

healthdata.be: deployment of e-management of Belgian health data 4 pharmacovigilance and effectiveness

EMIF: E-managing the Future of Health Data

Gerbeaud House, Budapest, 2016.03.17.
Johan van Bussel (WIV-ISP, Department Healthdata.be)



122

12,000

11.2 Mn

23,000

3 regions

259

4,942

26.3 Bn

Inventaire des bases de données de soins de santé

KCE reports vol. 30B



“Belgium has a lot of healthcare data, but:

- Dispersion of data sources
- Accessibility problems : no central inventory, neither a central contact for retrieval of information
- Few available data quality plans (relevance, accuracy, completeness, consistency, coherence, timeliness).”

“The problem of the Unique Personal Identifier (UPI) or pseudonym (UPP):

- Legal issues
- Problems with linkage of the data
- Longitudinal analyses frequently impossible”

“Gaps in (public domain) data:

- Primary care
- Trajectories of healthcare
- Non compulsory health insurance
- Few data for nursing and rest homes RVT-ROB
- Few useful data on psychiatry mental healthcare
- HC Technology
- Non reimbursed consumption”

ACCUEIL

POINTS D'ACTION

INITIATIVE DE

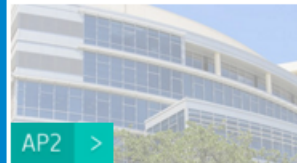
LEXIQUE

NOUVELLES

CONTACT



AP1 >
GMD = EMD => Sumehr



AP2 >
DPI hospitalier



AP3 >
Schéma de médication



AP4 >
Prescription électronique



AP5 >
Partager les données via le système hubs & metahub pour les hôpitaux généraux et universitaires



AP6 >
Partager afin de Collaborer



AP7 >
Etablissements psychiatriques et autres et système hubs & metahub



AP8 >
Instauration d'un Instrument d'Évaluation uniforme (BeIRAI)



AP9 >
'Incitants à l'utilisation'



AP10 >
Accès aux données par le patient (PHR)



AP11 >
Communication



AP12 >
Formation et soutien ICT des dispensateurs de soins



AP13 >
Standards et politique de terminologie



AP14 >
MyCareNet



AP15 >
simplification administrative



AP16 >
Traçabilité des implants et des médicaments



AP17 >
Utilisation généralisée de la eHealthBox et des données de dispensateurs de soins disponibles dans CoBRHA



AP18 >
Inventaire et consolidation des registres

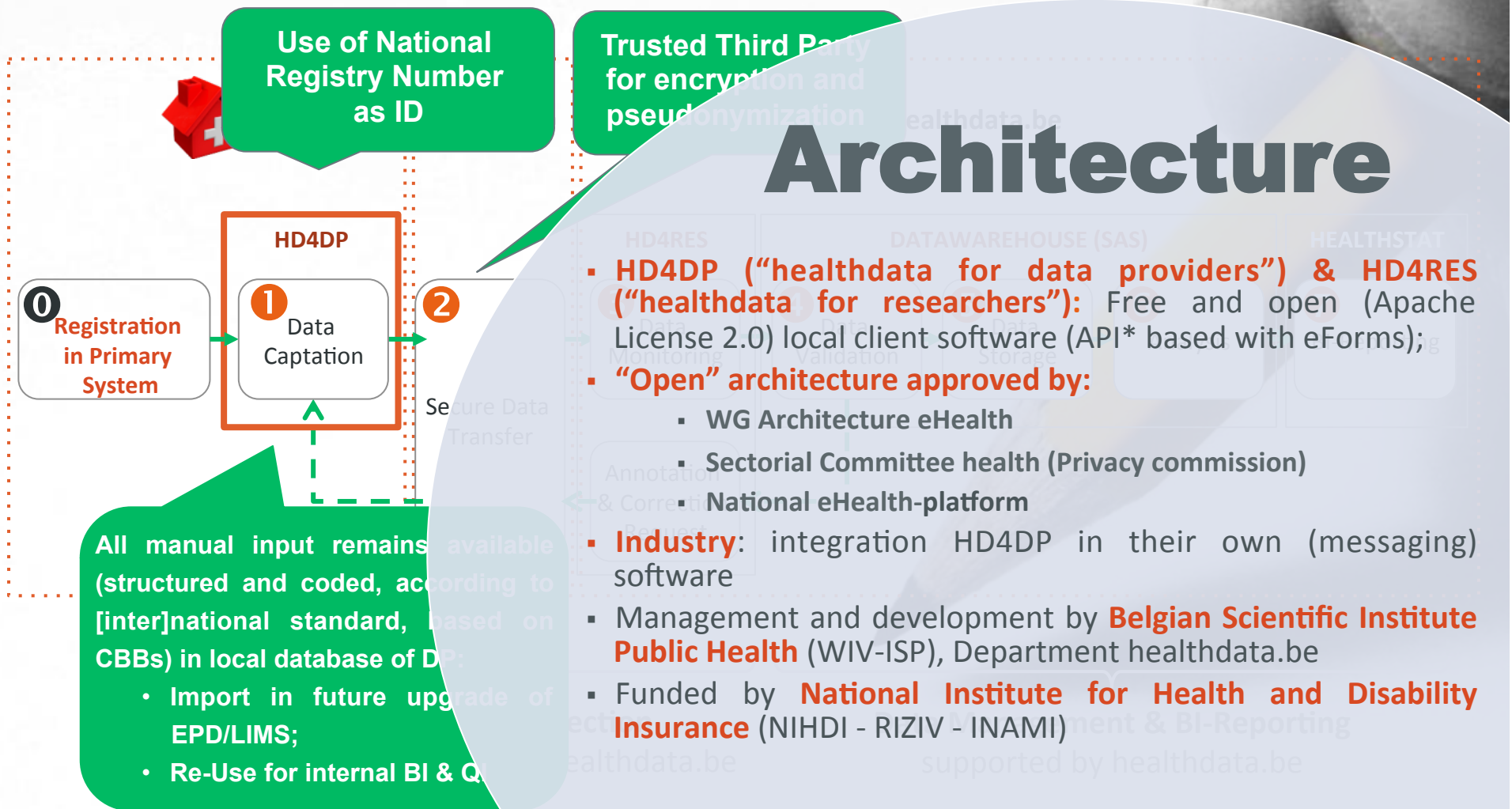


AP19 >
Mobile Health

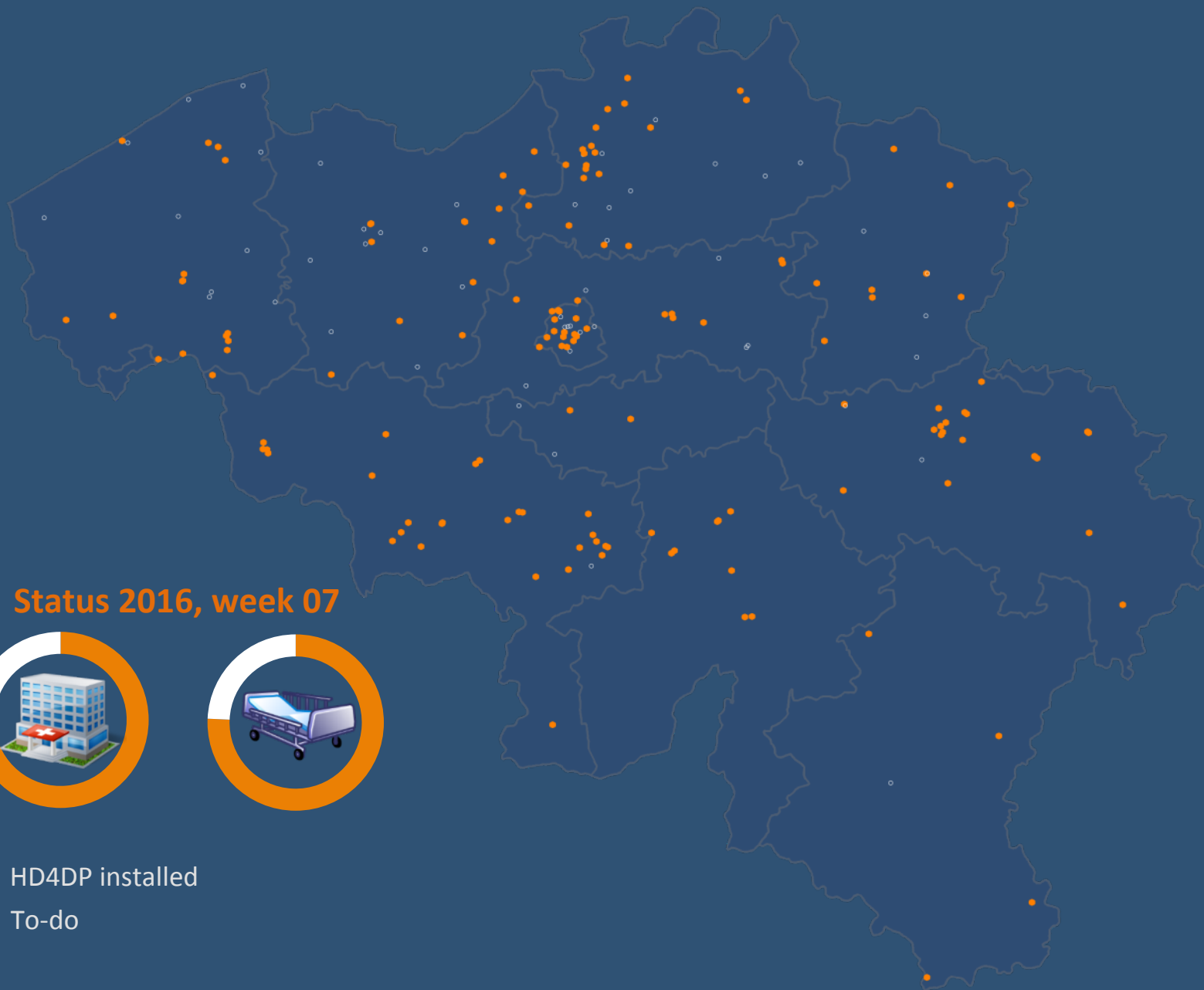


AP20 >
Gouvernance, implémentation et monitoring e-Santé

healthdata.be: the end-to-end process



Deployment **HD4DP** in Belgian general and academic hospitals (Kick-off : July 2015)



Status 2016, week 07



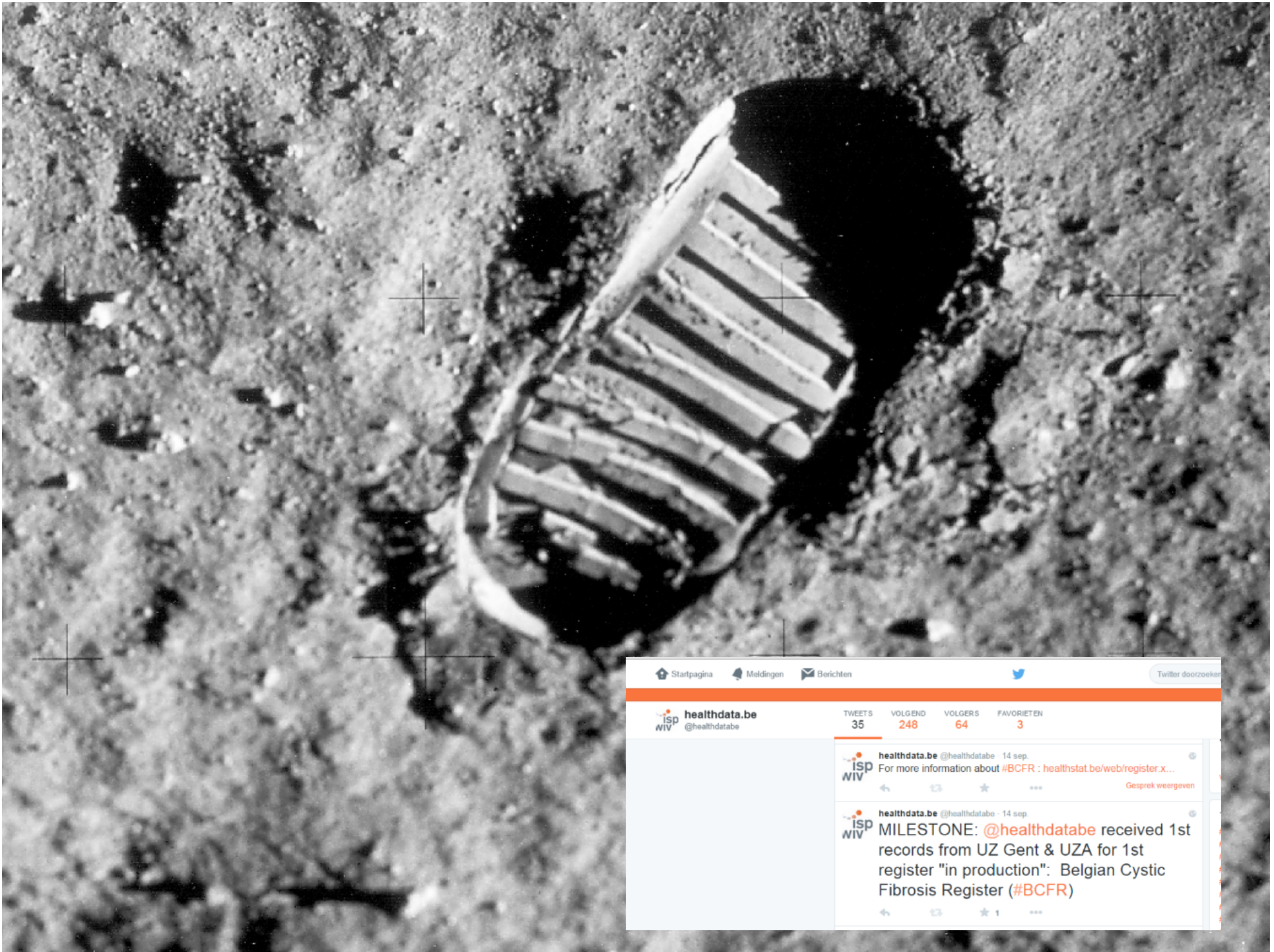
●: HD4DP installed

○: To-do



Kick-off with 43 projects

Target: all in production by end 2017



HD4Industry

- Workshops with **Belgian Regulatory Affairs Society (BRAS) & Pharma.be** (2014, 2015)
- **“Future pact for the patient with pharmaceutical industry”** (2015): services healthdata platform (Re-use of existing data or new data collection) available for pharmacovigilance and effectiveness studies (e.g. reimbursement negotiations)
 - **1st project started in 2016 + high interest**
 - Alignment Business processes authorities and healthdata platform
- **Royal Decree of 12 may 2014 “Unmet Medical Need”**
- **“Future pact for the patient with Medical device industry”** (2016, in progress)



Summary

1

technical implementation: free & open

information architecture: tech. neutral

technical **service desk**

set of **business processes**

Max. re-use existing data (“only 1ce” registration): RWD!

Each DP receives **timely feedback** reports within 1 reporting environment

➔ **Less administrative burden, higher efficiency, more time for patient, higher quality of care, more time for “research”, higher quality of research, lower costs**

Q&A



www.healthdata.be



healthdata@wiv-isp.be



[healthdata be](https://www.linkedin.com/company/healthdata-be)



[@healthdatabe](https://twitter.com/healthdatabe)