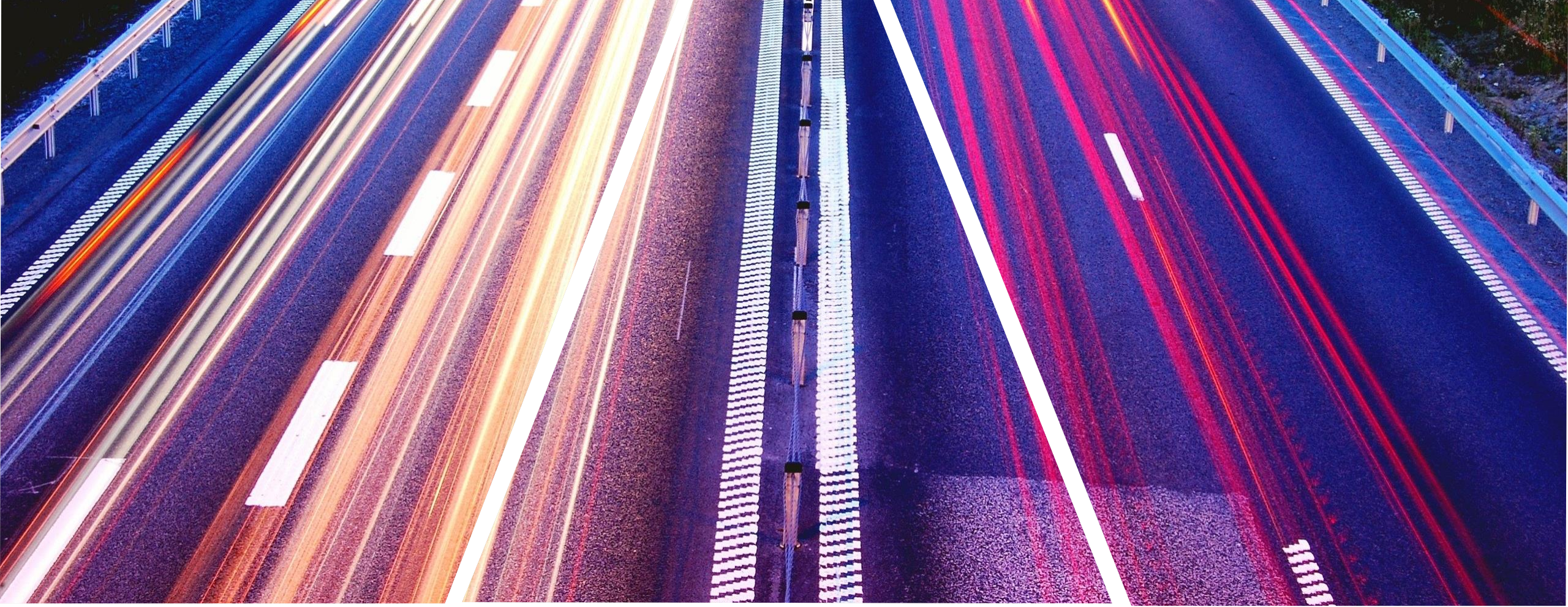




Digiroad

National Road and Street Database

Minna Huovinen & Jani Lehenberg, Väylävirasto

Digiroad is a national database that contains the geometry of the Finnish road and street network featured with the most important road attribute data. It is in use free of charge as a open data.

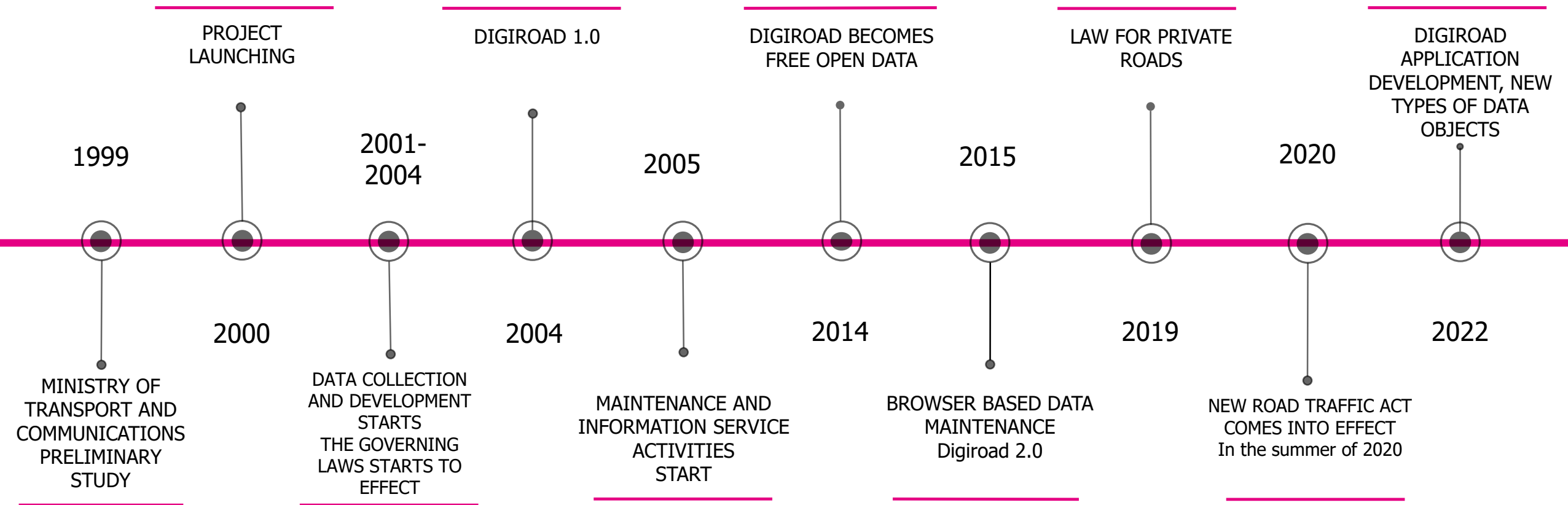


Väylävirasto

The Finnish Transport Infrastructure Agency (FTIA) owns the Digiroad system and is responsible for its operation, development and disclosure.

Municipalities, private roads with road associations, Centre for Economic Development, Transport and The Environment (ELY), National Land Survey (NLS) and competent authorities, eg HSL, Föli in co-operation with the FTIA are responsible for maintaining the material.

A SHORT HISTORY OF DIGIROAD



Digiroad is governed by laws



Valtioneuvoston asetus tie- ja katuverkon
tietojärjestelmään tallennettavista
ominaisuustiedosta (997/2003)



Laki tie- ja katuverkon
tietojärjestelmästä (991/2003)



Yksityistielaki (560/2018)

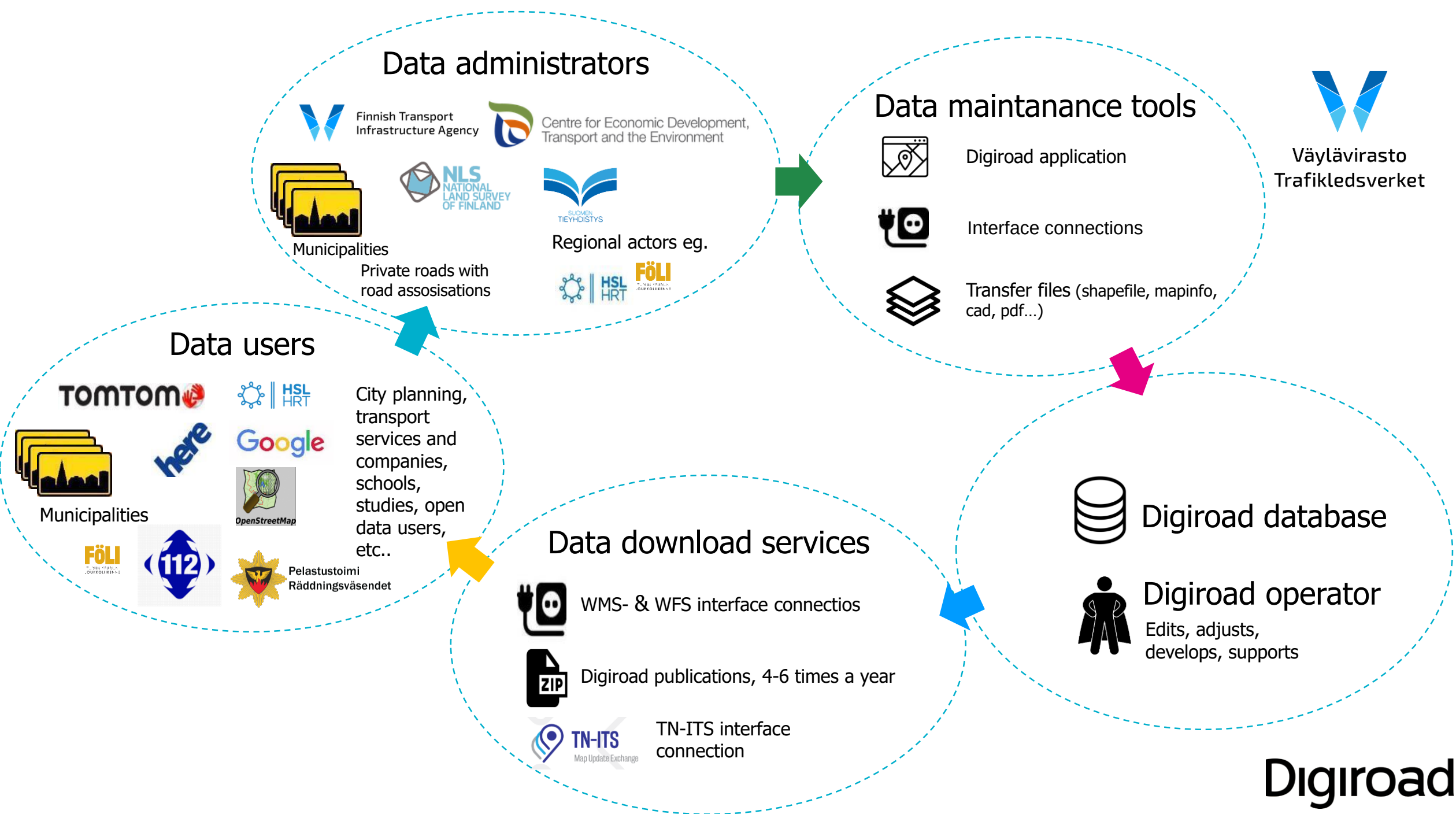


Tieliikennelaki 729/2018
(voimassa 6/2020)

**SPEED LIMIT • PEDESTRIAN CROSSING • BRIDGES •
UNDERPASSES • SURAVAGE • TRAFFIC VOLUME • LIT
ROAD • ADDRESS DATA • RAILWAY CROSSING •
PRIVATE ROADS • RESTRICTED MANOEUEVER • PUBLIC
TRANSPORT STOP • SUBSCRIPTION NUMBER • PAVED
ROAD • MAXIMUM ALLOWED RESTRICTIONS •**



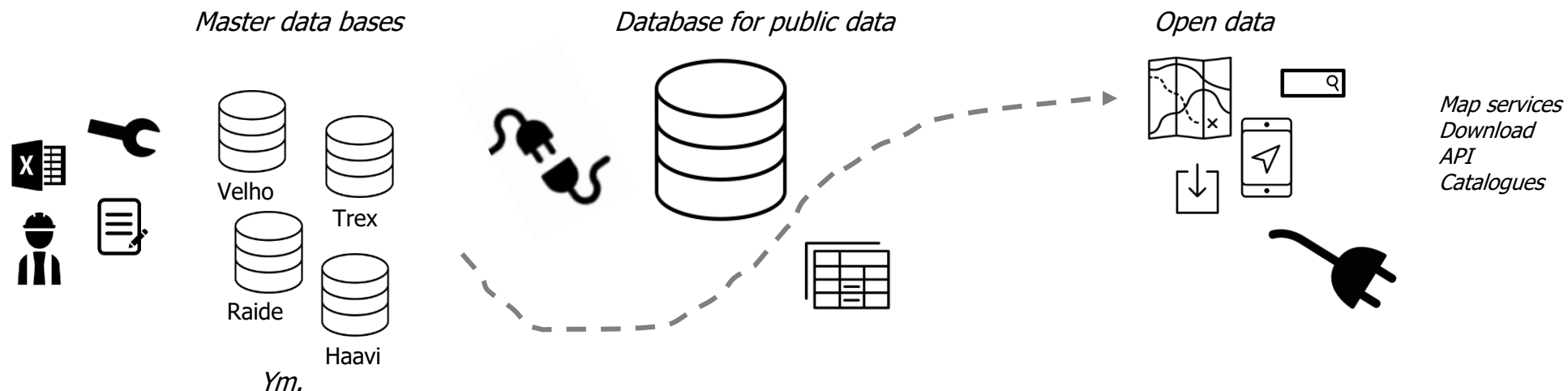
Väylävirasto



FTIA – Open data services

www.vayla.fi/avoindata

- [Download- and viewing service](#)
 - 274 open GIS-data layers
- API: [WMS/WFS](#) (FTIA's open APIs and INSPIRE datasets)
- [Download service](#)
 - Large data sets like the Finnish road network and Digiroad.
- [Thematical maps](#)
 - Road network, Railway network, Waterways and common
- Metadata
 - [Paikkatietohakemisto](#), [avoindata.fi](#)



- Digiroad-publication (.shp, .gpkg)
- Bus stops (GTFS)

Download service

Id	Object	Created	Updated
1	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
2	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
3	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
4	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
5	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
6	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
7	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
8	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
9	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01
10	Download Digiroad data (shp, gpkg)	2023-01-01	2023-01-01

Download- and viewing service



~ 41 data layers (.shp)

API

```

// Example API call
GET https://api.digiroad.fi/v1/roads?format=json
// Example API call
GET https://api.digiroad.fi/v1/roads?format=json&limit=100
// Example API call
GET https://api.digiroad.fi/v1/roads?format=json&limit=100&offset=100

```

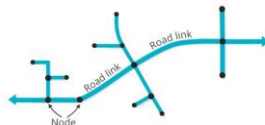
WMS/WFS

.shp
.json
.csv

Changes
TN-ITS (will be published soon)

Description of Digiroad data objects

Description

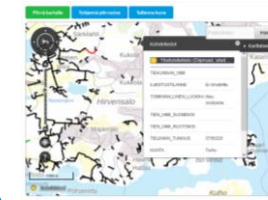


DIGIROAD



www.vayla.fi/digiroad

Thematical maps



Priva roads (form + map)

Give us feedback!

Survey is open until 28.2!

Who is using the data? For what purpose? In what format? Your needs and your thoughts?



- In Finnish: <https://vayla-lv.creamailer.fi/survey/answer/g9vqiyambqane>
- In English: <https://vayla-lv.creamailer.fi/survey/answer/4ye3lce0xymju>

Digiroad contacts

- Customer support Digiroad: info@digiroad.fi
- Phone: 040 507 2301
- Bus stops: pysakit@digiroad.fi
- Private roads: info@digiroad.fi
- SURAVAGE: suunnitelmat@vayla.fi
- [Digiroad newsletter](#) (in Finnish)





Väylävirasto
Trafikledsverket