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DEPARTMENT OF CARE

eHealth and Vitalink

Thomas Van Langendonck

What is Vitalink?

- Vitalink: medication schedule - YouTube

- **Flemish health vault**

- **Managed by health and care actors**

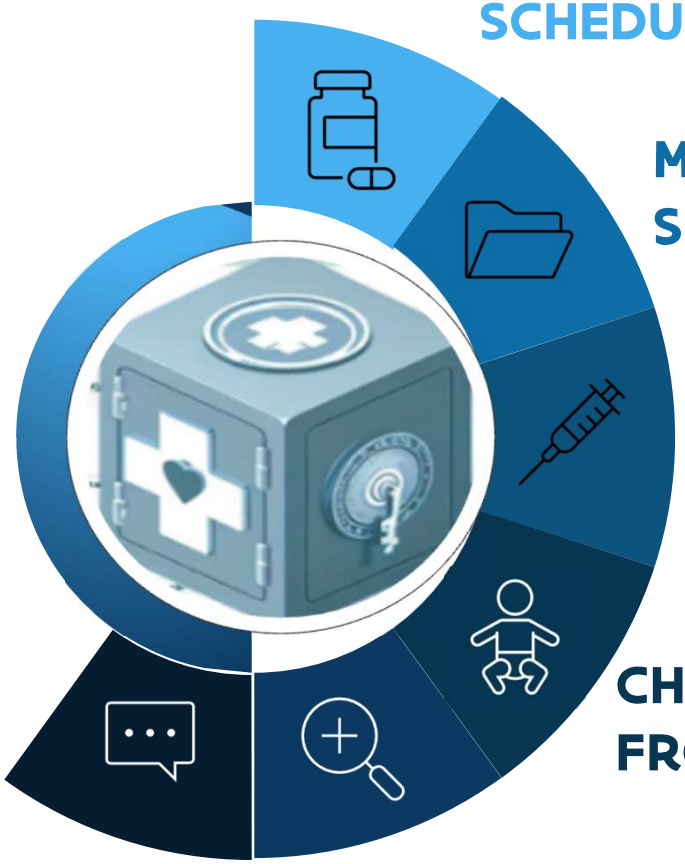
- **Promotes**
  - → Cooperation between care givers
  - → Access to data
    - × For citizens:
      through online applications
    - × For care givers:
      via own software package or hospital file



Origins of Vitalink

- Originated in 2010
  - → after Primary Care Conference
  - → at the request of primary care sector
  - → need for multidisciplinary collaboration
  - → need for 24/7 data availability for continuity of care

What data is being shared?



MEDICATION SCHEDULE

MEDICAL RECORD SUMMARY (SUMEHR)

VACCINATIONS (FROM VACCINET)

CHILD DOSSIERS FROM GROWING UP

POPULATION SCREENING

JOURNAL NOTES

Vitalink in numbers

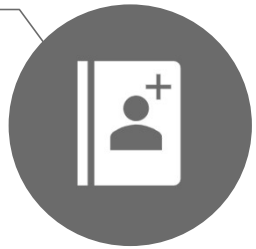
- Data of 11 million Belgians
  - → 1,7 millon Sumehrs
  - → 4,5 millon population screenings
  - → Vaccinations of 11 million Belgians
  - → 1,6 million medication schedules

- Monthly used by:
  - → 8.800 GP's
  - → 2.000 pharmacists
  - → 1.000 dentists
  - → Connected to all hospital networks
  - → 3 millon writing operations
  - → 18 million reading operations

Mission: Vitalink@FHIR

CARE CONTINUITY

The SUMEHR contains essential information of a citizen for interdisciplinary and cross-border acute care.



INTEGRATED CARE

Care is tailored to the needs of individuals. The patient is central and has the opportunity to take control.





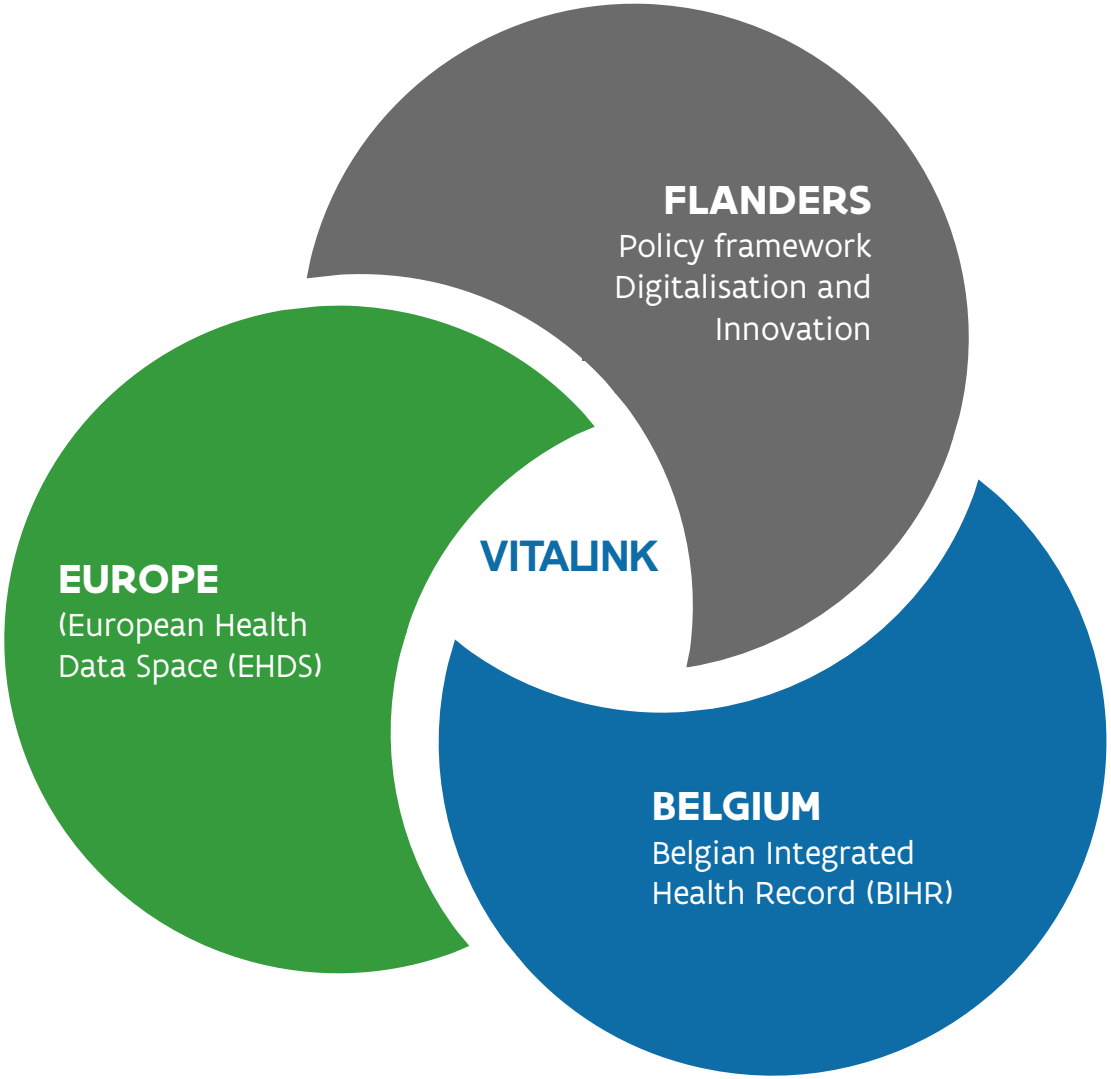
PREVENTION

Preventive health policy aims to promote, protect and maintain citizens' health.

+ SECONDARY USE OF DATA

e.g. for evidenced based health care

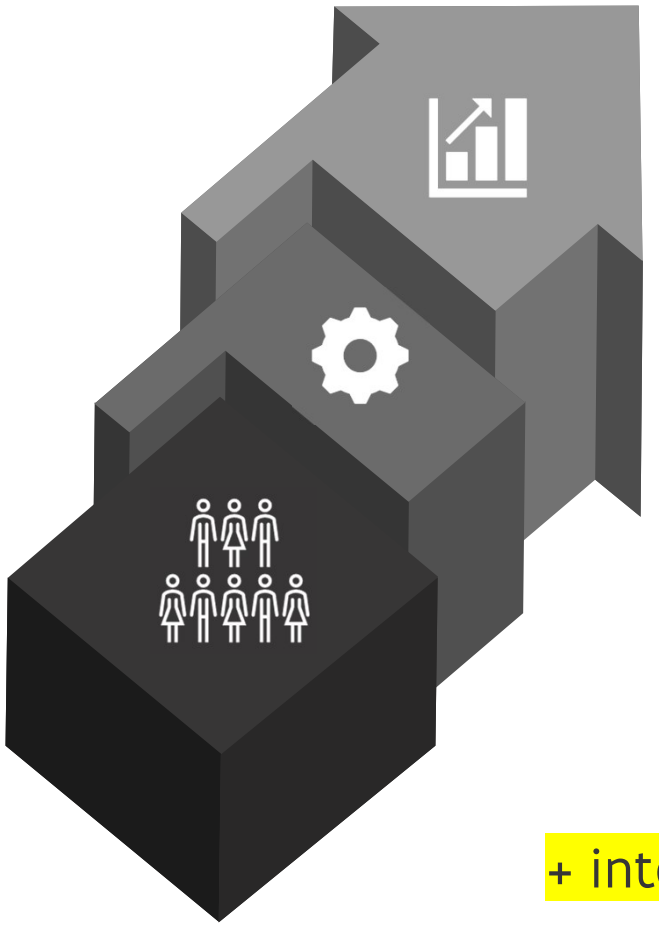
Surroundings for the vision and strategy of Vitalink



Be-SafeShare-project: towards an integrated patient record

- Concept from inter-federal eHealth action plan 22-24
- Essential health data on each citizen (allergies, problems, vaccination status)
- In a central medical language (Snomed-CT) and international standard (HL7 FHIR)
- ”Care Sets” as model for structured information exchange
- Stored in health vaults (Vitalink and Brussels and Walloon vaults)
- Roll-out coordinated by the Health Insurance Agency (NIHDI)

Building a new vitalink in FHIR



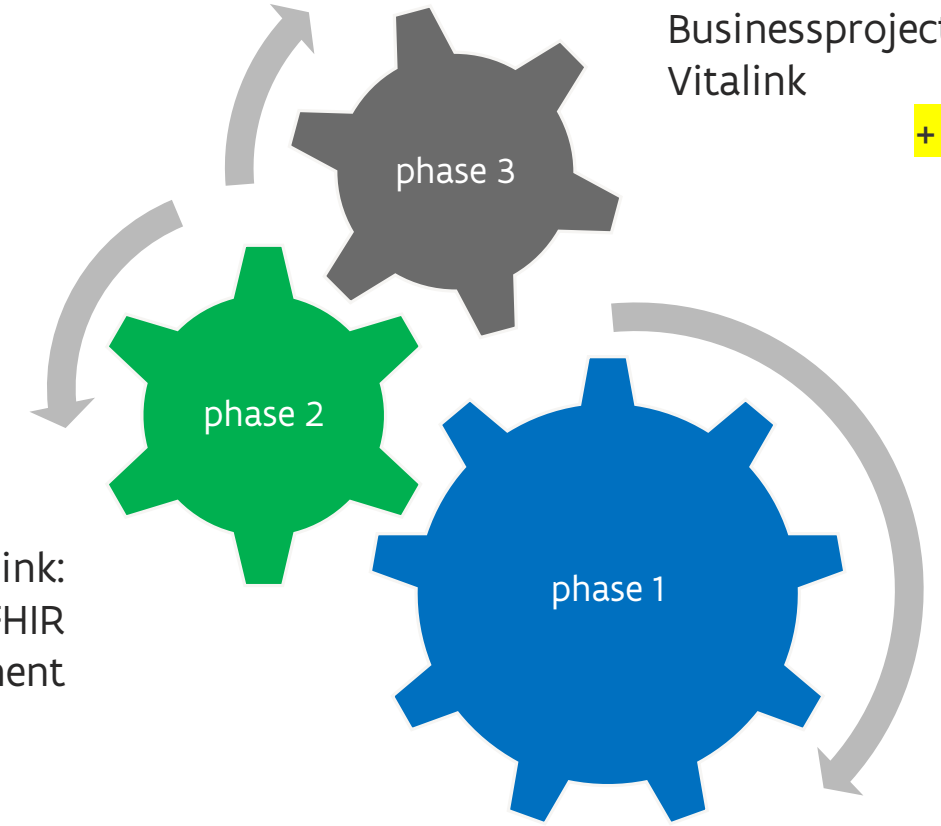
Fase 3 |
Businessprojecten op Vitalink

Fase 2 |
FHIR@Vitalink : Bouwen van een nieuwe FHIR-omgeving

+ interoperability!

Fase 1 |
Een FHIR-community in het Belgische eHealth-landschap

Building a new vitalink in FHIR



Businessprojects on Vitalink

+ interoperability!

FHIR@Vitalink: Buildling a new FHIR environment

A FHIR community in the Belgian eHealth landscape

From technical realisation to on-site use (1)

- **Own strategy for each data type/business project**
- **Roll-out and adoption together with our partners**
  - → Interfederal partners
  - → Software industry
  - → Users



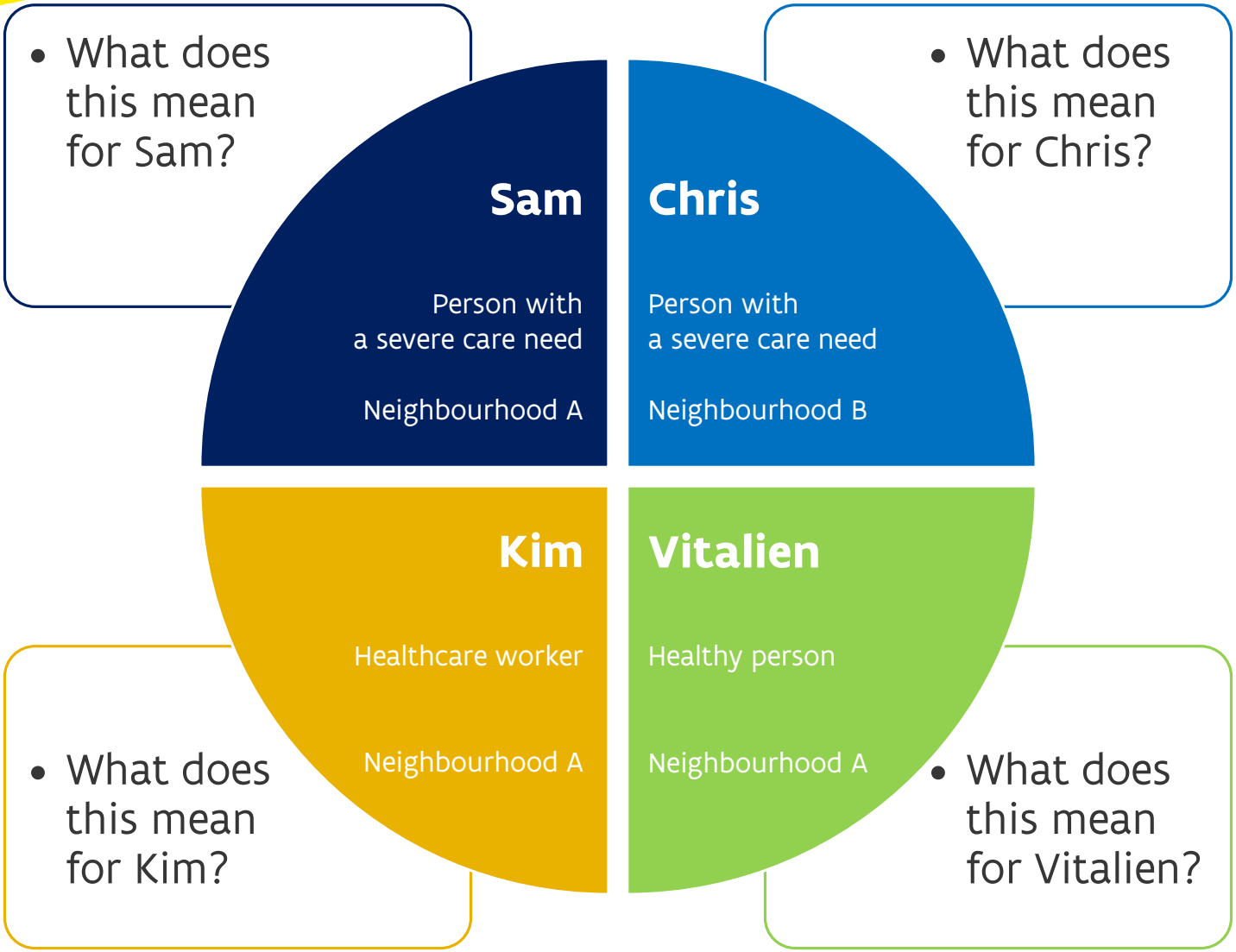
FHIR

From technical realisation to on-site use (2)

- **Lessons learned from 10 years of Vitalink**
  - → Motivating and supporting software vendors
    - × Cooperation across all governments
    - × Technical support (FHIR-A-THONS, Interoperability lab imec)
  - → Supporting users
    - × From better data sharing to multidisciplinary cooperation
    - × Transmural aspect becomes more important
    - × Always in consultation with other actors
  - → Involving the patient
    - × Shift focus from secure data sharing to the patient who is in control of its own care and health data



FHIR


• What does this mean for Sam?
Sam
Person with a severe care need
Neighbourhood A
Chris
Person with a severe care need
Neighbourhood B
• What does this mean for Chris?
Kim
Healthcare worker
Neighbourhood A
Vitalien
Healthy person
Neighbourhood A
• What does this mean for Kim?
• What does this mean for Vitalien?

More information:

- www.vitalink.be
- vitalink@vlaanderen.be