

# Koenraad Jacob

Head of Division for Policy Information and

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DEPARTMENT OF
CARE

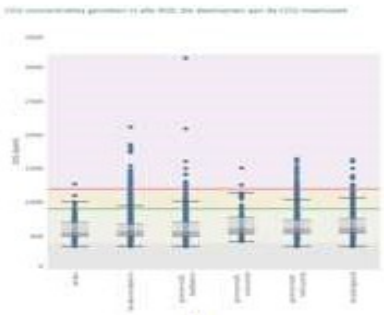
# Future ambitions in secondary use



**Koenraad Jacob**

**Head of Policy Information and Data Division**
**Department of Care**
**Government of Flanders**

Measurement of CO2 at the elderly care homes?



Publication of the causes of death




ENVIRONMENT HEALTH IMPACT SIMULATOR (E-HIS):exposure-related health cost



Automatic delivery of operational data from SUM to a federal autorithy



Data from healthcare providers like CAR are securely uploaded



Data Entry Platform

Website Link

Dashboards

API Link

Scientific research platform

Machine Learning

File Upload Zone

Care Atlas Platform



Research partner Vito developed models for the E-HIS




New financing model for Primary Care Councils based on simulations

Flanders
State of the Art

# SUM:

## What is SU

- SUM = '
- Flemish

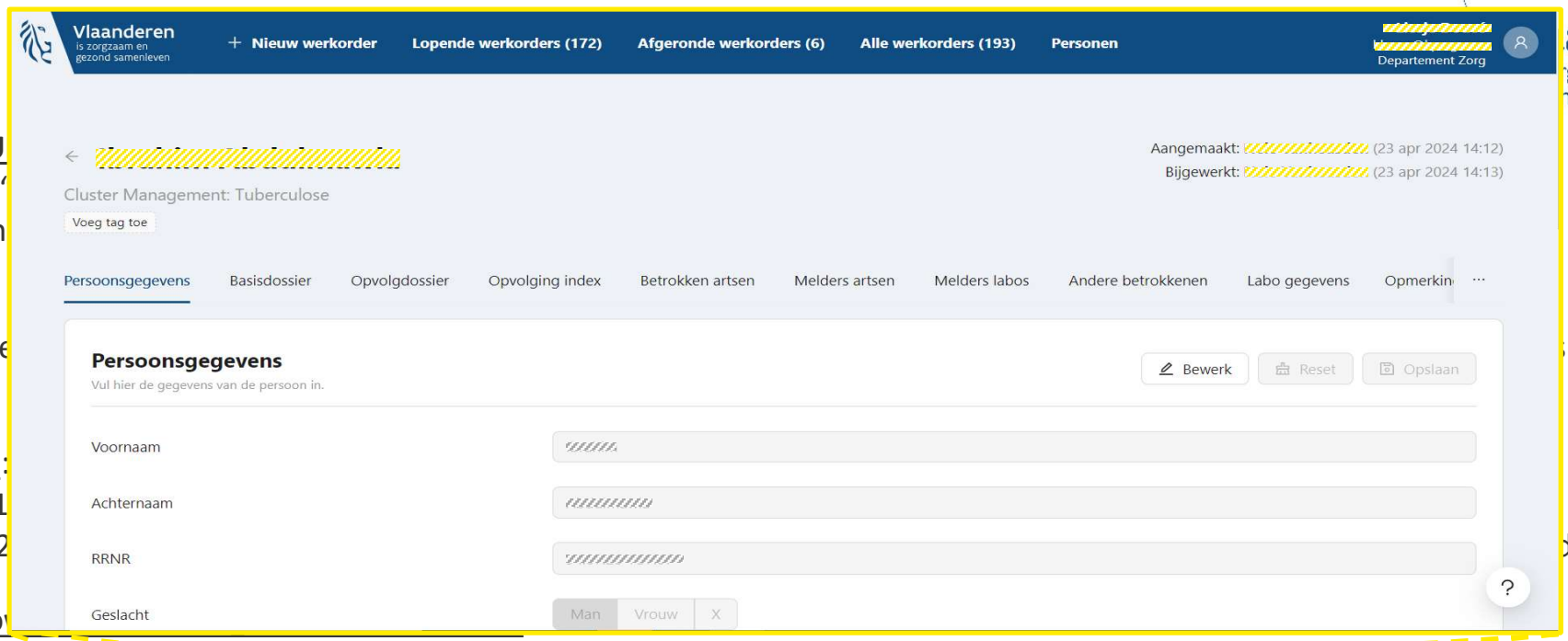
## History

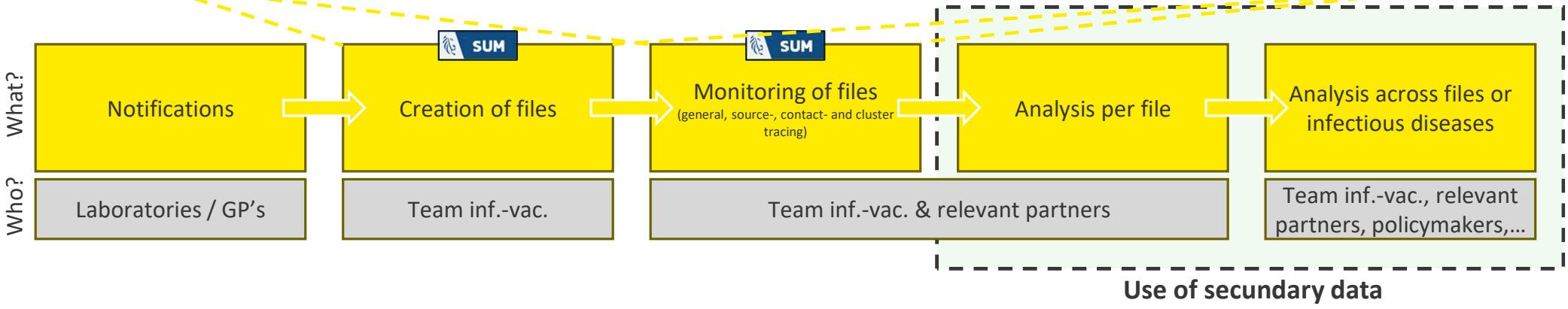
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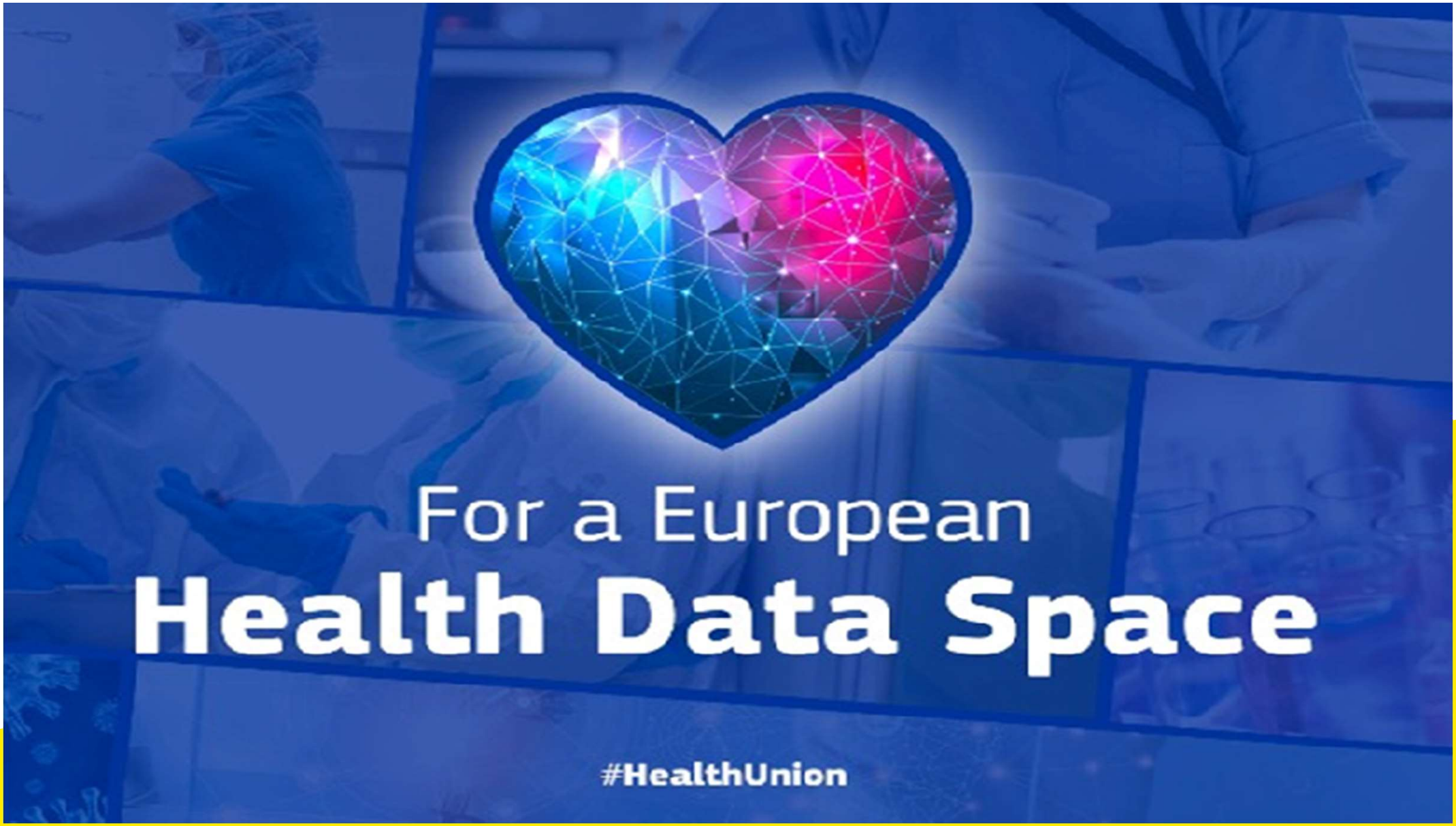
## Objective

- Initially:
- Now: (1
  (2

## Process flo



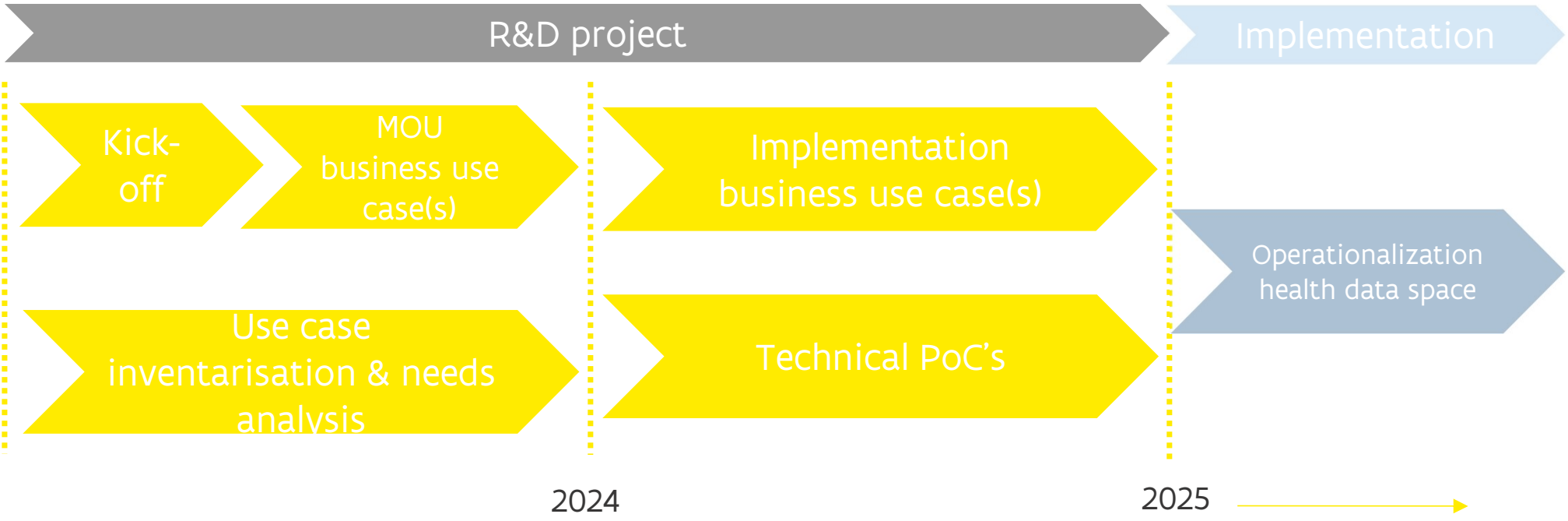



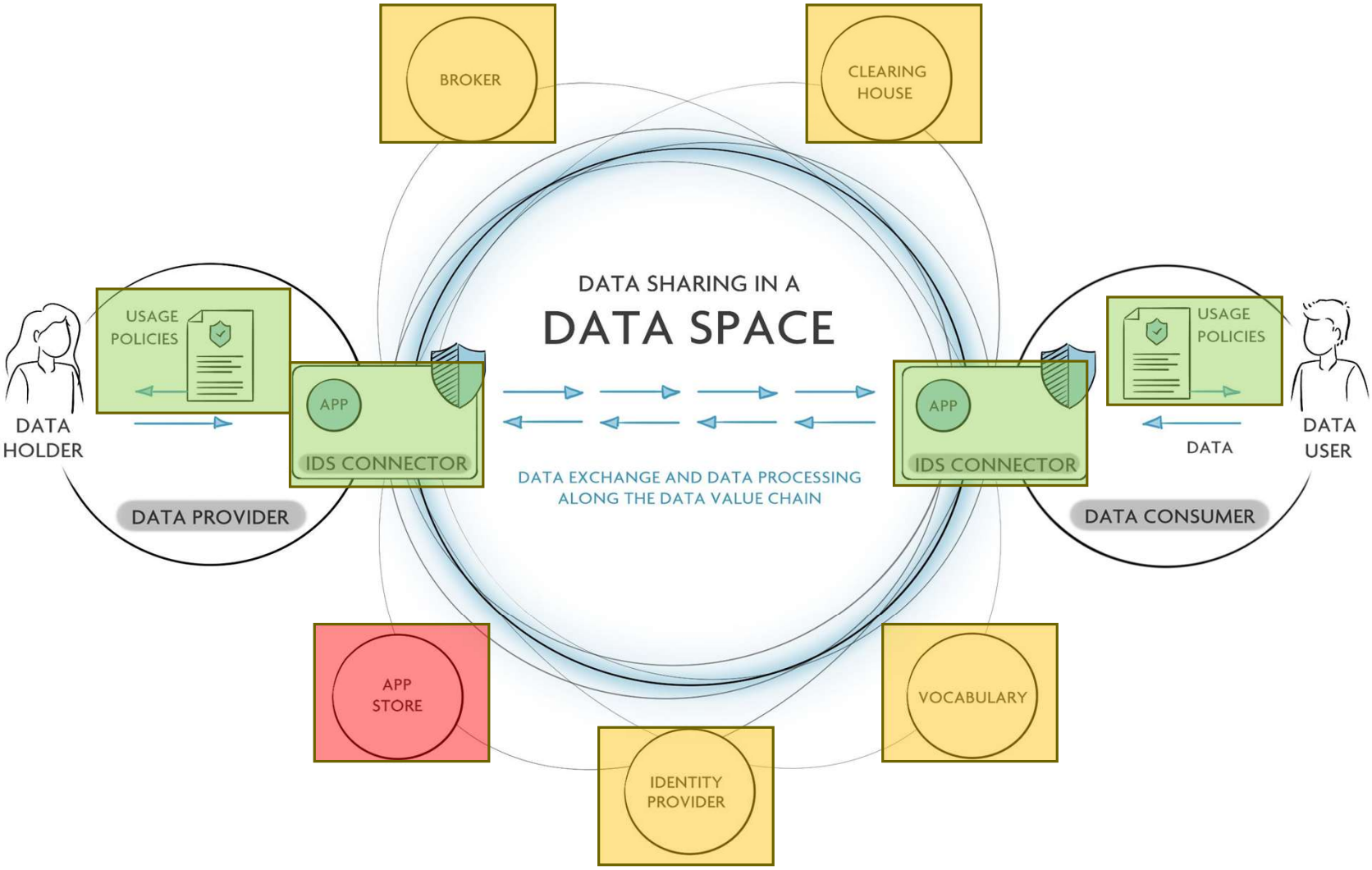

For a European
Health Data Space
#HealthUnion



# What are your main achievements so far?

# Project timeline



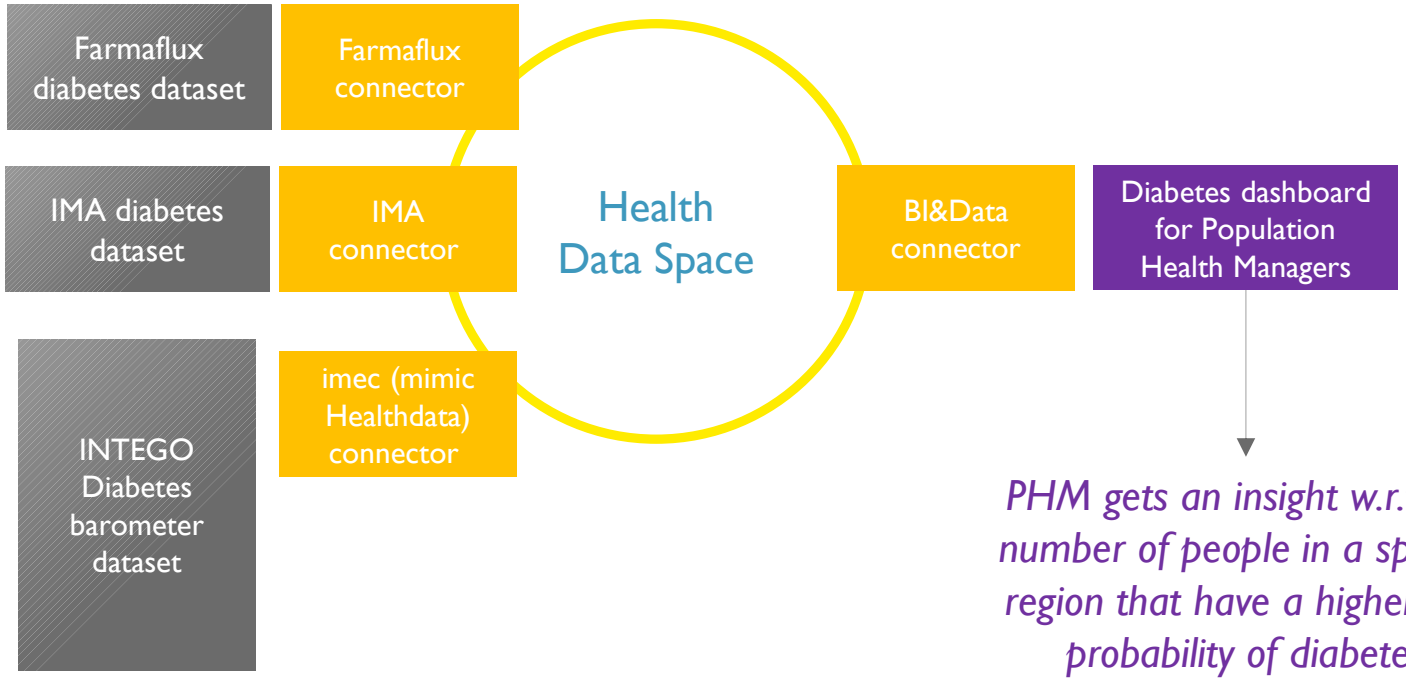


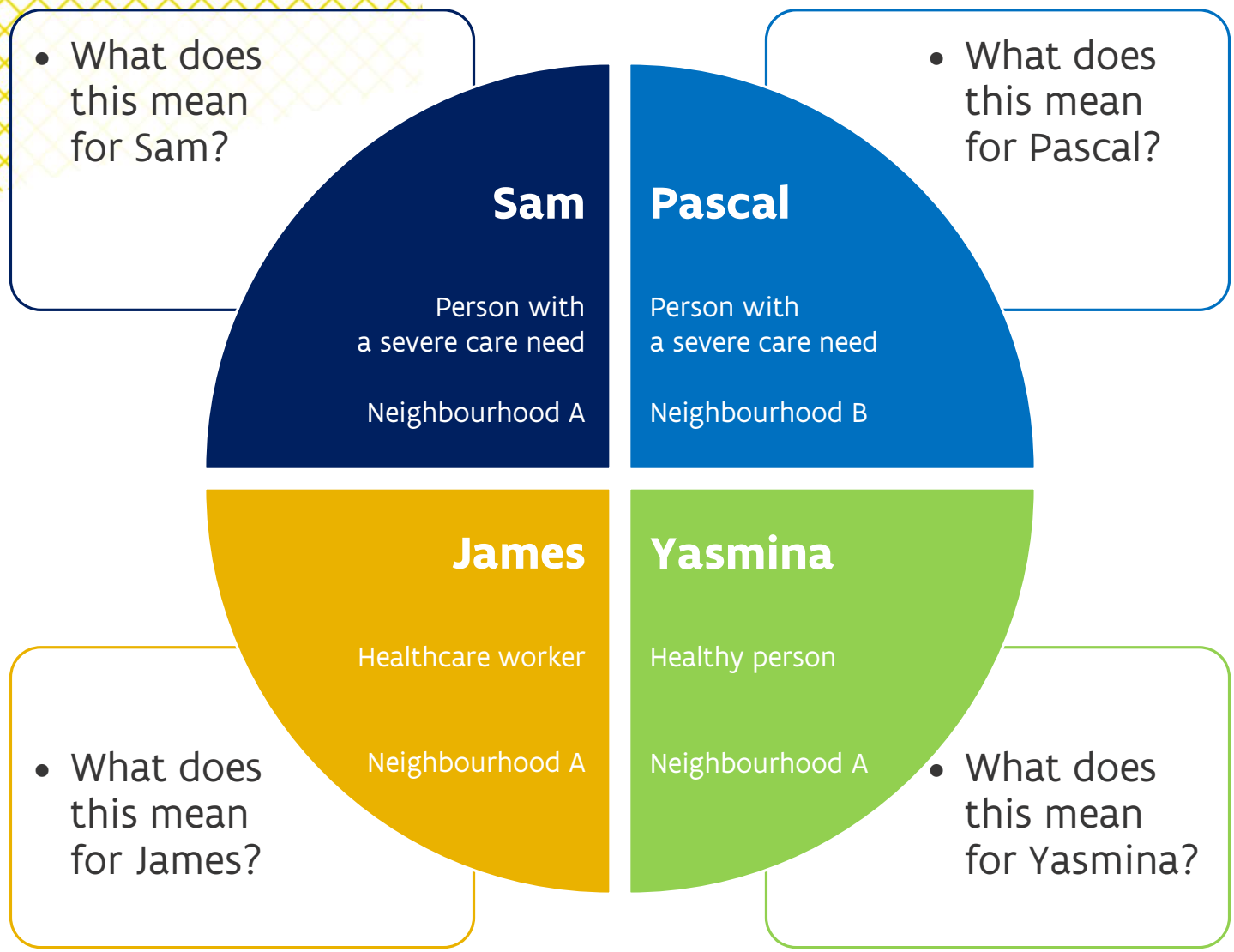

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© imec

# MVP Diabetes dashboard

- Intego
- Farmaflux
- IMA




• What does this mean for Sam?
Sam
Person with a severe care need
Neighbourhood A
• What does this mean for Pascal?
Pascal
Person with a severe care need
Neighbourhood B
James
Healthcare worker
Neighbourhood A
• What does this mean for James?
Yasmina
Healthy person
Neighbourhood A
• What does this mean for Yasmina?

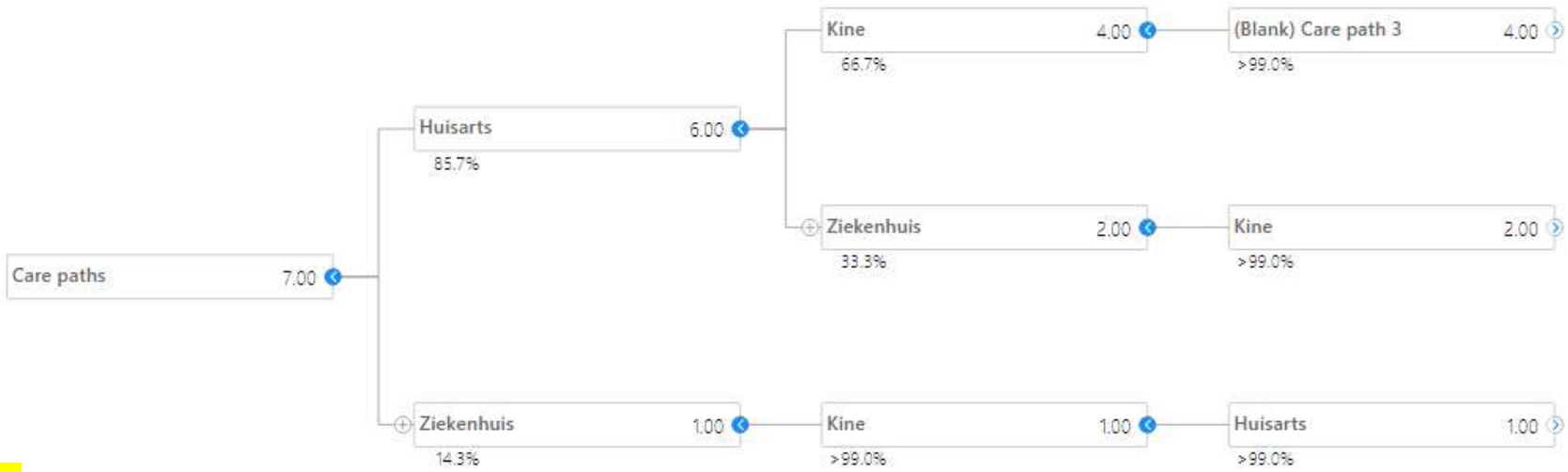

Year
2016
2017
2018
2019
PseudoID
1
10
BMI en BMI_VL
25
Medication usage en Medication usage_VL
10
Fit_mhealth en Fit_mhealth_VL
72%
Care paths en Care paths_VL
3
Lead time en Lead time_VL
12
Sam
Pascal
Yasmina
6
4
2
0
Life goals
Care goals
Care goal %
50%
75%
0%
100%
30
20
10
0
Pharmacist_visit
GP_visit
Physiotherapist_visit
Life goal %
50%
10%
0%
100%
Care path:
Ziekenhuis
Ziekenhuis
Huisarts
(Leeg)
(Leeg)
Care path VL:
Huisarts
Ziekenhuis
Kine
Huisarts
Kine

PHM

- Dender Zuid
- Oost-Meetjesland
- Panacea
- Regio Aalst
- Regio Roeselare
- Westkust&Polder

Year

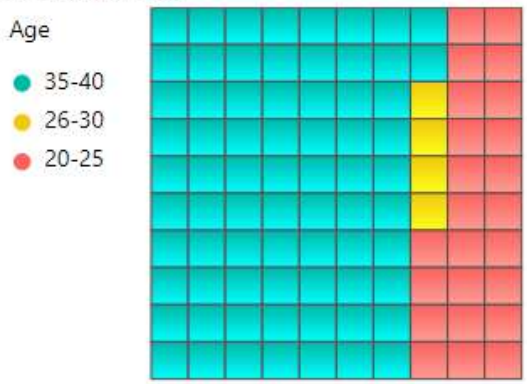
- 2016
- 2017
- 2018
- 2019



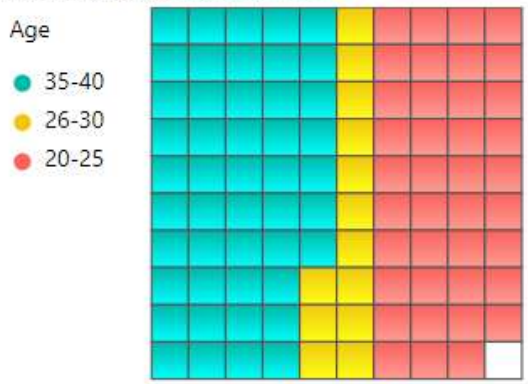

# James

3 %

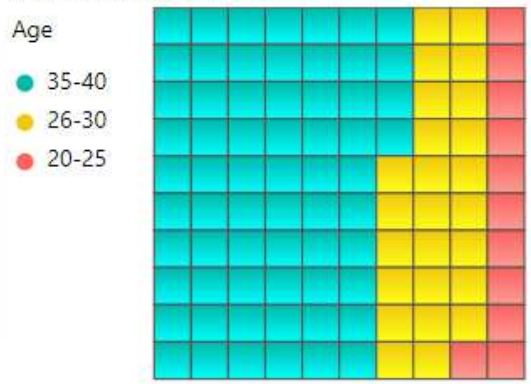
GP_visit per Age



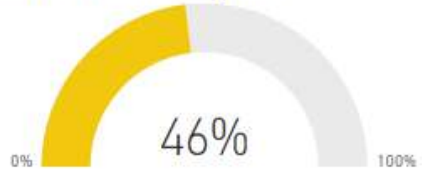

Physiotherapist_visit per Age




Pharmacist_visit per Age




Gemiddelde van Life goal %




Gemiddelde van Care goal %



# Any questions … contact koenraad.jacob@vlaanderen.be

