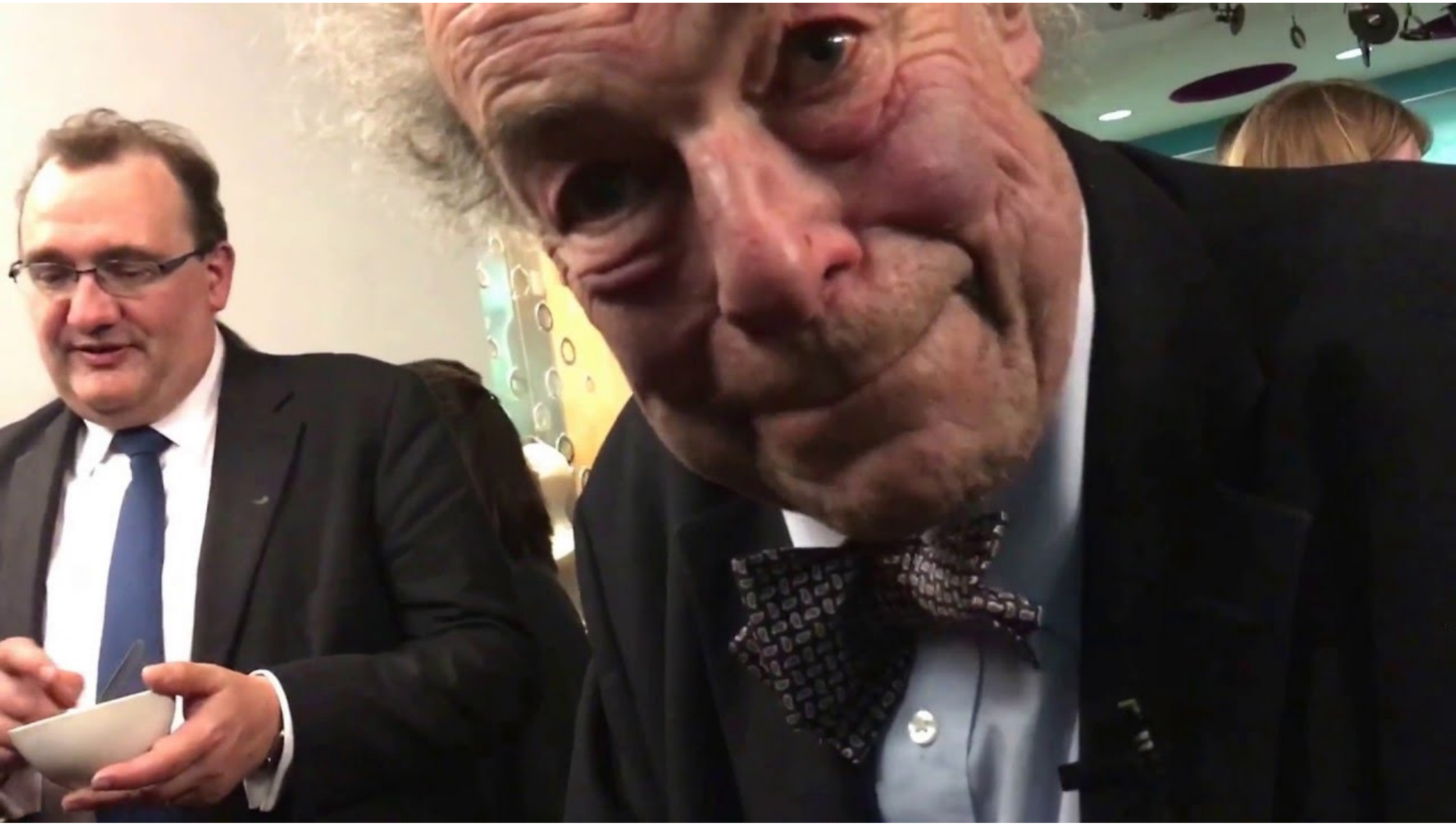


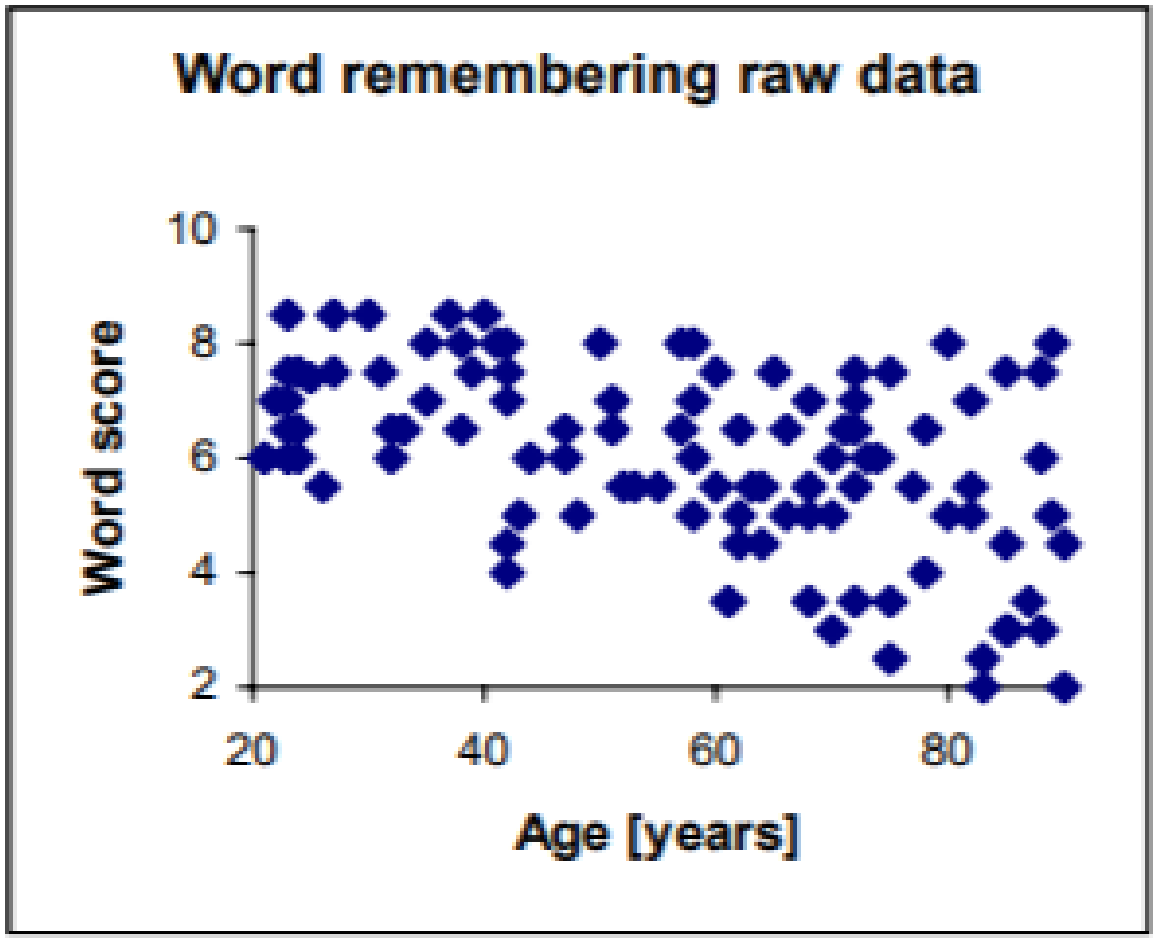
100% predictability = 0% innovation

Value delivery > Plan fulfilment

FESTIVAL
2017

NEW YORK CITY




Word remembering raw data
Word score
10
8
6
4
2
20
40
60
80
Age [years]

TECHNOLOGY GENERATIONS

URGENCY

100.000 nurses are needed
"It is five to twelve...If we do not act, then clients will not receive the care they need. (V&VN, 2016)
do not work in a care home
liever niet in
25-10-2016, 20:36 BINNENLAND, POLITIEK
0
1960
1965
1970
1975
1980
1985
1990
1995
2000
visualcapitalist.com
World Bank, 2016

Opportunities

- Independent living
- Silver economy
- Eco-systems approach
- Support dementia client journey
- Value-based care solutions
- Informal carers working live
- Work efficiency of formal carers