



TRANSPORTDATA.BE

THE BELGIAN NATIONAL ACCESS POINT FOR INTELLIGENT TRANSPORT SYSTEMS (NAP ITS)



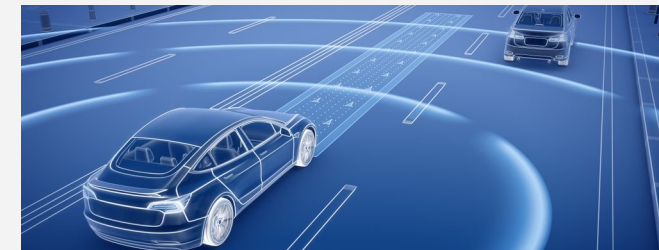
INTELLIGENT TRANSPORT SYSTEMS (ITS)

Rapid changes in our mobility:

- Multimodality
- *Mobility as a Service (MaaS)*
- Cooperative ITS
 - Autonomous vehicles
 - Smart road network(RTK-positioning)
- ...



Exchange of mobility data and services



NATIONAL ACCESS POINT (NAP)



European Commission

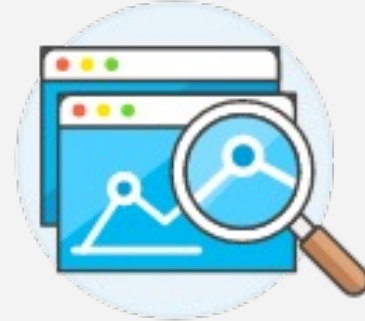
Intelligent Transport Systems (ITS) Directive

Founding
*National
Access Points*



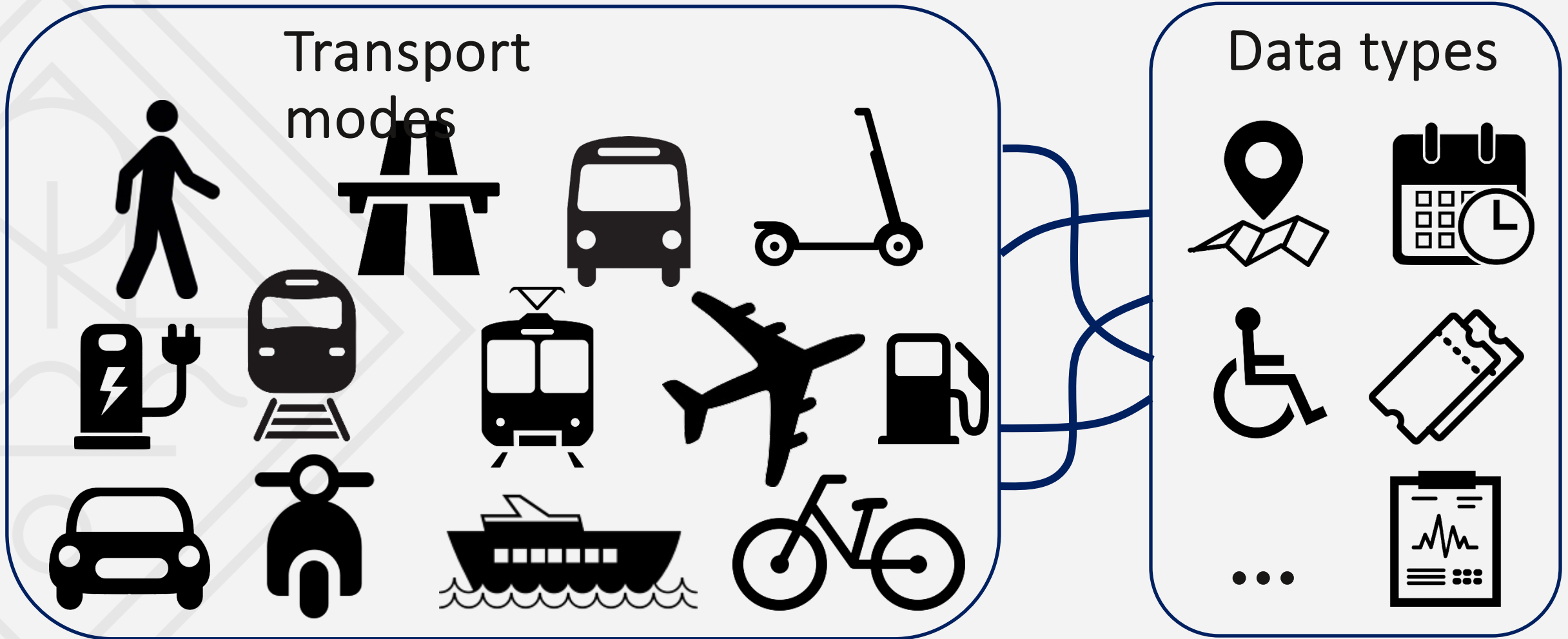
Delegated regulations

Mandatory sharing of data & services regarding:



- Multimodal travel information services (MMTIS)
- Real time traffic information services (RTTI)
- Safety related traffic information (SRTI)
- Information services for safe and secure truck parkings (SSTP)

Datasets on NAPs



➔ facilitating reuse of mobility datasets & services

LEGAL FRAMEWORK

- BE: ITS STEERING COMMITTEE



FPS Mobility
and Transport



Agentschap
Wegen en
Verkeer



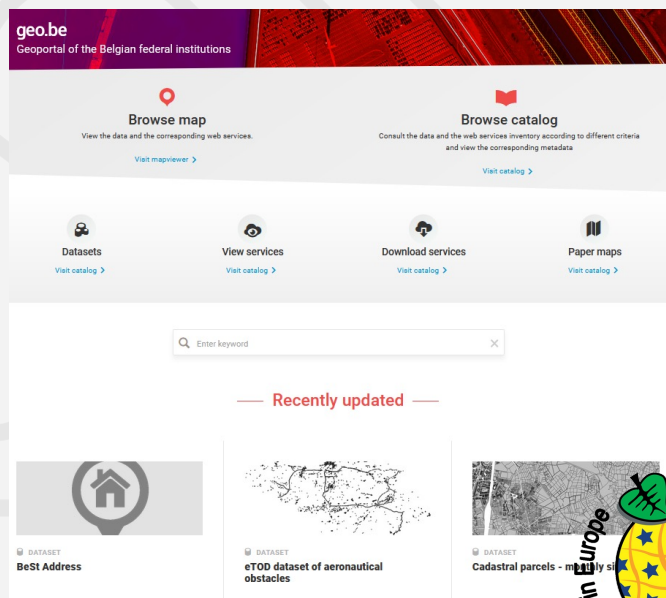
Brussels
Mobility



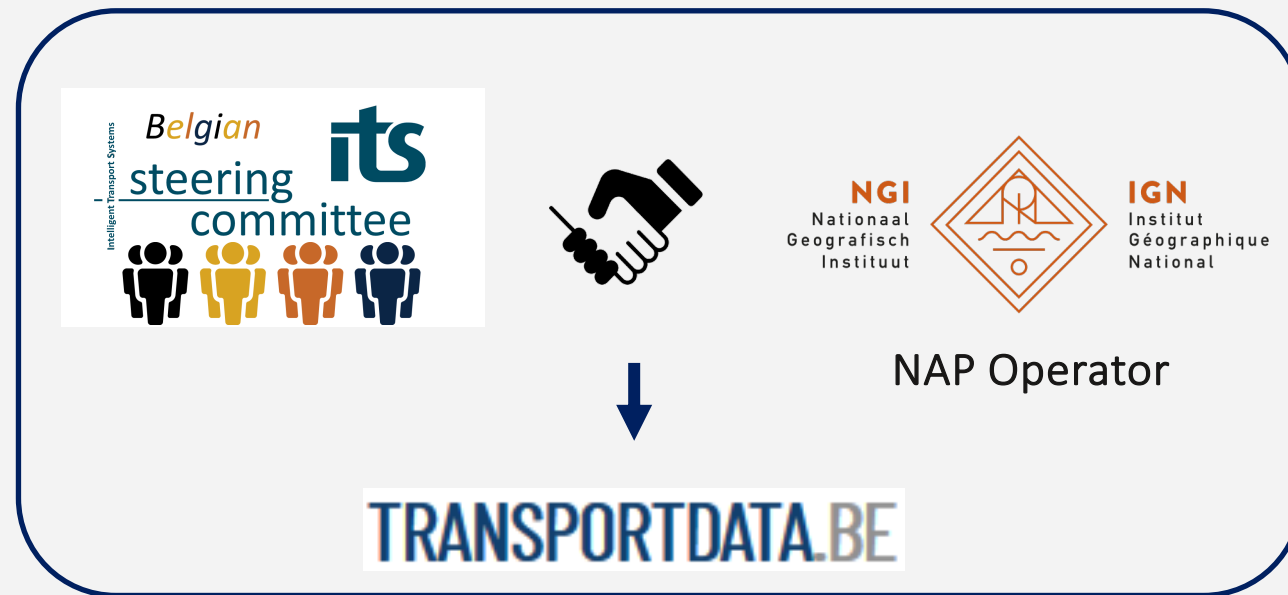
Service public de
Wallonie
Mobilité et
Infrastructures

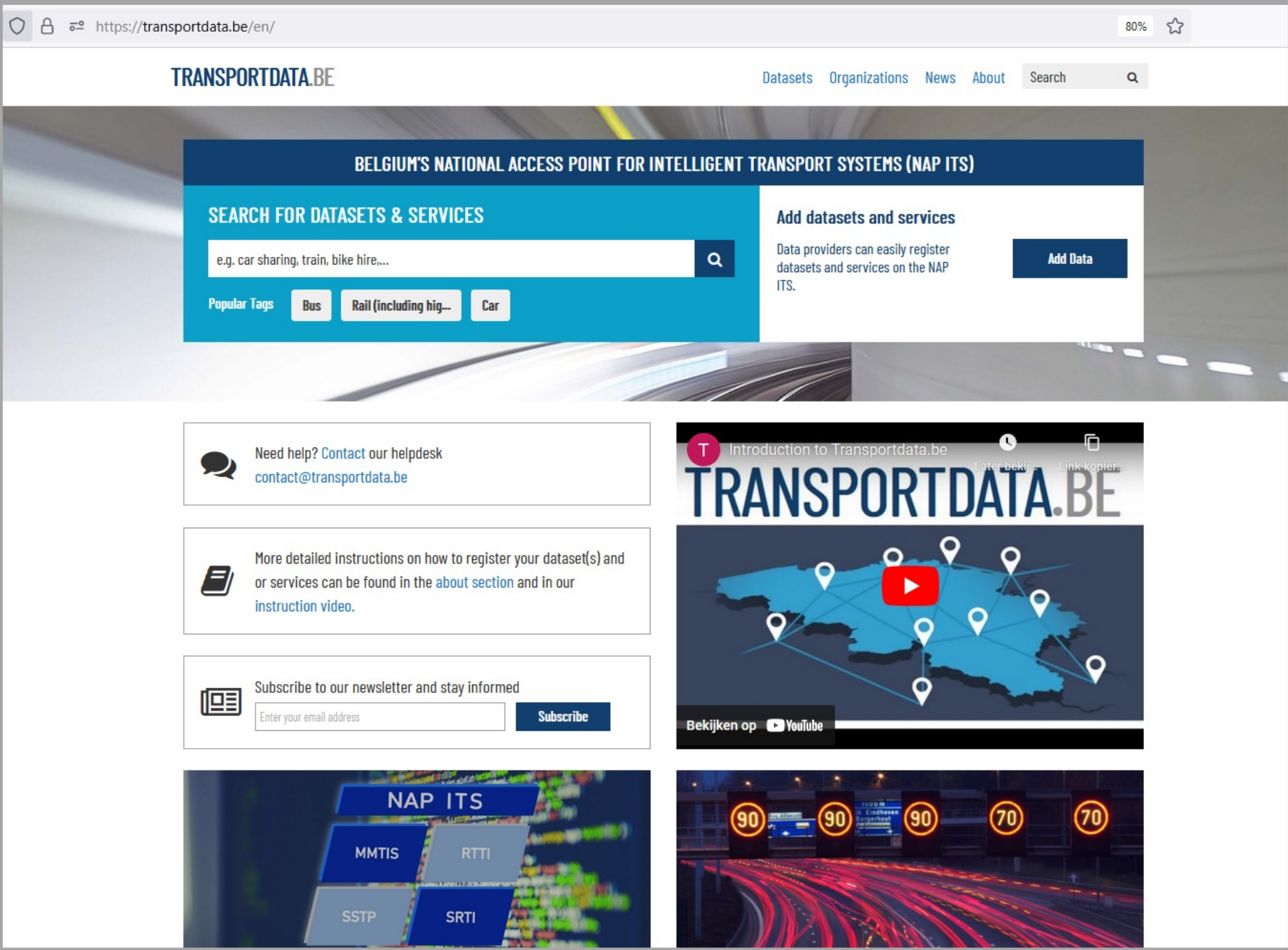


2019: Cooperation agreement ITS - NGI



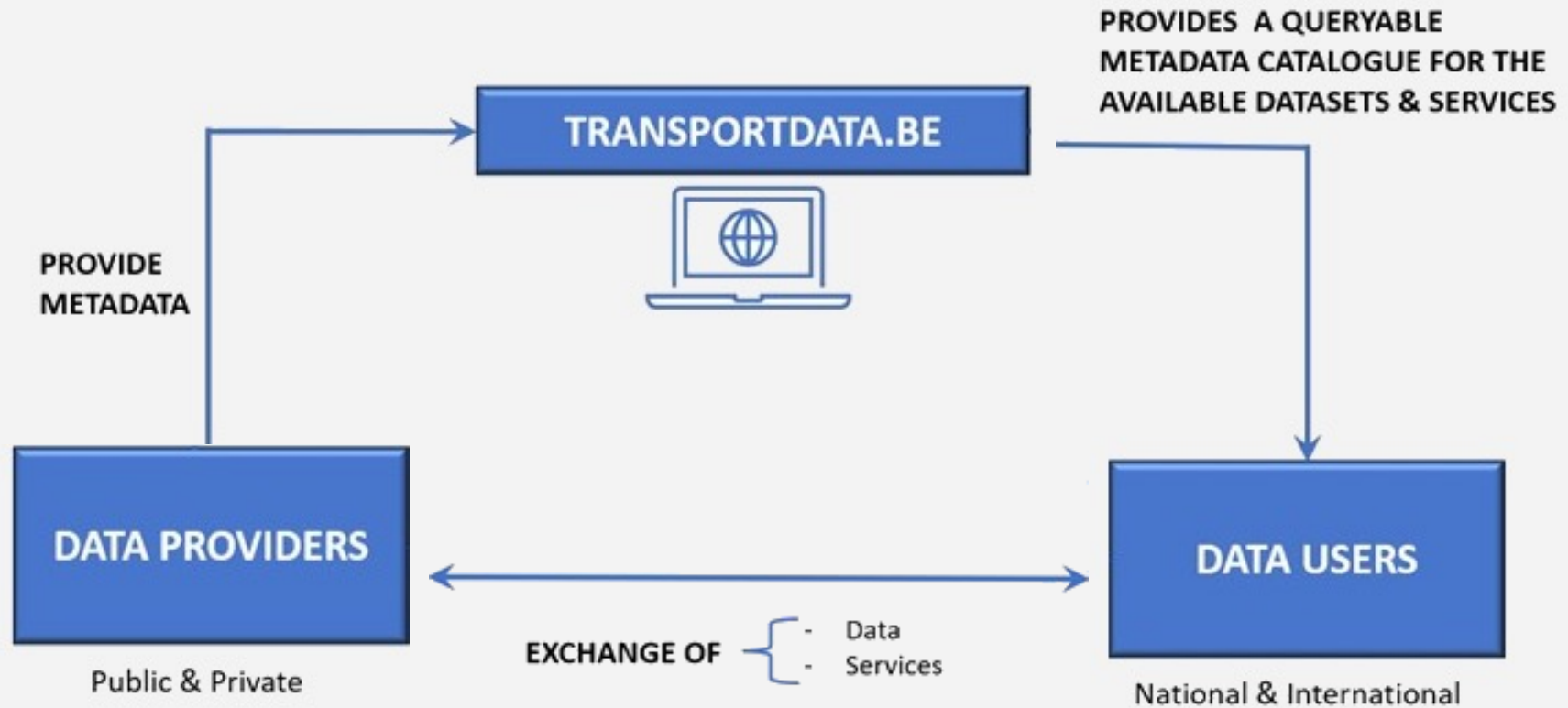
www.geo.be





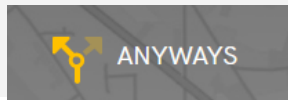
TRANSPORTDATA.BE

Metadata catalogue



ACTIVITIES NGI

- Stakeholderslist
- Inform the stakeholders
 - Newsletter
 - LinkedIn showcase-page
 - Workshops & presentations
 - Press releases
- Helpdesk (contact@transportdata.be)
- Control body



Interview with TomTom

26 July 2021

TomTom is a global market leader in navigation systems. They have a wide range of products and, to this end, also make use of the Belgian NAP, transportdata.be. Bert van den Munchhof, Regional Sourcing Specialist at TomTom, explained to us which datasets are the most interesting to them.



Can you briefly introduce TomTom?

TomTom started out as a true map-maker. We are constantly working to improve our maps and related services, and to expand them more and more local geometries important for door-to-door optimising address points information, traffic signs information

In addition, we want to update what takes place in the real world we are focusing on "Local broader sense instead of just Several of our major products and Travel information Automotive", "Automated Analytics".

Do you use the European NAP?

Yes, we are already using countries. It is very useful to have available on one platform and to stay up to date with the latest. Of the datasets available on both the statistical data and means data for recording road points and speed limits, as well as incident feeds and EVS available. We mainly use the data as a implementation in our map product, but we also use the data. When new address points are added that could be an indication of district needs to be added to

What points for improving NAP?

The quality of datasets on the ground. If there are any issues, it can

report errors in the right way. An example would be a traffic incident feed that sometimes contains closures that in reality have already been lifted. It is not clear



Extension of the geographical scope for MMTIS

Attention: from **December 1st 2023**, the Delegated Act for multimodal travel information services ([EU 2017/1926](#)) will be in effect on the **entire Belgian transport network** instead of only the [TEN-T network](#).

ACTIVITIES NGI



Active member of the European NAPCORE project

Aim NAPCORE : improve interoperability of the European NAPs

- Mobility data standard harmonization (mobilityDCAT-AP)
- Improving interoperability and harmonization of NAPs
- Defining common procedures & strategies



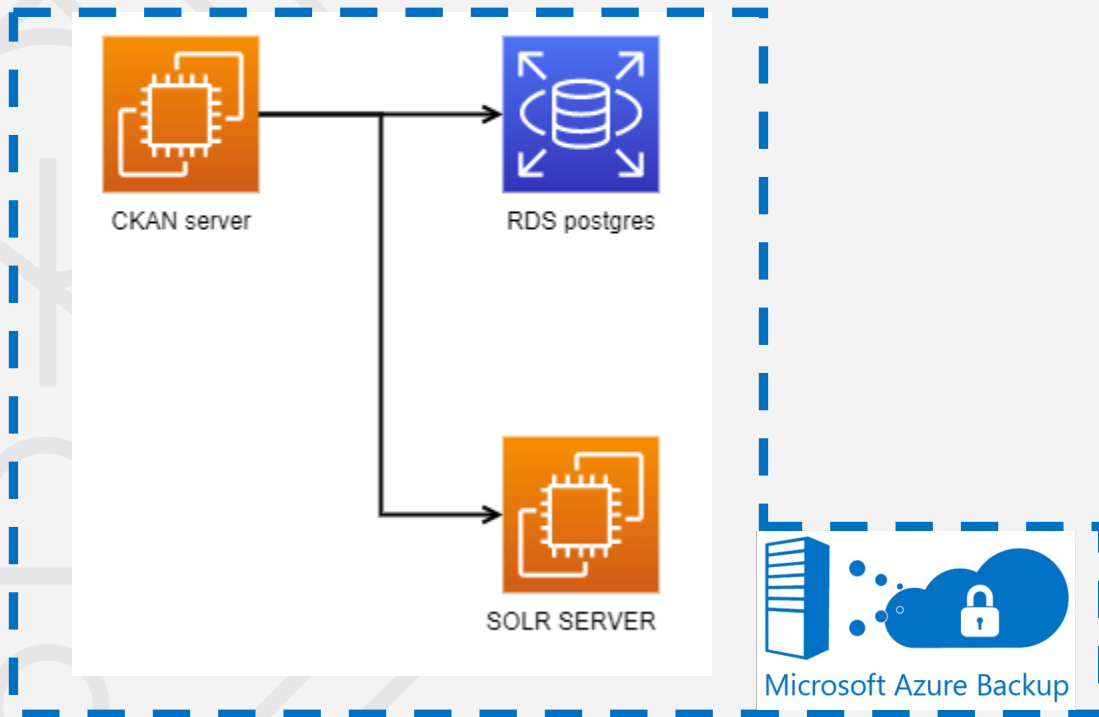
ACTIVITIES NGI

- Website Development & Maintenance
 - Managing and monitoring the developments by the technical partner
 - Drafting of the metadata profile
 - Monitoring the website usage
 - Monthly summary
 - Continuous optimization of the website
 - Set-up of a harvester

The screenshot displays the TRANSPORTDATA.BE website interface. At the top, there is a navigation bar with links for Datasets, Organizations, News, and About, along with a search bar. The main content area is titled 'Datasets' and features a sidebar with various filters such as 'NAP type', 'Dataset Type', 'Transportation modes', and 'Show More Tags'. The transportation modes filter shows counts for Bus (39), Car (35), Rail (including high speed rail) (35), Tram (28), Truck (26), Motorcycle (23), Cycle (21), Car-sharing (20), Pedestrian (20), and Metro (16). The main content area shows a search bar, a '153 datasets found' result, and a list of datasets including 'Accessibility data', 'Address points Belgium - BeST Address', 'All vehicle types and prices', and 'Attribution des retards par mois - Toewijzing vertraging per maand - Monthly ...'. Each dataset entry includes a brief description and a 'Details' button.

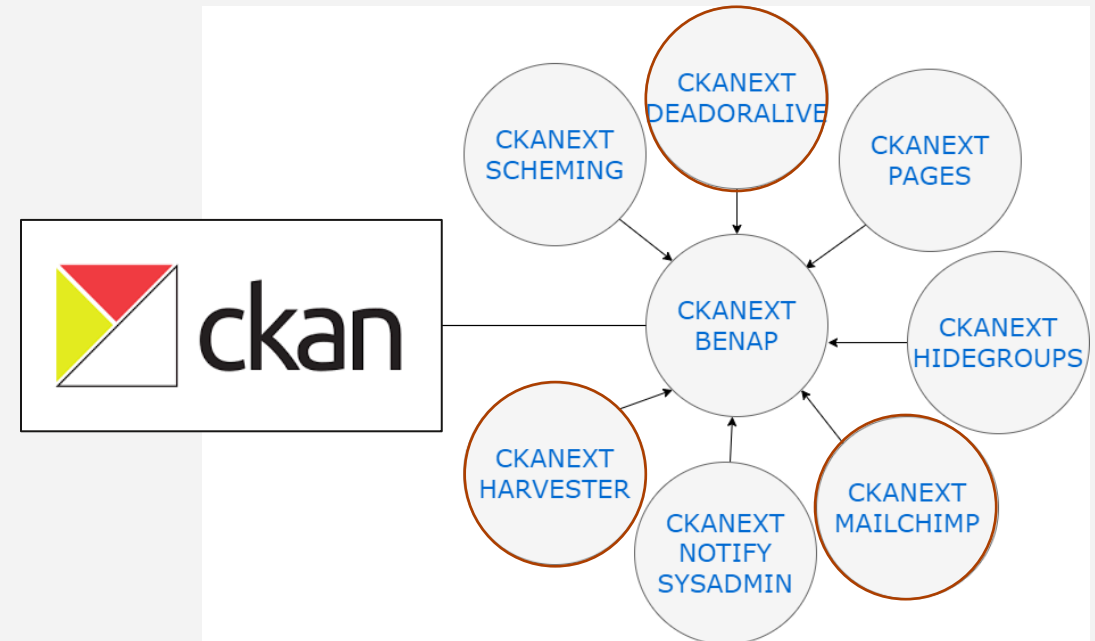
Technical developments

AWS cloud



Flexible & secure

CKAN: Open Source data management system



Standard & custom extentionns

Roadmap: (meta)data harvesting

De Lijn - NeTeX Timetables and planning

Scheduled timetable data in NeTeX format.

Data and Resources

NetEX Timetables and planning

Transportation modes covered

Bus Tram

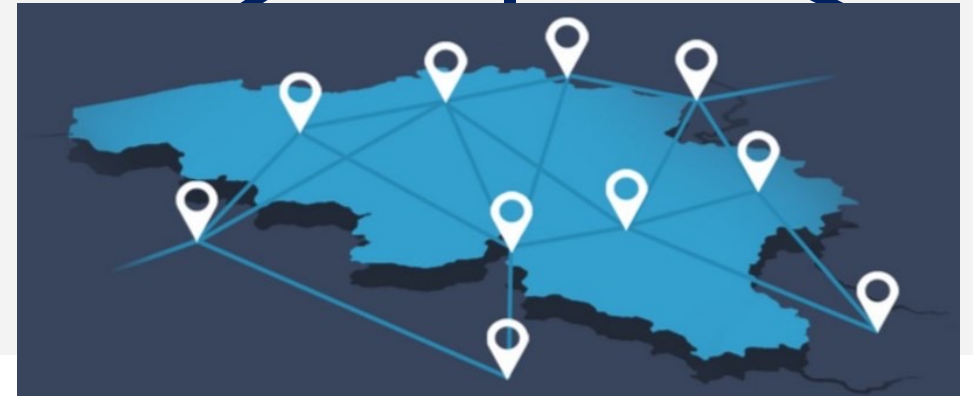
Additional Info

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Metadata date	2023-01-19 15:46:19
Metadata language	English
NAP type	MMTIS - Multimodal travel information services
Dataset Type	Public transport: location information

DCAT-AP
XML/RDF



TRANSPORTDATA.BE



```

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    <dc:keyword>Tram</dc:keyword>
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```

Overview of Transportdata.be in 2022



4.504 (+55%)
total users



9.027 (+77%)
sessions



144 (+37%) datasets
or services registered



70 (+21%) organizations



172 (+48%) followers on
LinkedIn



187 (+21%) subscribers
to our newsletters



4 successful email
campaigns

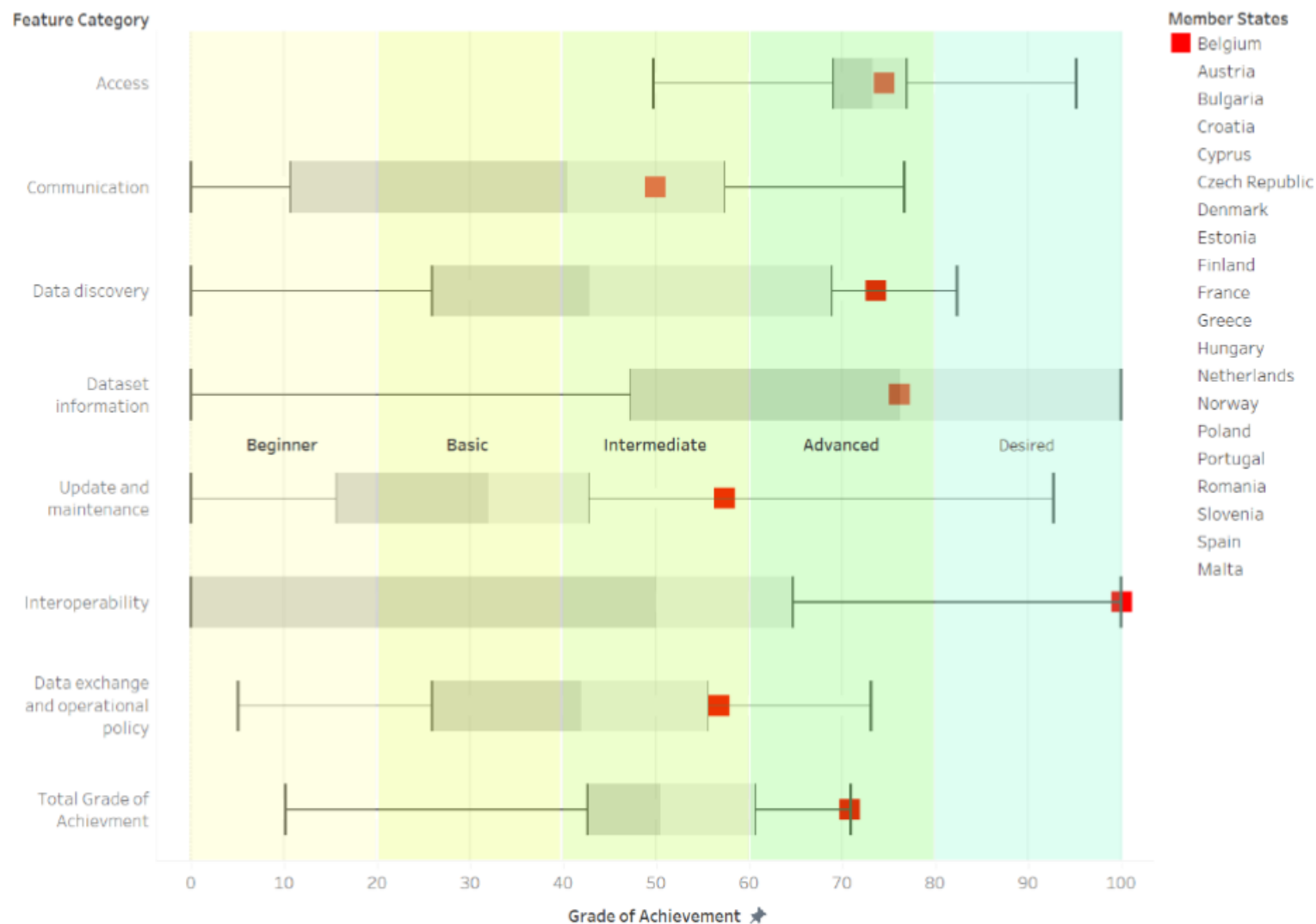


3 motivated NAP
operators

Let's continue to grow in 2023!

a) Belgian NAP's GA per Feature in the EU landscape

- Red squares refer to the Belgian GA for the respective feature
- Maturity levels (from beginner to desired) are displayed using the colours in the background
- Box plot description:
 - **Lower whisker** - minimum GA
 - **Lower hint** - 25% GA quantile
 - **Median** - GA median (50% quantile)
 - **Upper hint** - 75% GA quantile
 - **Upper whisker** - maximum GA



Feature category	Grade of Achievement	Percentile (W-S-B)	Percentile WT (W-S-B)	Maturity
Total Grade of Achievement	70.83	100 (21-0-0)	100 (12-0-0)	Advanced



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