TRANSPORTDATA.BE

The Belgian platform for Multimodal Transport Information Services (MMTIS)

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Belgian steering committee

its
Intelligent Transport Systems

NGI   IGN
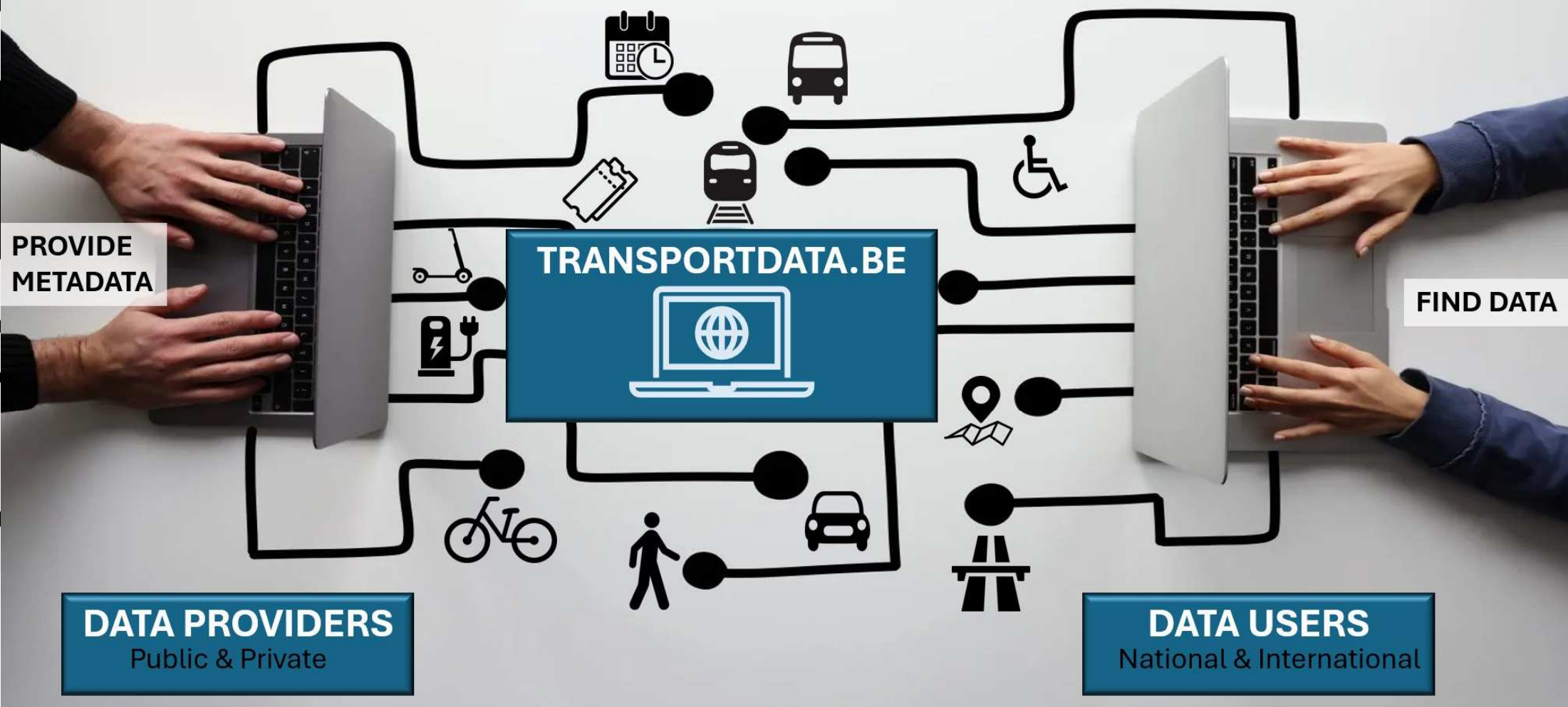
(x)   accessibility of access nodes, and paths within an interchange (such as existence of lifts, escalators);

(xi)   existence of assistance services (such as existence of on-site assistance);

(e)   trip plan computation:

(i)   road network (including segregated lanes for bus/taxi);

(ii)   cycle network (cycle tracks, cycle lanes, bus-and-cycle lanes, on-road shared with vehicles, on-path shared with pedestrians);

(iii)   pedestrian network and accessibility facilities.

1.2. Level of service 2

(a)   location search – for transport on demand and personal transport:

(i)   location of parking places (on and off-street), including accessible parking places for persons with disabilities and persons with reduced mobility;

(ii)   Park & Ride stops;

(iii)   Park & Drive stops;

(iv)   bike-sharing stations;

(v)   car-sharing stations;

(vi)   secure bike parking (such as locked bike garage);

(vii)   scooter parking zones;

(b)   information service:

(i)   where and how to buy tickets for scheduled transport, including retail channels, fulfilment methods, payment methods;

(ii)   where and how to pay for parking, including retail channels, fulfilment methods, payment methods;

(c)   auxiliary information – for scheduled transport and transport on demand where relevant:

(i)   basic common standard fares:

—   fare network data (fare zones/stops and fare stages),

MMTIS data categories

1. Static, historic and observed travel and traffic data
   - Locations (adresses, POI's, access nodes, stops & stations...)
   - Trip plans (timetables, network, accessibility, vehicles...)
   - Information service (where and how to buy/book tickets ...)
   - Fare query (fare structure, passenger classes, commercial conditions...)
   - (historic) data on delays and cancellations
2. Dynamic travel and trafic data
   - Disruptions and diversions, real-time status information
   - Occupancy information
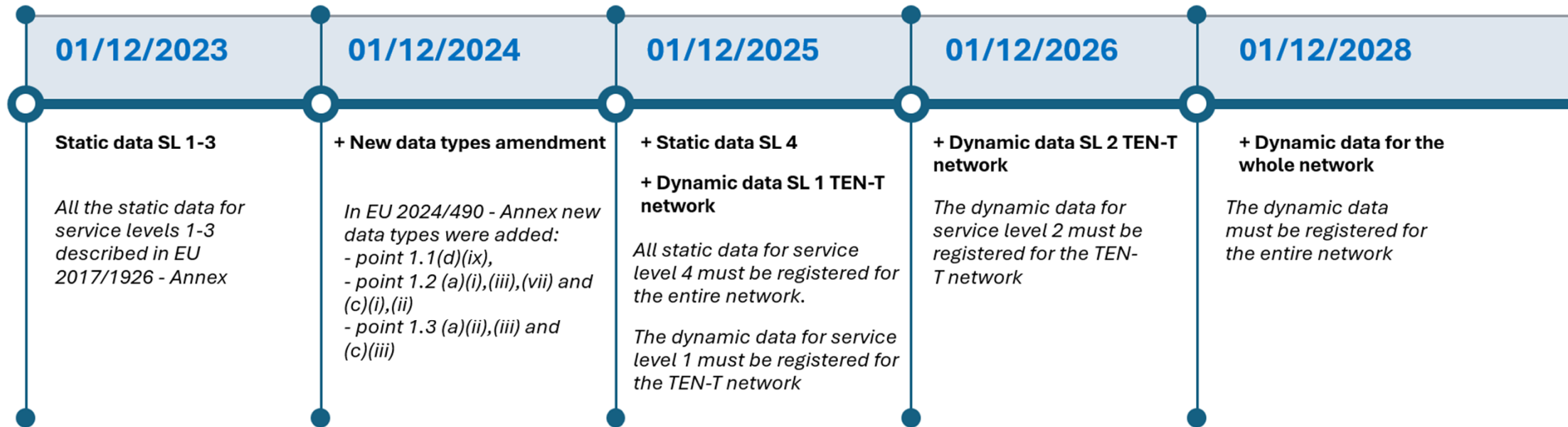   - Availability check

MMTIS data categories

Only data that is already available in a machine readable format

Whom?
- Transport authorities
- Transport operators
- Transport on demand service providers
- Infrastructure managers

Timeline MMTIS data

01/12/2023	01/12/2024	01/12/2025	01/12/2026	01/12/2028
Static data SL 1-3	**+ New data types amendment**	**+ Static data SL 4** **+ Dynamic data SL 1 TEN-T network**	**+ Dynamic data SL 2 TEN-T network**	**+ Dynamic data for the whole network**
All the static data for service levels 1-3 described in EU 2017/1926 - Annex	*In EU 2024/490 - Annex new data types were added: - point 1.1(d)(ix), - point 1.2 (a)(i),(iii),(vii) and (c)(i),(ii) - point 1.3 (a)(ii),(iii) and (c)(iii)*	*All static data for service level 4 must be registered for the entire network.* *The dynamic data for service level 1 must be registered for the TEN-T network*	*The dynamic data for service level 2 must be registered for the TEN-T network*	*The dynamic data must be registered for the entire network*

Sharing, exchange and re-use of data

Common (open) mobility standards:
- Traffic information & data: DATEX II
- Multimodal data: Transmodel, NeTEx, SIRI
- Location data: INSPIRE
- Metadata: MobilityDCAT-AP

Sharing, exchange and re-use of data

Sharing:
- Updated data
- Through the NAPs
- On a non-discriminatory basis

Terms of access and (re-)use:
- Charges for access, exchange and re-use shall be reasonable
- APIs shall be publicly accessible allowing users and end-users to register to obtain access
- Terms and conditions are described in a license agreement and must not unnecessarily restrict LK1 use

Data providers & users shall collaborate to correct any inaccuracies

LK0   Leave this out? (not sure why it is here...)
Any financial compensation shall be reasonable and proportionate to the legitimate costs resulting from providing and disseminating the relevant travel and traffic data
Laura Kupers; 2024-09-05T07:35:12.029

LK1   Described in a license agreement
Laura Kupers; 2024-09-05T07:36:00.917

Sharing, exchange and re-use of data

Re-use of the data:
- Source of data must be indicated
- The data shall be reused in a neutral manner (ranking of travel options transparent)
- Upon request, travel information service providers shall provide to another information service provider routing results
  - Terms and conditions for re-use shall be defined in contractual agreements
  - Any financial compensations shall be reasonable and proportionate to the legitimate costs resulting from providing and disseminating the relevant travel and traffic data

LK0

LK0   I think this is RTTI

Laura Kupers; 2024-09-05T07:48:10.287

Control Body – metadata check

National Control Body:
1. An independent organisation
2. Annual assessment of compliance with the delegated regulations

Assessment:
- Stakeholders *(all)*:
  1. Organisation registered on NAP
  2. Declaration of compliance submitted
  3. Datasets provided on NAP
- Datasets registered *(random sample)*: metadata conformity

Positive assessment
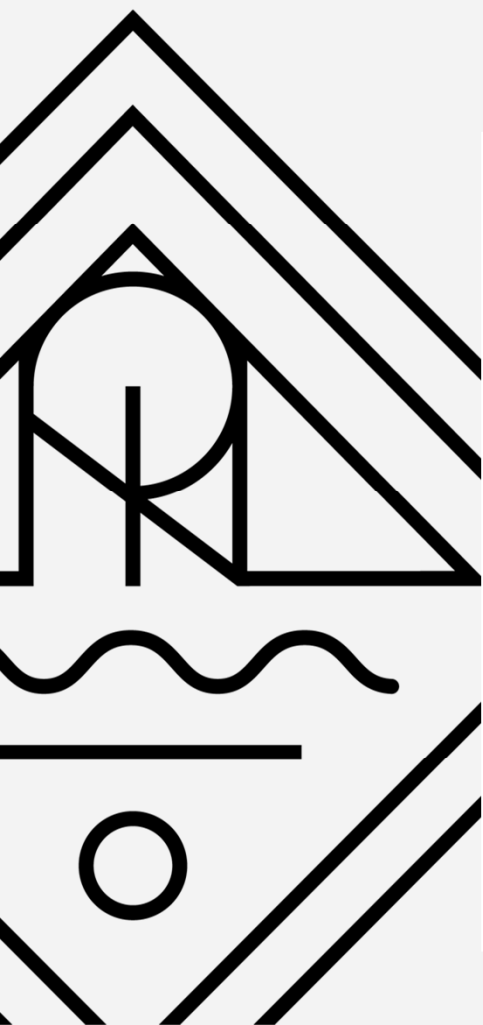
LK0

Transportdata.be : where are we now?

+ 170 datasets

+ 90 organizations

+ 5.9K total users 2023

And still growing

Active NAPCORE partner

4 NAP Operators

Helpdesk:
contact@transportdata.be

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LK0   Deze slide als voorlaatste?
Laura Kupers; 2024-09-05T08:04:53.679

How to use transportdata.be?

🔍	Everyone can search through the data catalogue, no login required

▽	Use keywords or filters to find the data of interest. Automated access by CKAN-API is possible

🪪	Use the contact details of the organization (in metadata) if necessary to get access to the data

💡	In the "about" section you find lots of information & the FAQ

follow 👆	If logged in, you can follow organizations or datasets of interest and stay updated

📄	For re-use consult the license terms of the specific dataset
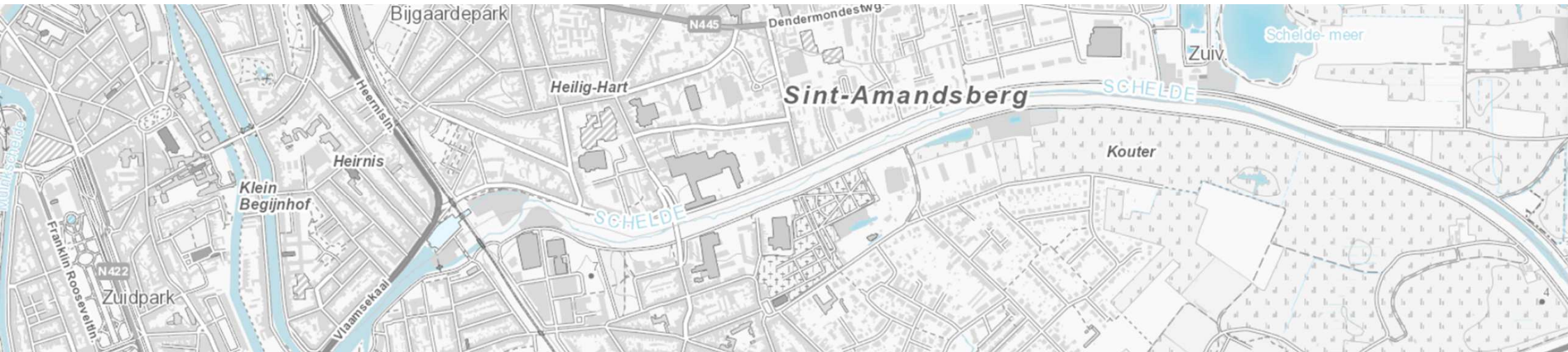
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