TRANSPORTDATA.BE

THE BELGIAN NATIONAL ACCESS POINT FOR INTELLIGENT TRANSPORT SYSTEMS (NAP 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

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

Transport modes

Data types

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
Metadata catalogue

TRANSPORTDATA.BE

PROVIDE METADATA

DATA PROVIDERS
Public & Private

EXCHANGE OF
- Data
- Services

DATA USERS
National & International

PROVIDES A QUERYABLE METADATA CATALOGUE FOR THE AVAILABLE DATASETS & SERVICES
ACTIVITIES NGI

• Stakeholderslist
• Inform the stakeholders
  o Newsletter
  o LinkedIn showcase-page
  o Workshops & presentations
  o Press releases
• Helpdesk ([contact@transportdata.be](mailto:contact@transportdata.be))
• Control body
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
Technical developments

AWS cloud

CKAN server ➔ RDS postgres ➔ SOLR server

Flexible & secure

Microsoft Azure Backup

CKAN: Open Source data management system

Standard & custom extensions
Roadmap: (meta)data harvesting

DCAT-AP
XML/RDF

TRANSPORTDATA.BE
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

### Table:

<table>
<thead>
<tr>
<th>Feature category</th>
<th>Grade of Achievement</th>
<th>Percentile (W-S-B)</th>
<th>Percentile WT (W-S-B)</th>
<th>Maturity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Grade of Achievement</td>
<td>70.83</td>
<td>100 (21-0-0)</td>
<td>100 (12-0-0)</td>
<td>Advanced</td>
</tr>
</tbody>
</table>
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