



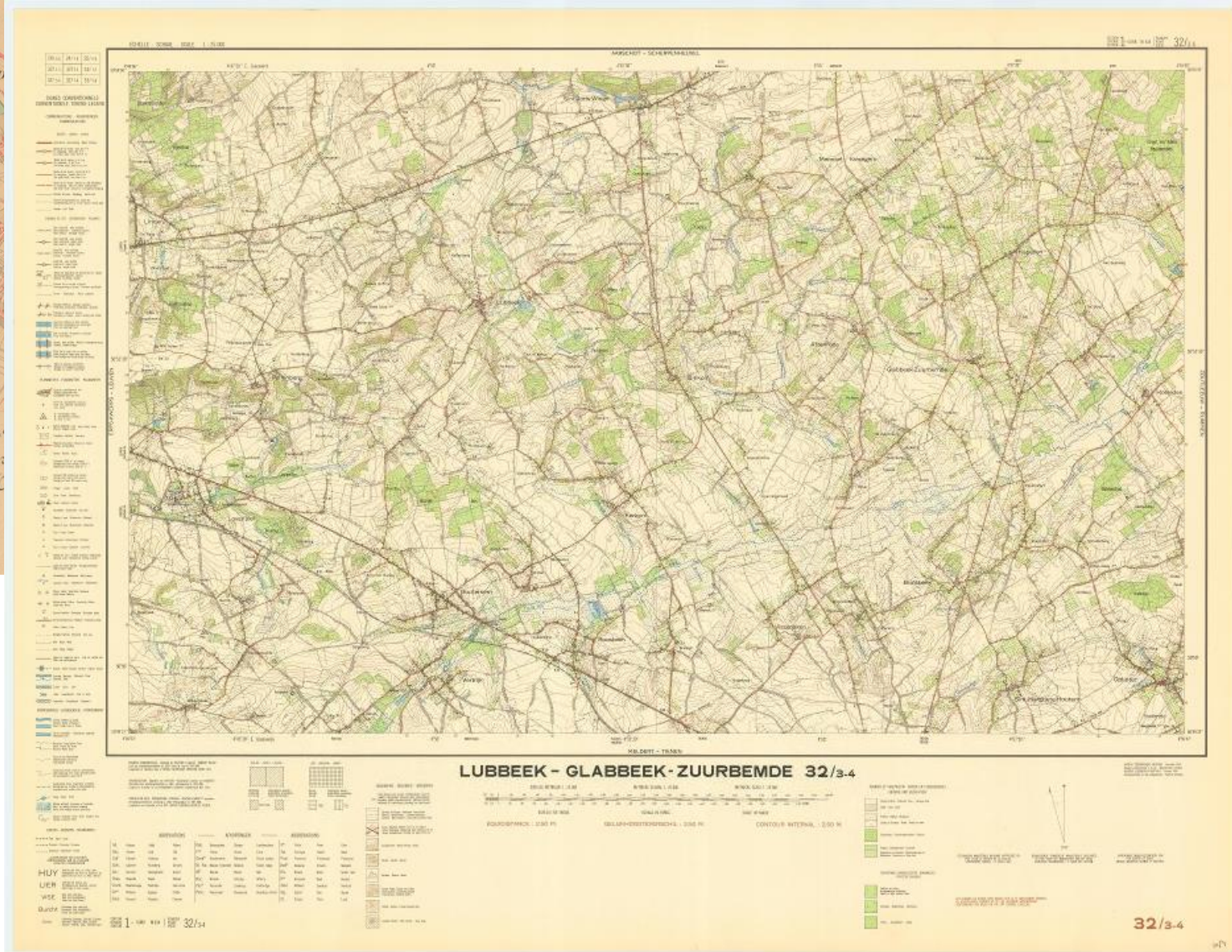
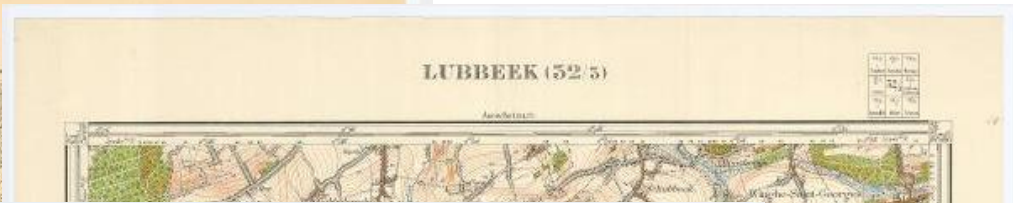
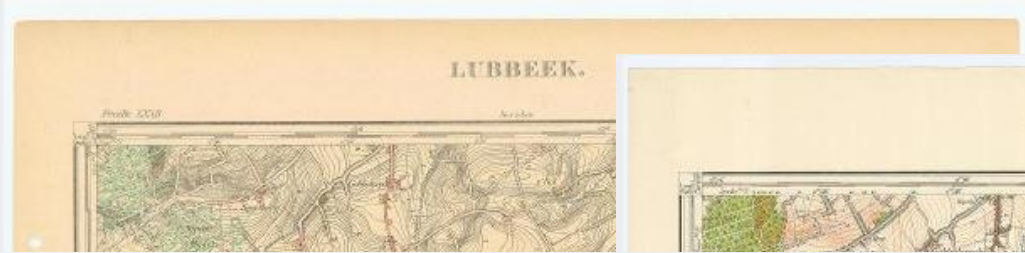
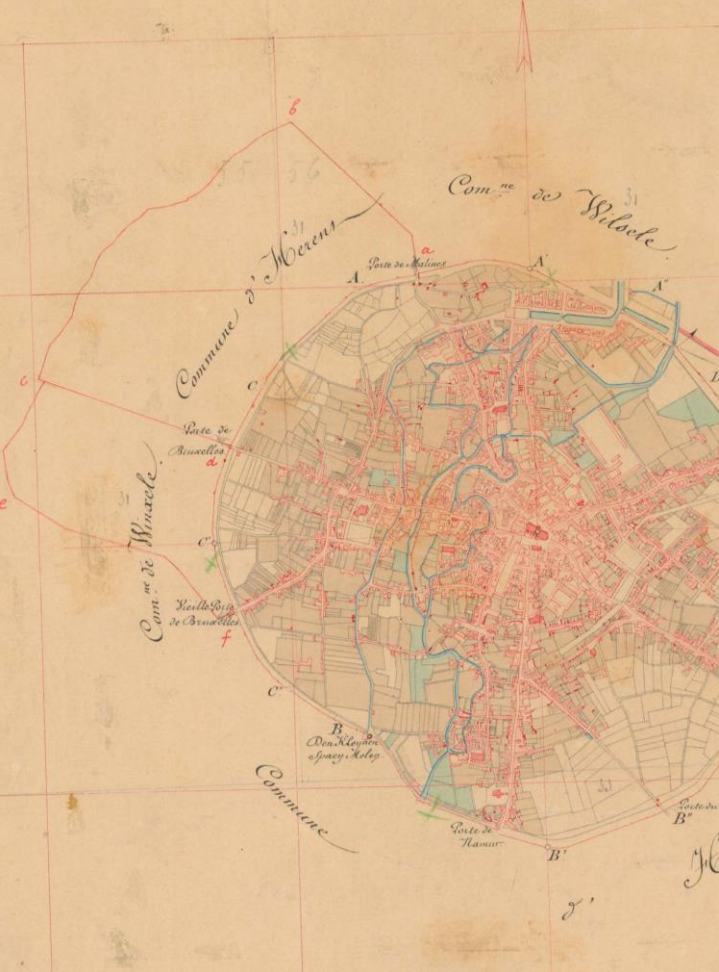
FROM CATERPILLAR TO BUTTERFLY

THE GEOBROKER MAPPING AGENCY

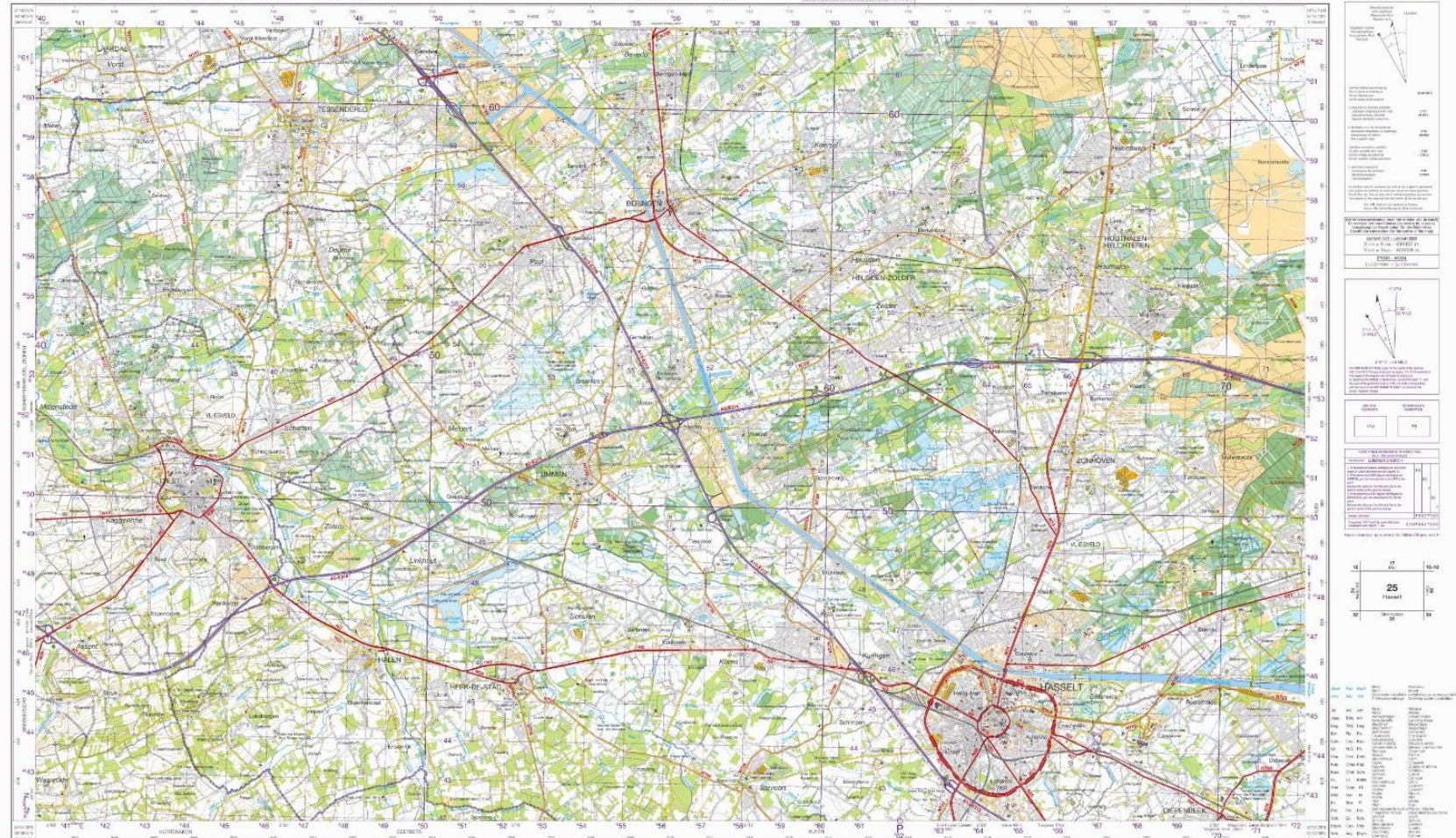
NGI
Nationaal
Geografisch
Instituut



IGN
Institut
Géographique
National







Legend and technical information for the map.

Scale: 1:50 000

Scale bar: 0 to 1000 meters

Legend:

- Water:** Meuse, streams, ponds.
- Vegetation:** Forest, grassland, trees.
- Buildings:** Residential, industrial, public.
- Roads:** Motorway, main road, minor road, footpath.
- Boundaries:** Municipal, provincial.
- Other:** Rail, power lines, telegraph poles.

Legend:

- Contours:** Elevation lines.
- Spot heights:** Specific elevation points.
- Map symbols:** Various icons for features.

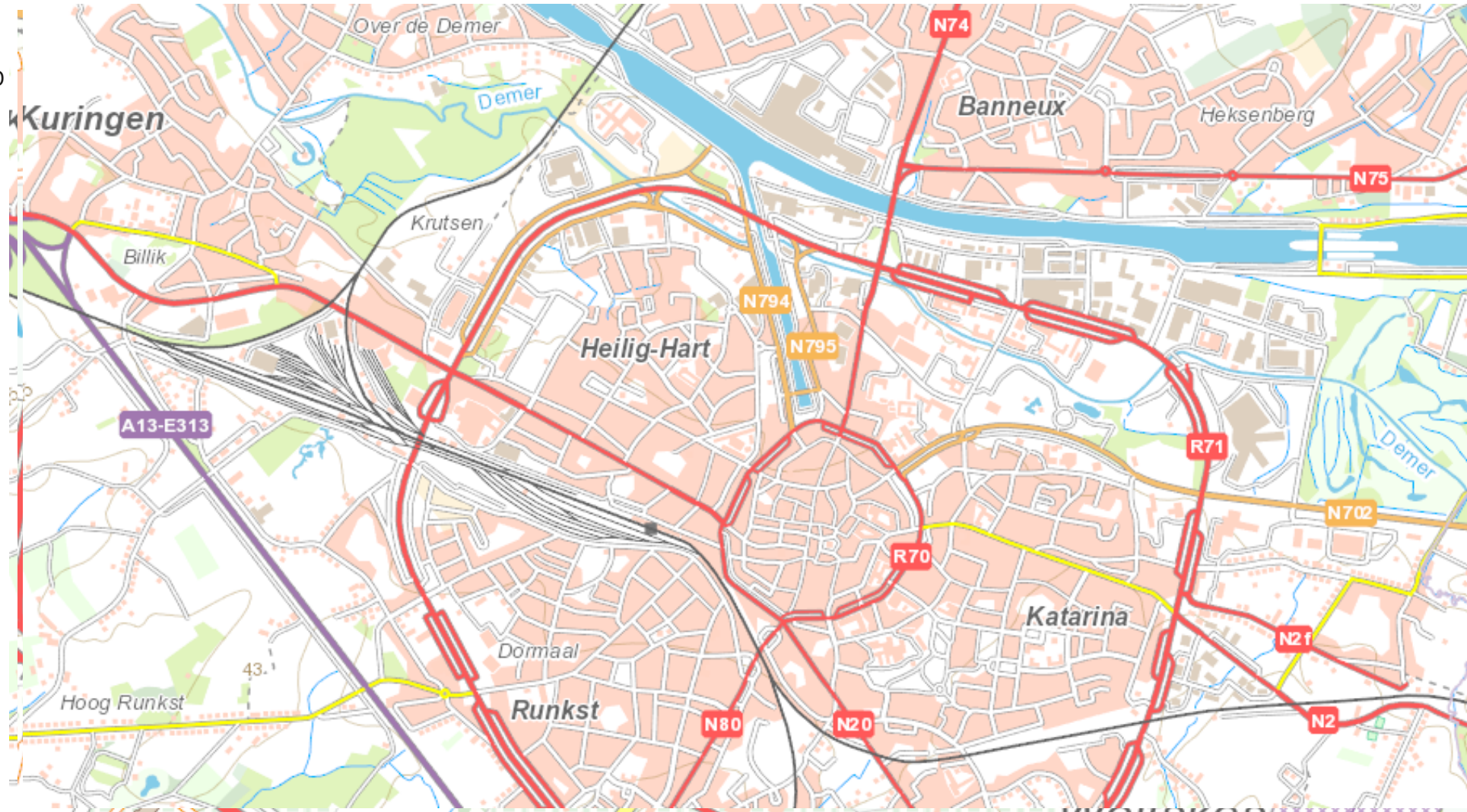
INSIGNIA: NGI (National Geographic Institute) and IGN (Institut National de l'Information Géographique).

NSN 7643-13-120-4039



Cartoweb

specific web-use oriented map
11 levels 1:2500 - 1:4M
Pre-cached raster tiles
WMTS



DATA INTEGRATOR

USE OF EXTERNAL SOURCES

Federal partners

Administrative units (AAPD)

Statistical sectors (Statbel)

Regional data

Aerial photography

Nature protection zones

Infrastructure information and POI

Public companies

Spoorwegwet (Infrabel)

Hoogspanningsnet (ELIA)

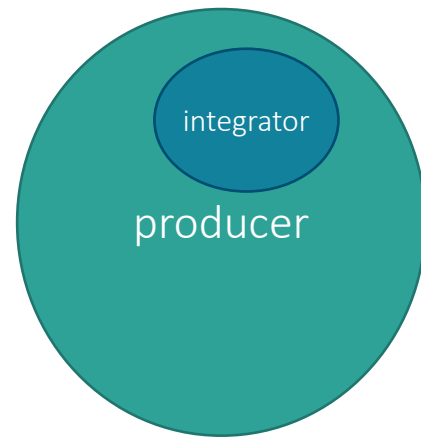
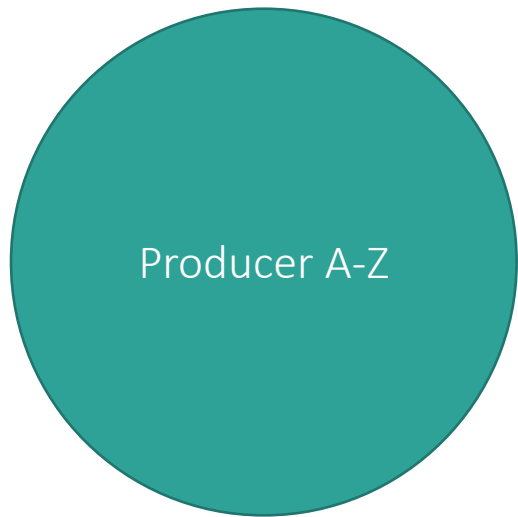


my fair

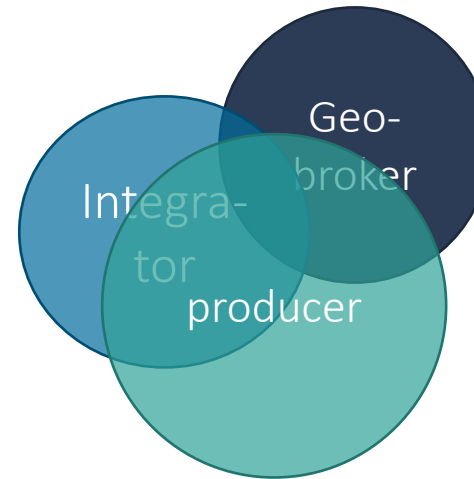
D&A



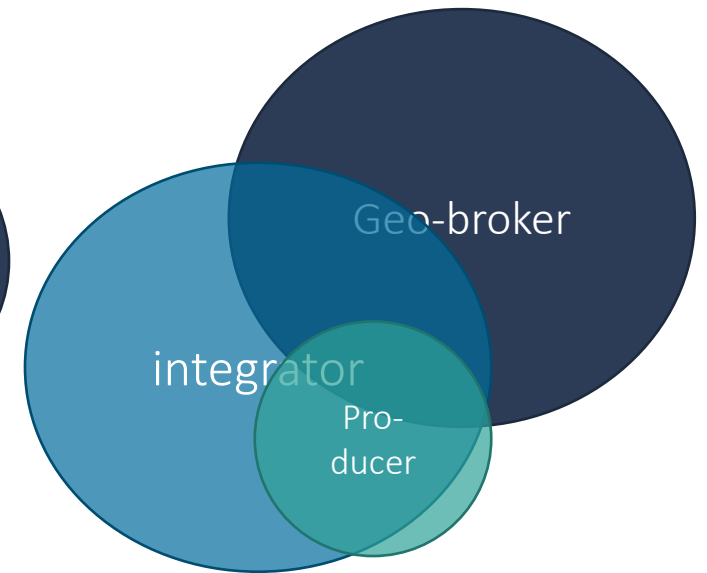




ITGI



Strategy 2020



Vision 2030

Federal Government


Federal data and
service providers

Inside-in


Federal users

Inside-out

ngi
ign

Outside-in

GEO-BROKER


World users


World data and
service providers

Outside World

Doelen

Census

Etc

DE GEO-DATA-HUB VOOR DE FEDERALE OVERHEID OPZETTEN

Ireland SDGs

Local Authorities

Inspire

NMA

GeoHive
Hub of Hubs

DATA TIER

3rd party
Authoritative Data

FUNDAMENTAL DATA THEMES
THE NATIONAL MAP

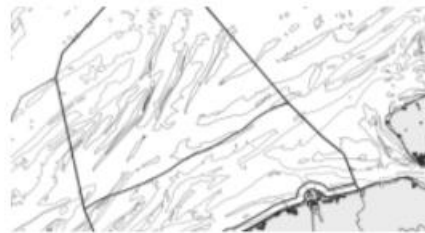


Inhoud

- ✓ Datasets (136)
- ✓ Series (1)
- ✓ View services (31)
- ✓ Download services (19)
- ✓ Discovery services (2)
- ✓ Transformatie services (1)
- ✓ Papieren kaarten (6)



DATASET 🍌
Belgische kadastrale afdelingen



DATASET 🍌
Marine Reporting Units in the Belgian Part of the North Sea

8 federal partners

Nationaal Geografisch Instituut

Koninklijk Meteorologisch Instituut van België

Koninklijk Belgisch Instituut voor Natuurwetenschappen (KBIN), Operationele Directie Natuurlijk Milieu (OD Natuur), Belgian Marine Data Centre (BMDC)

Koninklijk Belgisch Instituut voor Natuurwetenschappen, Operationele Directie Natuurlijk Milieu, GeoCell

Intergewestelijke Cel voor het Leefmilieu (IRCEL)

FOD Financien - Algemene Administratie van de Patrimoniumdocumentatie (AAPD)

Koninklijk Belgisch Instituut voor Natuurwetenschappen (KBIN), Operationele Directie Natuurlijk Milieu (OD Natuur)

Koninklijk Belgisch Instituut voor Natuurwetenschappen (KBIN), Operationele Directie Natuurlijk Milieu (OD Natuur), Wetenschappelijke Dienst Beheerseenheid van het Mathematisch Model van de Noordzee (BMM)

DELIVERY OF GEO-SUPPORT

Access to third party data

- Regional data
- Private sector data
 - Real time traffic and navigation data
 - Data collection for crisis
 - Satellite imagery
- Framework tender for specific software
- Cross boundary data

Access to expertise

- NGI expertise
- Framework contract for access to specialized private sector expertise



European
Environment
Agency



Transportdata.be - NAP MMTIS



MMTIS – multi modal transport intelligent systems

TRANSPORTDATA.BE

Datasets Organizations Forum About Search

BELGIUM'S NATIONAL ACCESS POINT FOR MULTIMODAL TRAVEL INFORMATION SERVICES.

SEARCH FOR DATA SETS

ex. car-sharing, train, bike-hire,...



Popular Tags

Rail (including hig...

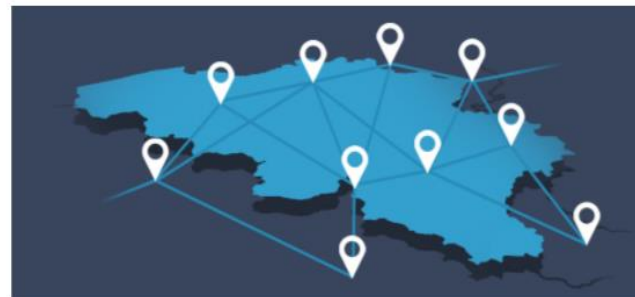
Cycle

Car

ADD NEW DATA

Data providers can easily add data to the catalogue.

Add Data



DISCOVER TRANSPORTDATA.BE
AND HOW YOU ARE INVOLVED

Transportdata.be is the National Access Point for data regarding passenger transport. By bringing together datasets and webservice, we want to facilitate multimodal travel planners.



JOIN OUR COMMUNITY FORUM

As transport data producer or user, join our online community and benefit from experience-sharing with your fellows!

Join



Geo-enabling incident- & crisismanagement

Proof of concept

“Cartography for wildfires”

Fight the fire off the same map

<https://youtu.be/9HytxnDFXW0>



e.GOV
AWARDS



**DEFENSIE
LA DÉFENSE**



Wallonie
environnement
SPW

AGENTSCHAP
NATUUR & BOS



Vlaanderen
is natuur

Politie Police



NGI
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Instituut



IGN
Institut
Géographique
National



PROVINCIES - PROVINCES
GOUVERNEURS



ibz  **Intérieur
Binnenlandse Zaken**



service public fédéral
**SANTÉ PUBLIQUE,
SECURITE DE LA CHAÎNE ALIMENTAIRE
ET ENVIRONNEMENT**



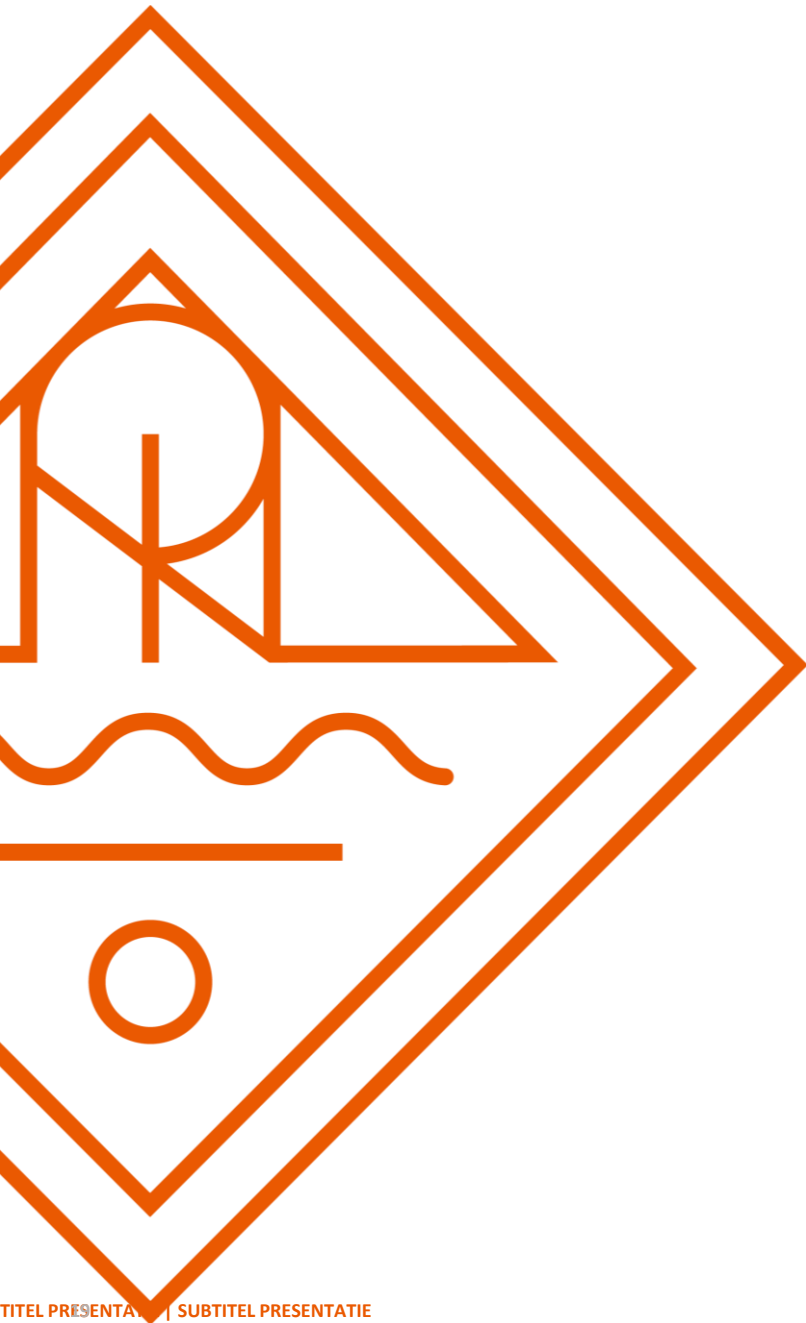
federale overheidsdienst
**VOLKSGEZONDHEID,
VEILIGHEID VAN DE VOEDSELKETEN
EN LEEFMILIEU**

DEFENCE PARTNERSHIP



- Production of data
 - NATO map series
 - Low Air Obstacles
 - MDG
 - Large scale city map
- Expertise
 - Including dedicated staff
- Access to third party data

- R&D
- Logistics



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