

# Innovate Dementia

Shaping the future for people living with dementia

**Marcel de Pender**

14 May 2014

Dementia: Self sustaining Communities



Innovate  
**Dementia**

# Urgency

- Ageing of population in North West Europe
- Increased people living with dementia
- Rising economic pressures of traditional models of support and associated costs which is unsustainable.
- Developing viable alternatives to care home admission to enable persons living with dementia to stay in their homes longer. Different EU experiences can help with this.



# Urgency



**2013**  
35,6 mln



**2050**  
115,4 mln



# Urgency

- 60 % of care is provided by informal carers
- Over reliance on family carers causing both financial and emotional strain
- Current provision of professional health care providers unable to meet increasing demand
- Increasing health care costs in time of economic hardship

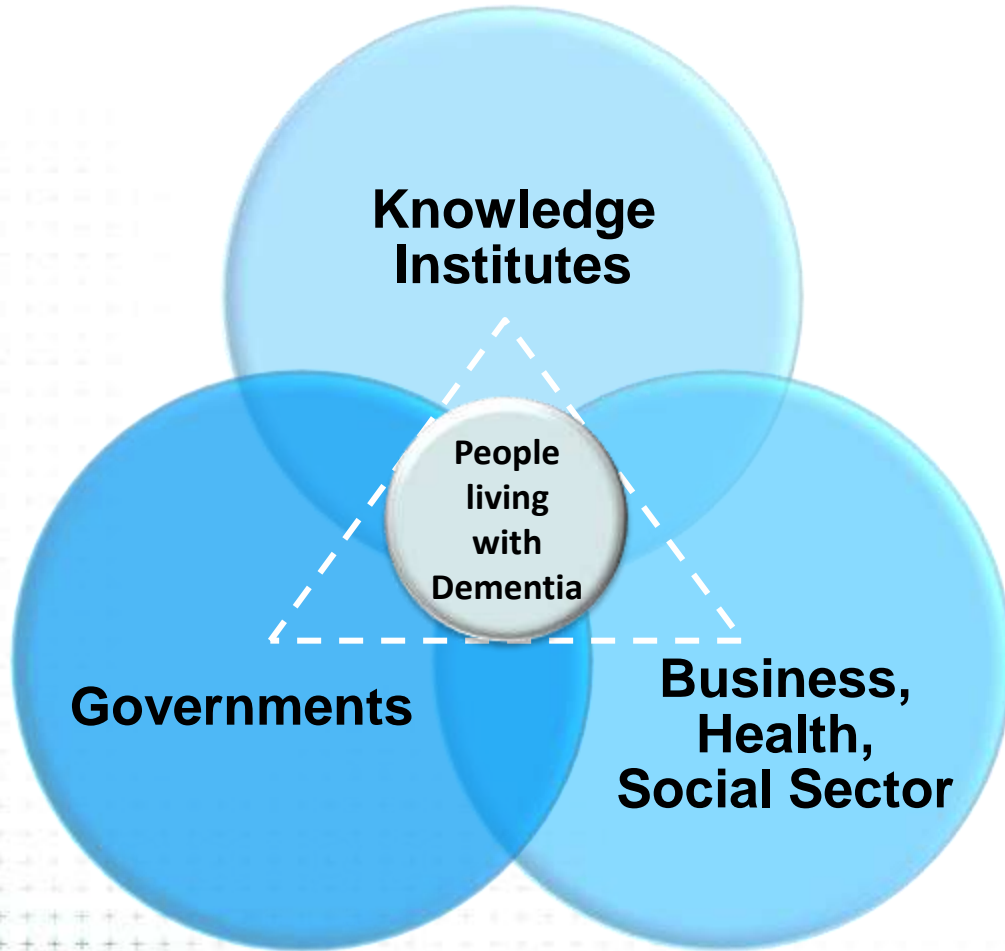


# Project Details

- Duration: April 2012 – March 2015
- 11 project partners
- Collaboration with industry
- Budget €5.484.256 - 50% ERDF Funding
- European 'Interreg IVB' program



# Challenge



How to make health care in the future affordable and accessible to support an increasing demand.



Innovate  
**Dementia**

# Partners

## United Kingdom



## The Netherlands



## Germany



## Belgium



# Transnationality



United Kingdom

Liverpool

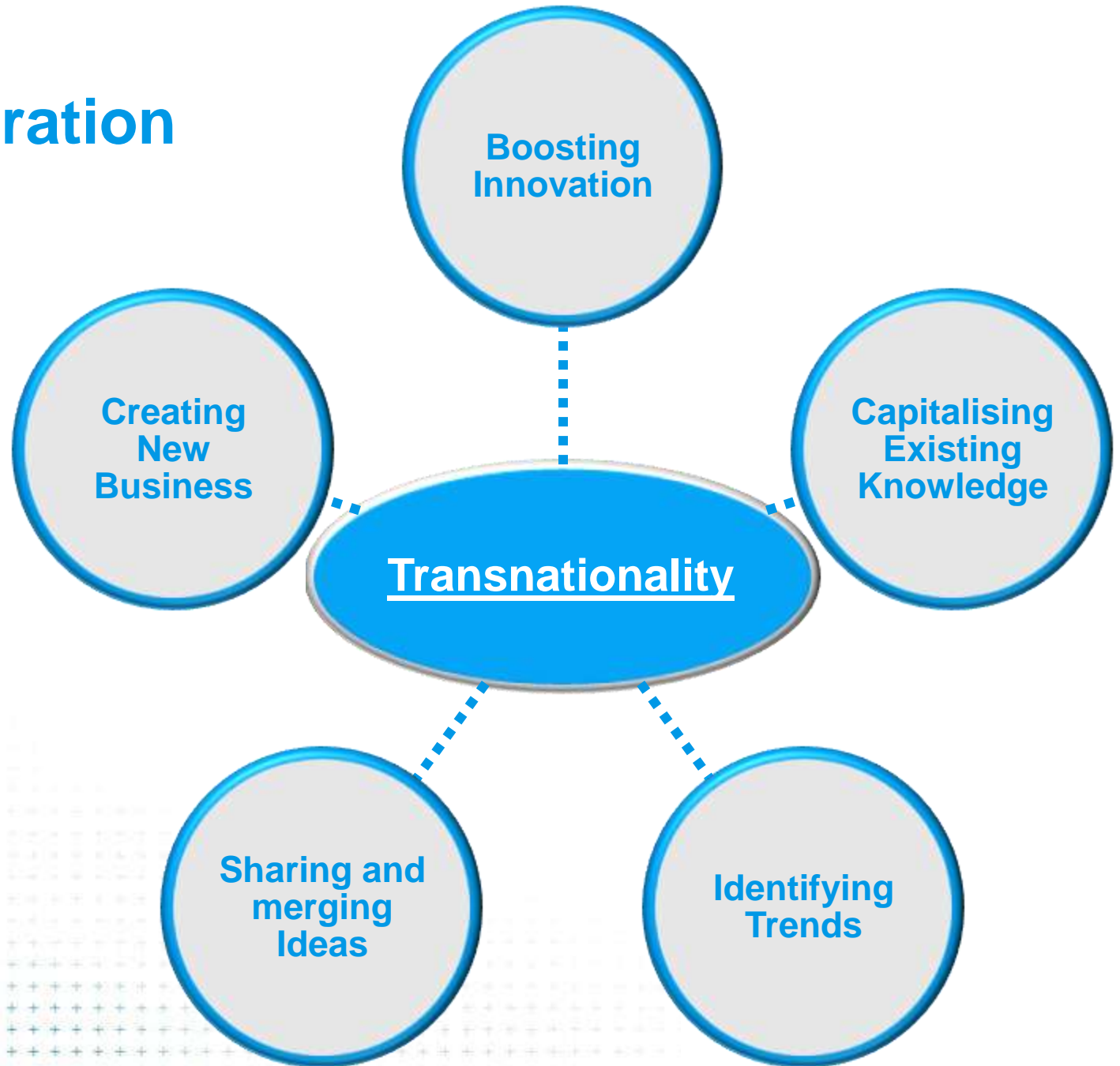
Eindhoven  
Nederland (Netherlands)

Antwerpen/  
Heusden Zolder/  
Geel/Diest  
België (Belgium)

Krefeld  
Deutschland (Germany)



# Collaboration



# What are Living Labs???

- Principles:

## Bergvall-Kåreborn & Ståhlbröst (2010)

- Continuity
- Openness
- Realism
- Empowerment of Users
- Spontaneity

## Project partners (2013)

- Pragmatic and real life methodology
- Open infrastructure
- Dynamic structure
- User driven
- Aiming at improving care



# Focus of Living Labs

1

**Intelligent  
Lighting**

2

**Nutrition  
and exercise**

3

**Living  
environment  
with social and  
aesthetic  
conditions**

4

**Models of  
assistance  
for persons  
with dementia  
and their carers**



Innovate  
**Dementia**

# Living Lab structure – User platform

Who are our users?

Persons who live with dementia and care professionals

Goal of the platform?

- Research user needs (wishes, possibilities, needs, difficulties)
- (Further)development of assistive technology
- Test and evaluate products in home environment



# Innovate Dementia LL Eindhoven

## Results 1,5 year

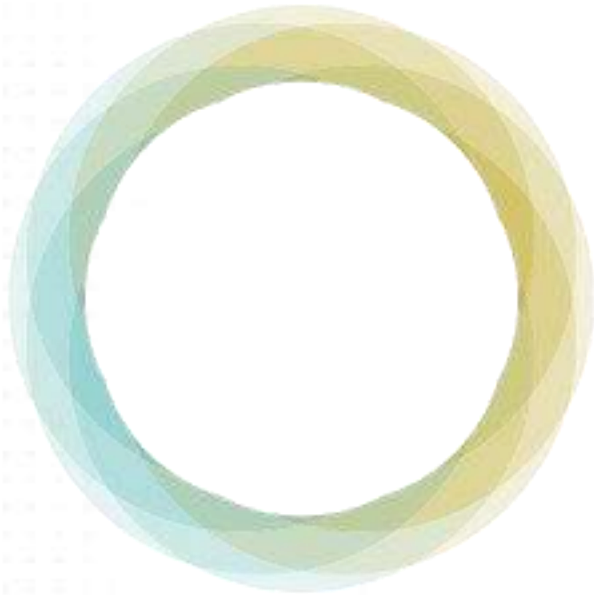
- User platform >200 participants
- Structure established to identify needs
- Created framework for structural cooperation to implement developed solutions



# Living Lab sessie - PhysiCAL



# Living Lab sessie - Vitaallicht



Vitaallicht



Innovate  
Dementia

# Living Lab sessie - GoLivePhone





# Living Lab sessie – Slimme Bedden



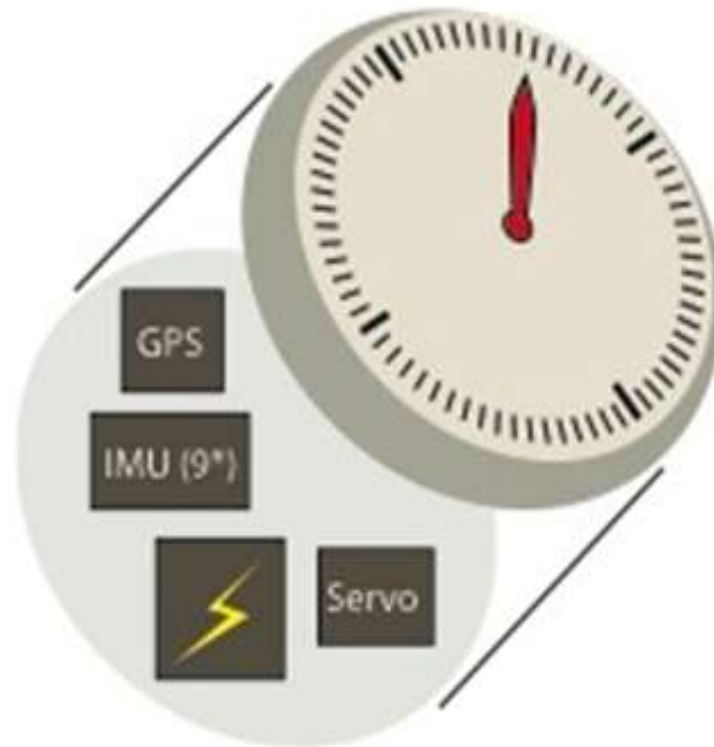
Innovate  
Dementia

# Living Lab sessie – Qwiek Play



Innovate  
Dementia

# Living Lab sessie – WelThuis Kompas



Innovate  
Dementia

# Living Lab sessie – Protac vest



# Living Lab sessie– Samen op verhaal komen

The screenshot shows a PDF viewer window with the title "Jans Jaarlijk report Innovatie Dementia 944.pdf (page 81 of 91) (3 documents, 86 total pages)". The main content is a map of a neighborhood with a red dashed route. A legend on the right side of the map provides details for the "SAMEN OP VERHAAL KOMEN" event.

**SAMEN OP VERHAAL KOMEN**

**ADRES** Grote Berg 24  
3811 XZ Elv

**HOBBY** Kampen,  
herfoc, gitaar spelen en  
schrijven

**SPORT** Geen

**WERK** Café eigenaar

**BIJWERKING** Rabatier

**WANDELTOEGANG** 25 min

**AANTAL KM** 1,40 km

**PER WEEK** 3 keer

**VOORKEURSTED**  
15:00 - 17:00

**LEGENDA**

- Thuis
- Kaak
- Café
- Wijk

# Future structure of the innovate Dementia Living Lab



## Living Lab

- Research & validation infrastructure
- Co-creation



## Consumer market

- Creating trustworthy environment for individual consumers to by products



## Shared Service Center

- Shared back office for service implementation and delivery



# Contact

- Marcel de Pebder
- Brainport Development N.V.  
[m.depender@brainportdevelopment.nl](mailto:m.depender@brainportdevelopment.nl)



**[www.innovatedementia.eu](http://www.innovatedementia.eu)**

