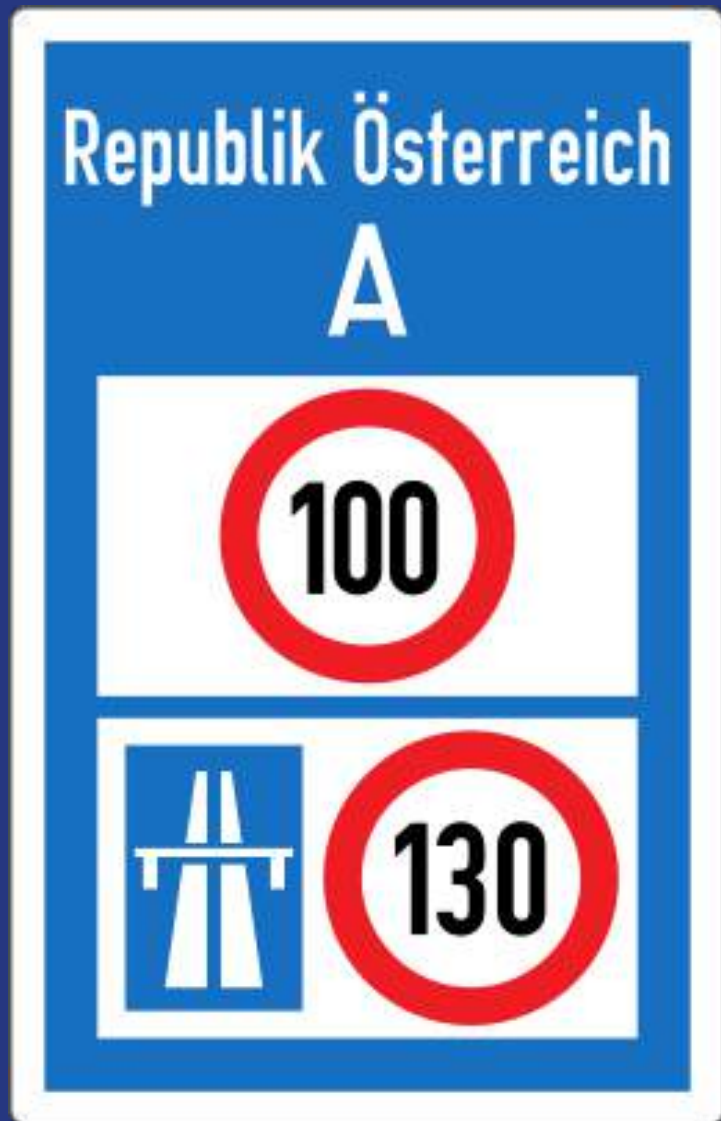


# DATEX II

## DATEX II as a strategic choice

DATEX II Webinar 25<sup>th</sup> November 2020



DATEX II

# About DATEX II

- E- language for road-traffic and travel related information
- For all road-networks (motorway, trunkroads and urban/local roads)
- Like a natural language: grammar and dictionary
- Maintained by stakeholder community
- Standardized stepwise in CEN and ISO
- Local additions are facilitated



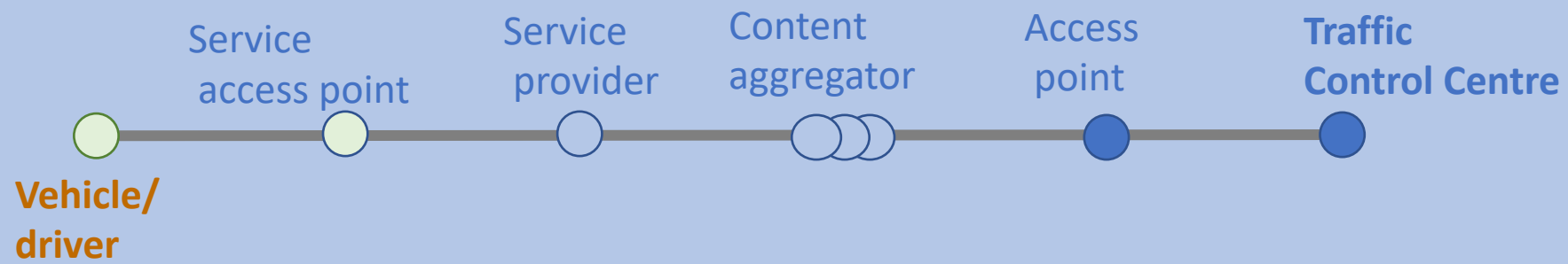
DATEX II

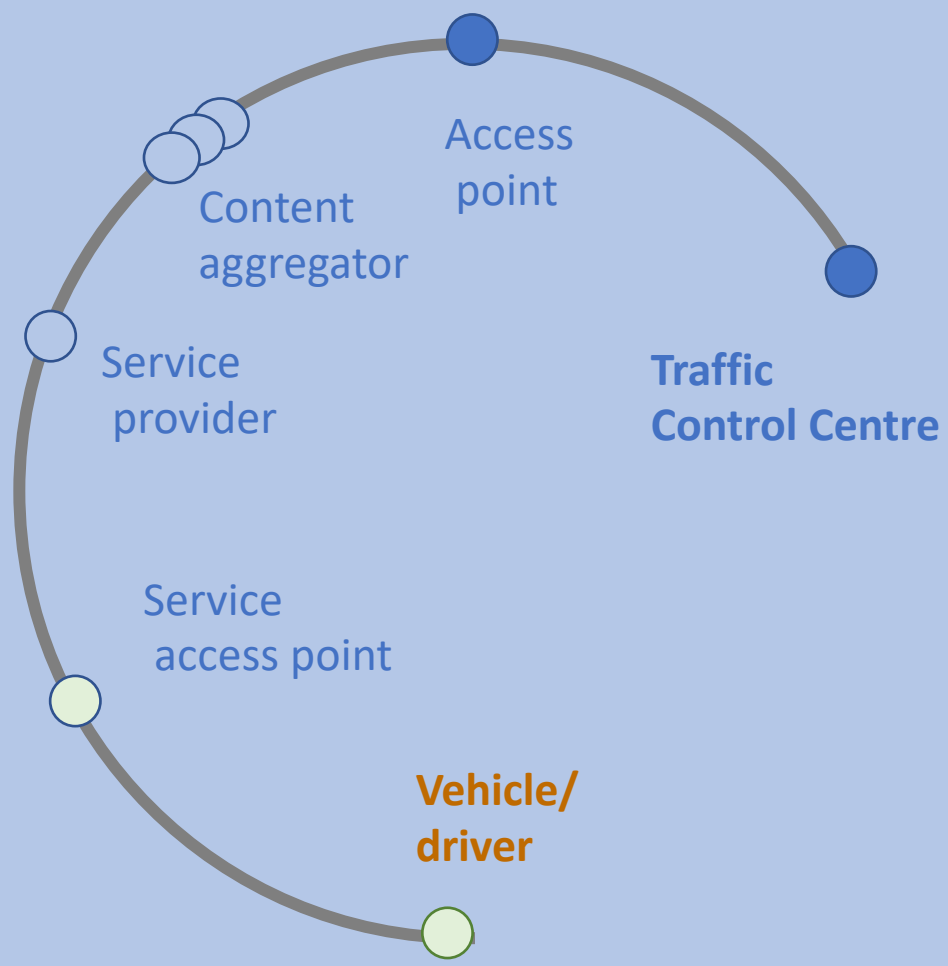


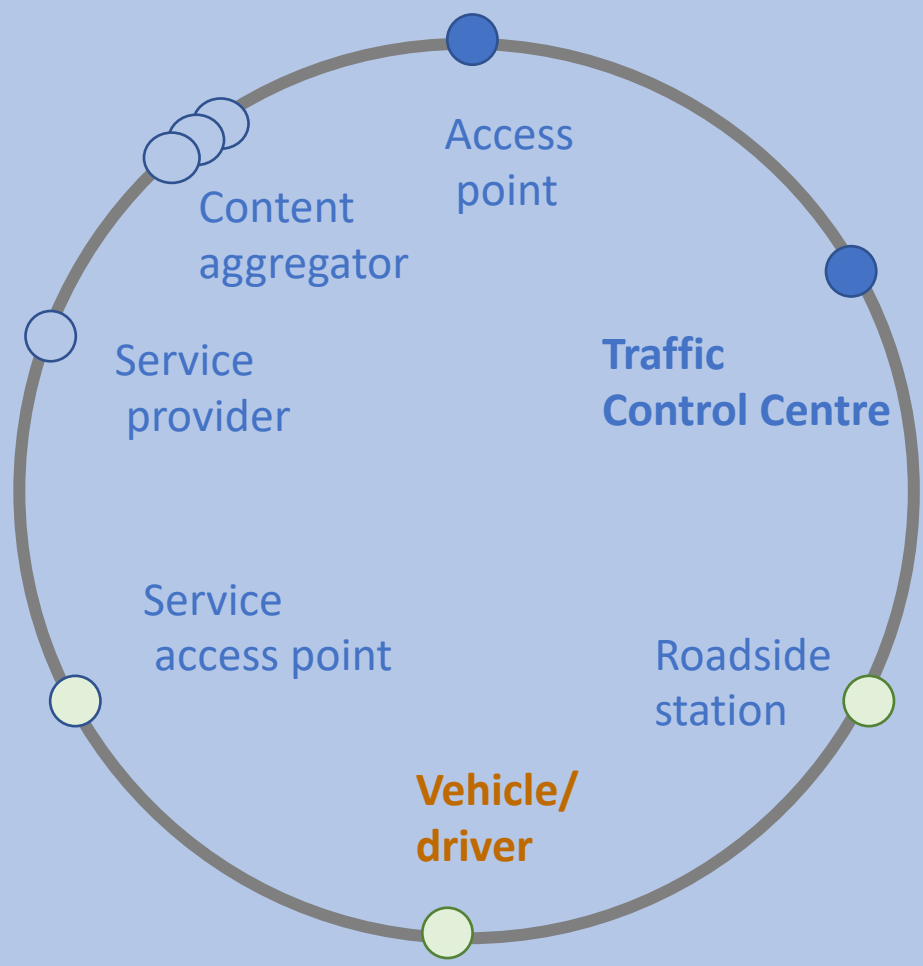
A horizontal line connects a light green circle on the left to a blue circle on the right. The text 'Vehicle/driver' is positioned below the green circle, and 'Traffic Control Centre' is positioned above the blue circle.

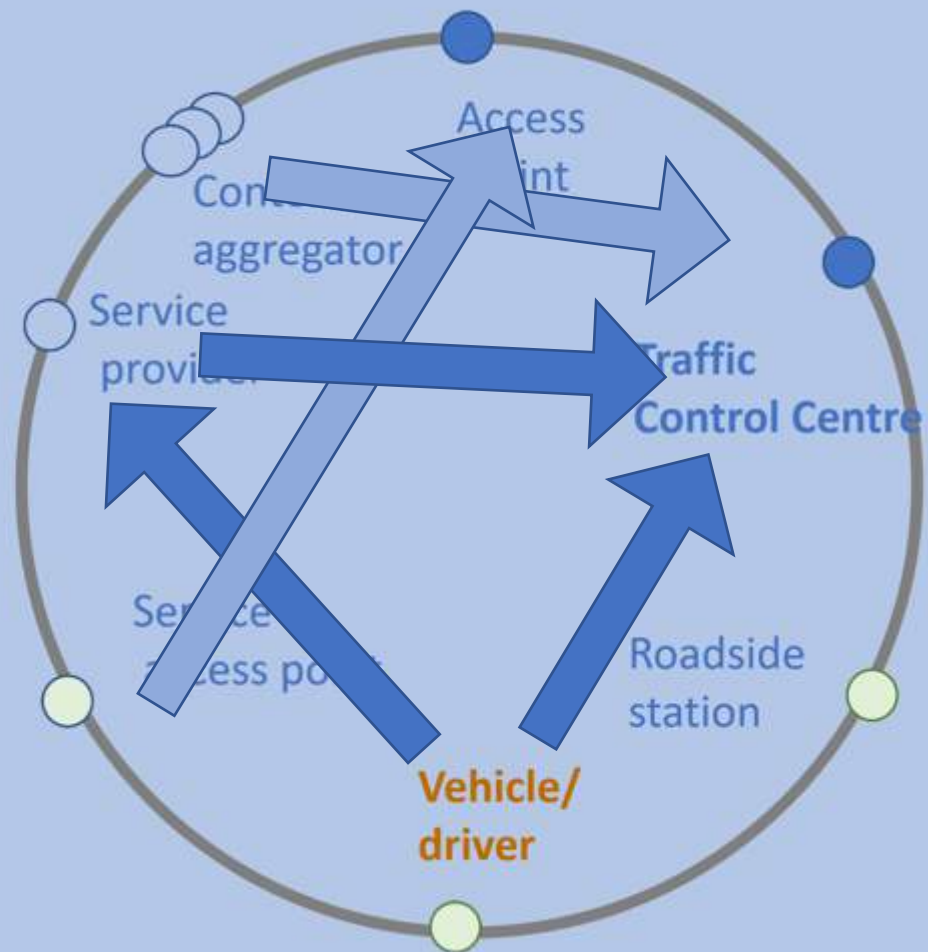
**Vehicle/  
driver**

**Traffic  
Control Centre**











# The content part of DATEX II

- Traffic situations (event driven)
  - Accidents, incidents, traffic disturbances
  - Details like vehicles involved
  - Traffic management measures
  - Roadworks and big events
  - Congestion information
  - Bad weather conditions
- Traffic status (status updates per time)
  - Traffic flow, Traveltimes
  - Weather data (rain, snow, wind, dust etc.)
  - Detector data per second or per vehicle
- Traffic Travel management related
  - VMS settings
  - Parking information
  - Urban specific information
    - traffic light greenphase
    - Traffic management plans in urban context
- Work in progress
  - Revision of Parking
  - Refueling and recharging infrastructure and actual status
  - Traffic Regulations (METR UVAR)

DATEX II

# What is DATEX II v.3.1 ?

- Toolbox

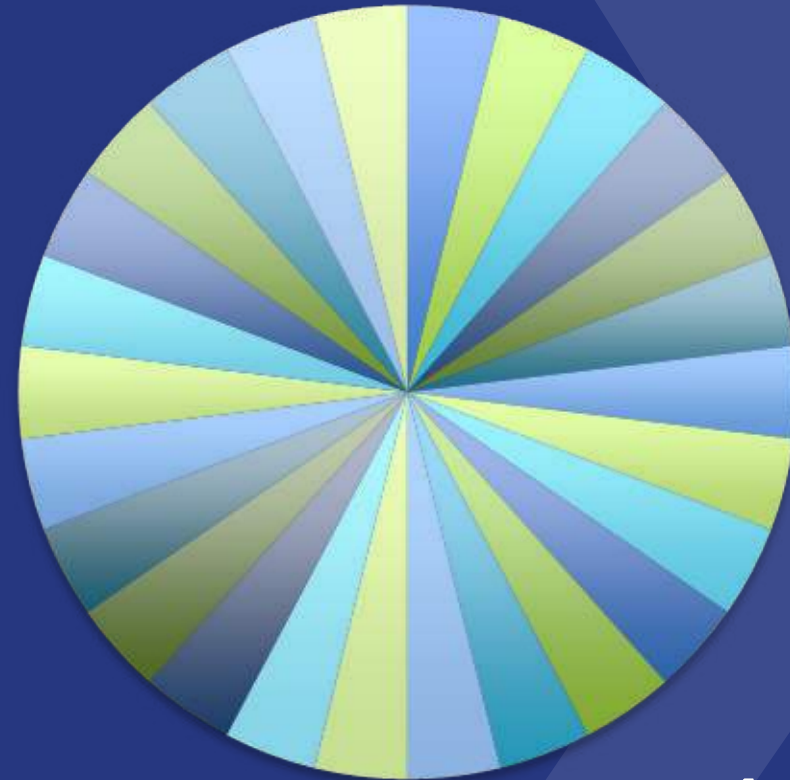
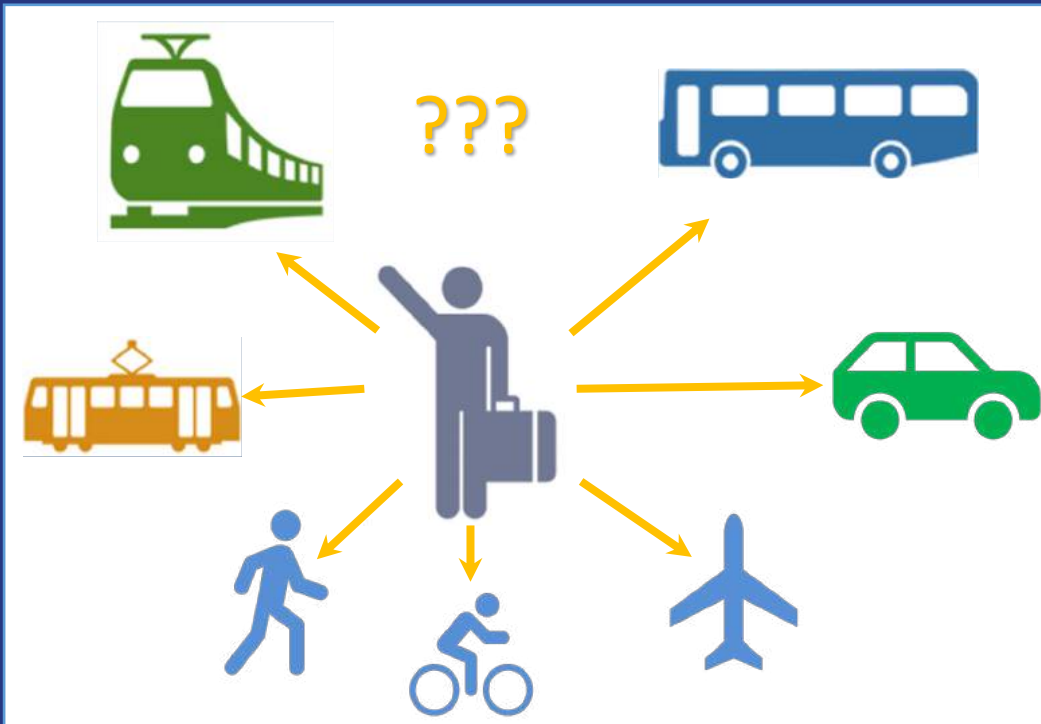
ready to support:

- Provision of detailed traffic and travel information AND traffic management measure information
- Joint Traffic Management operational support
- Open data technologies and information concepts
- Functional packages instead of 1
- Exchange completely separated (now also JSON and ASN.1)
- Profiles per use-case

DATEX II

# DATEX II in the NAP ecosystem

Data accessible via NAP's



COMMISSION DELEGATED REGULATION (EU) 2015/962

of 18 December 2014

supplementing Directive 2010/40/EU of the European Parliament and of the Council with regard to the provision of EU-wide real-time traffic information services

## REGULATIONS

COMMISSION DELEGATED REGULATION (EU) 2017/1926

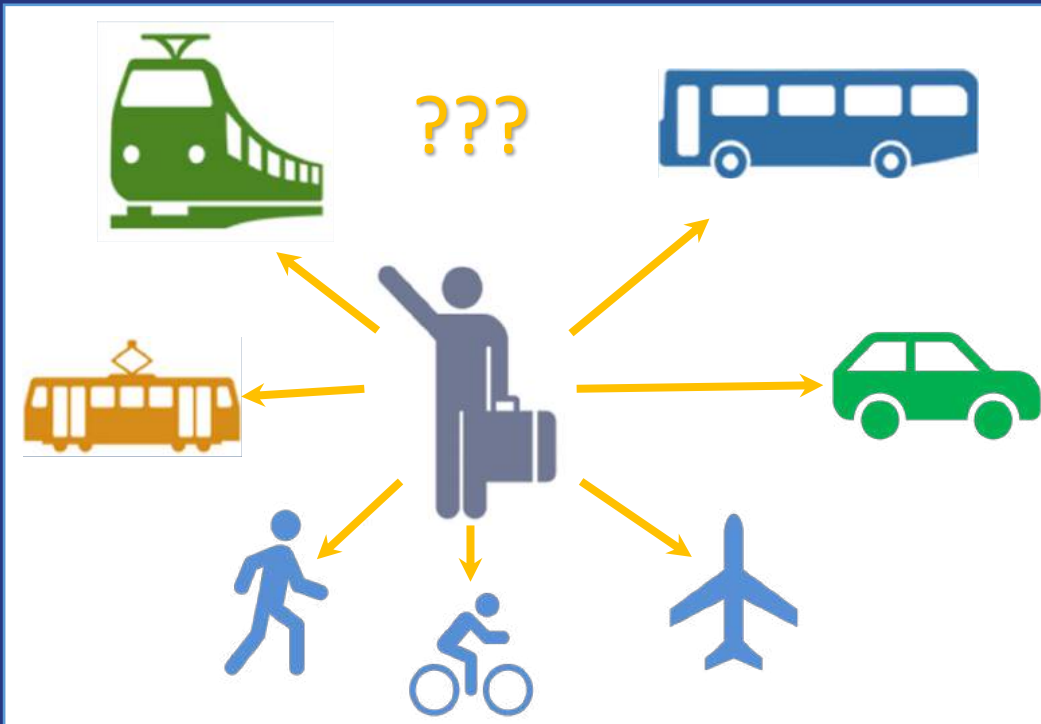
of 31 May 2017

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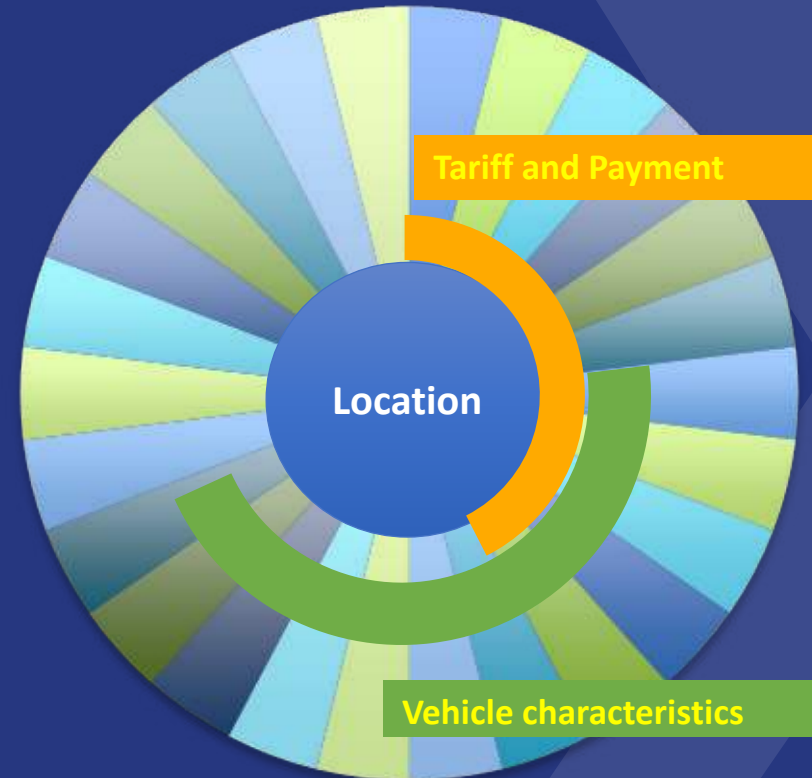
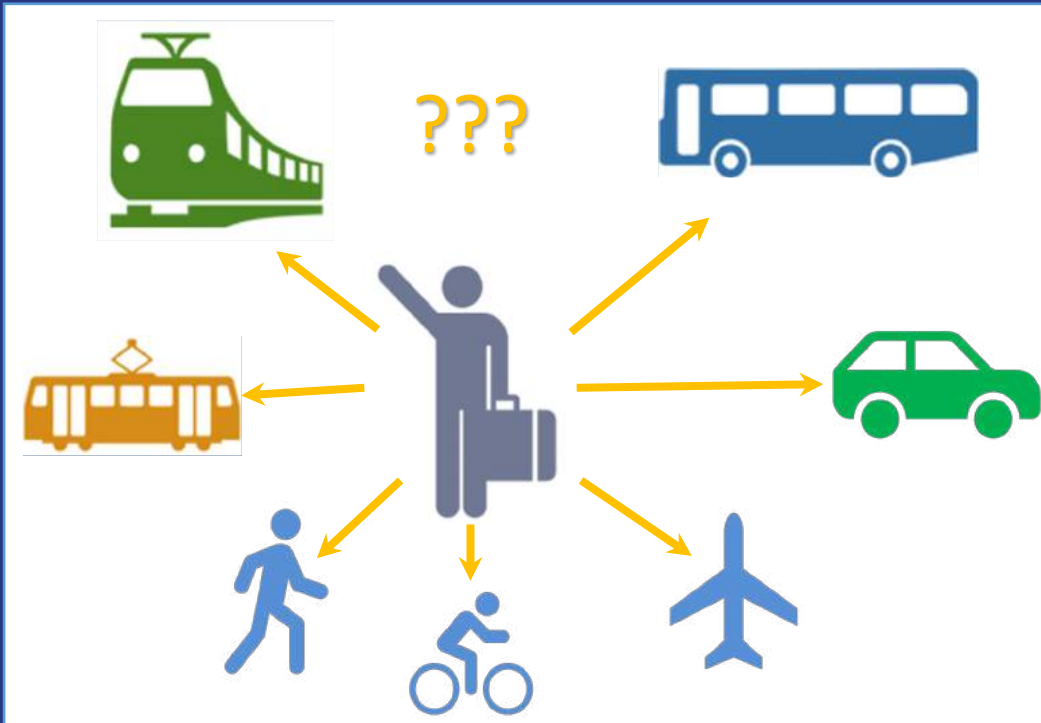
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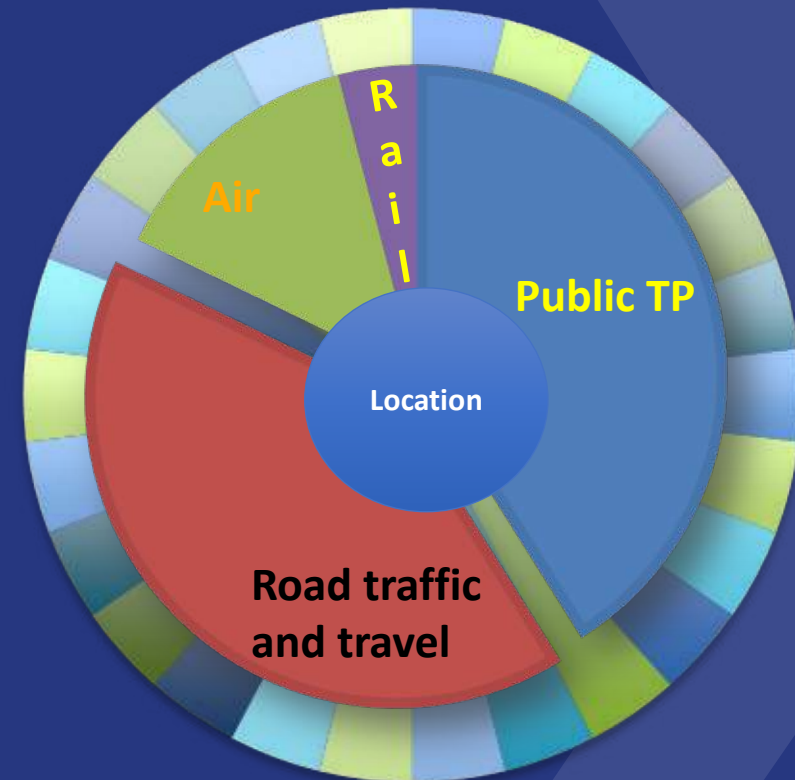
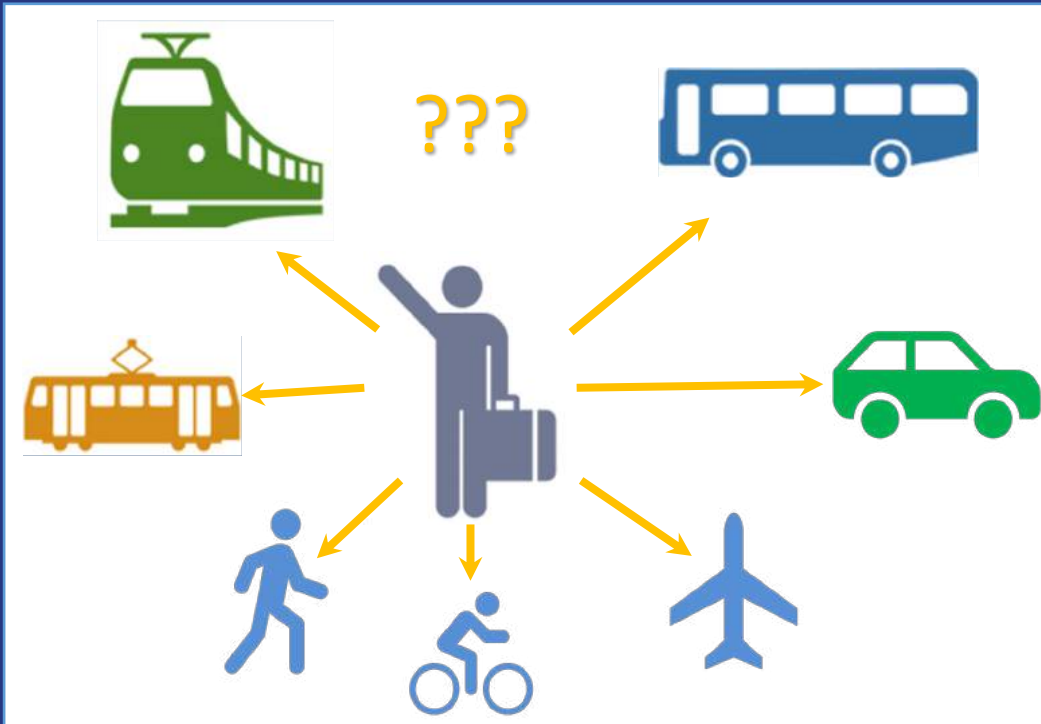
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## REGULATIONS

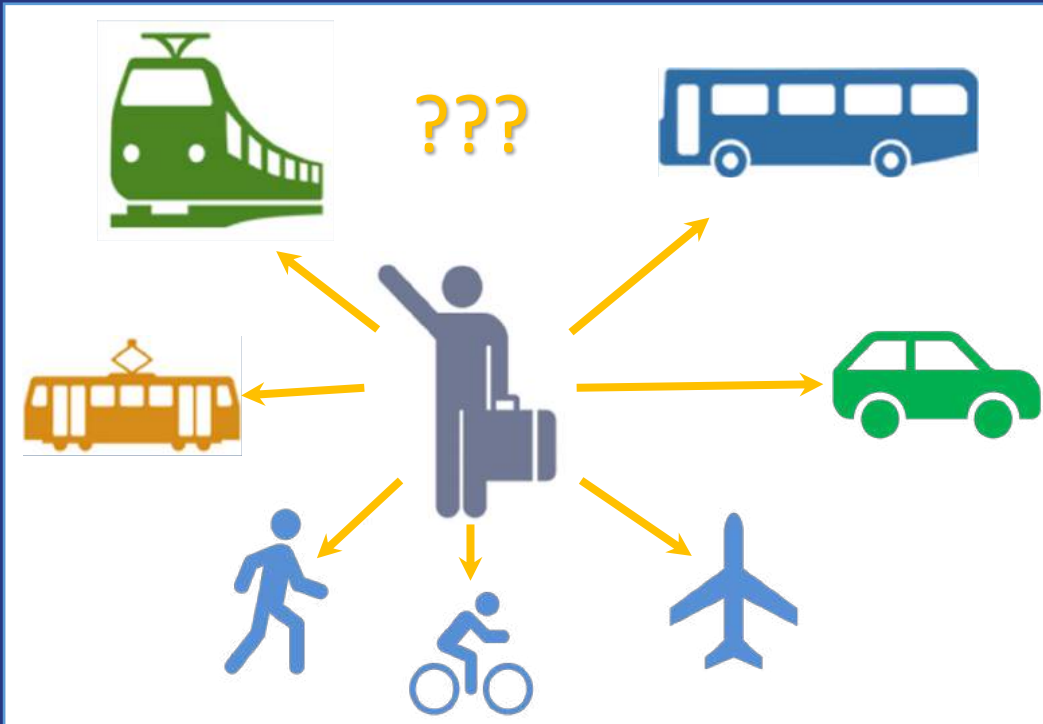
COMMISSION DELEGATED REGULATION (EU) 2017/1926

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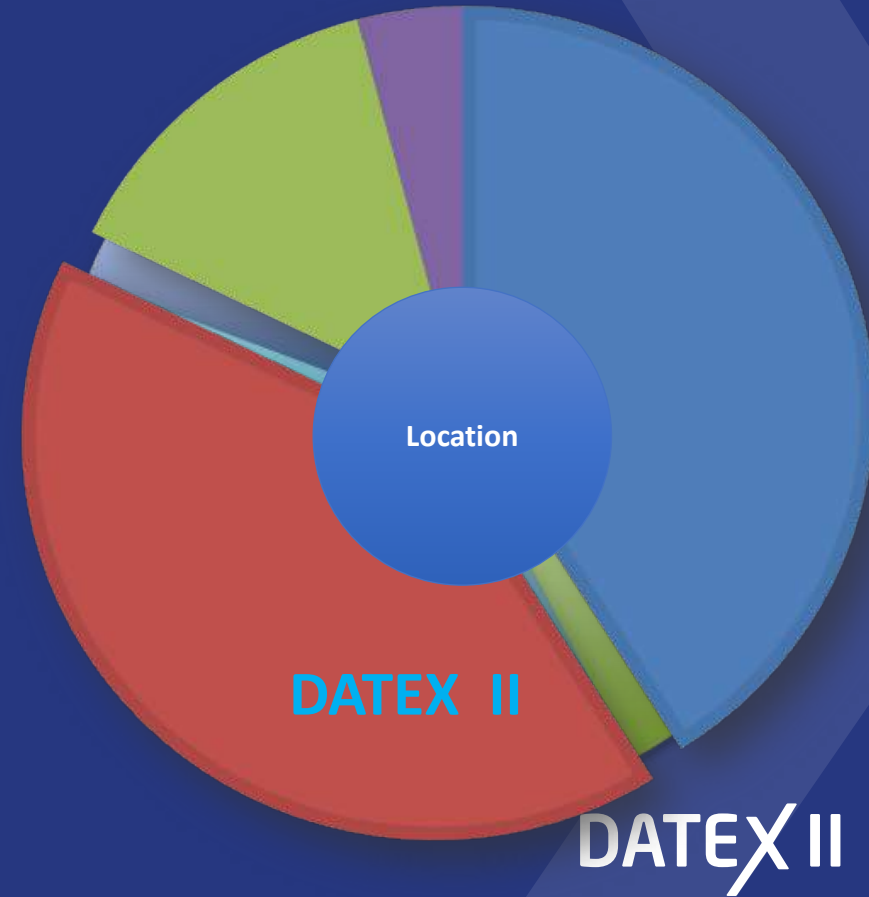
supplementing Directive 2010/40/EU of the European Parliament and of the Council with regard to the provision of EU-wide multimodal travel information services

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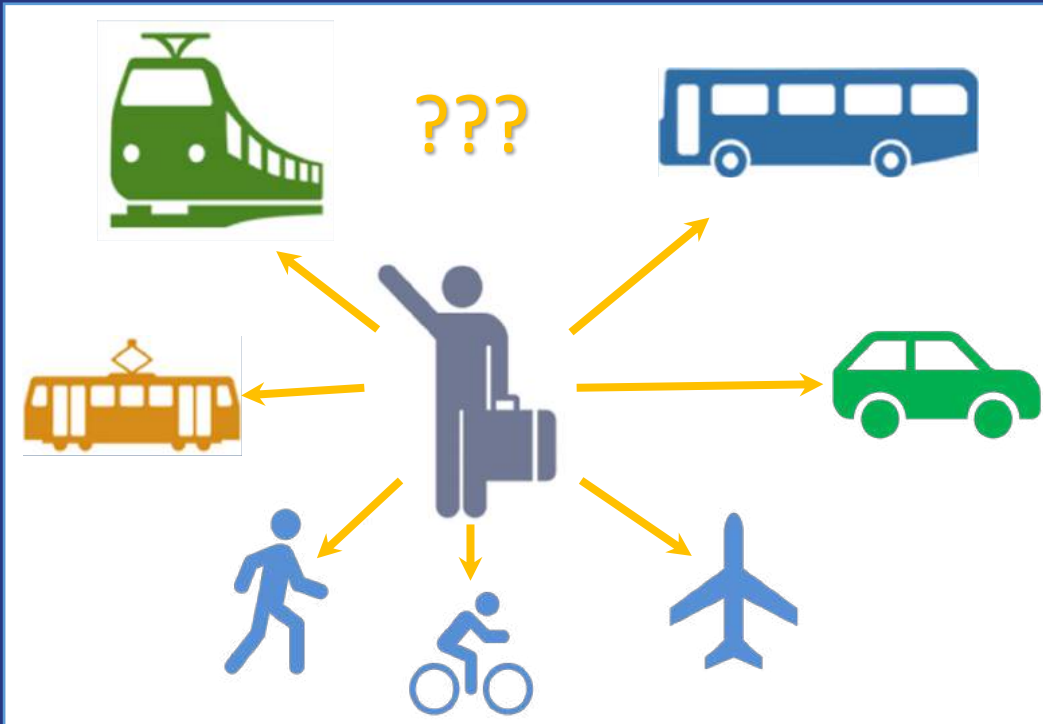
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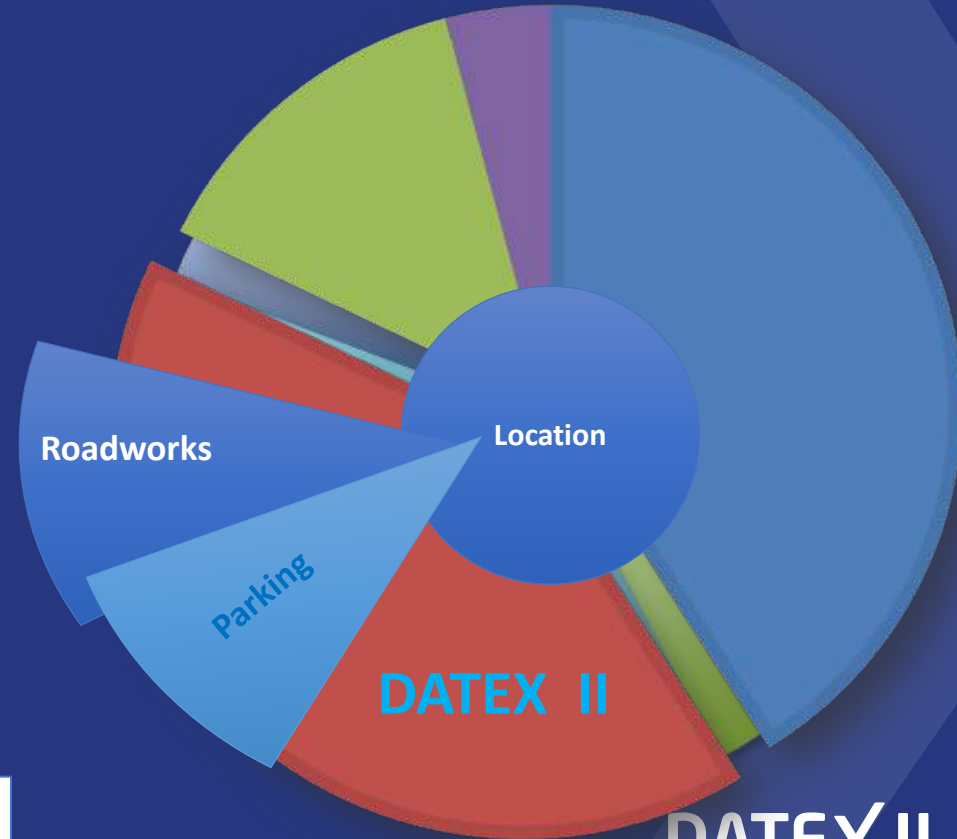
of 31 May 2017

supplementing Directive 2010/40/EU of the European Parliament and of the Council with regard to the provision of EU-wide multimodal travel information services

# DATEX II in the NAP ecosystem



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REGULATIONS

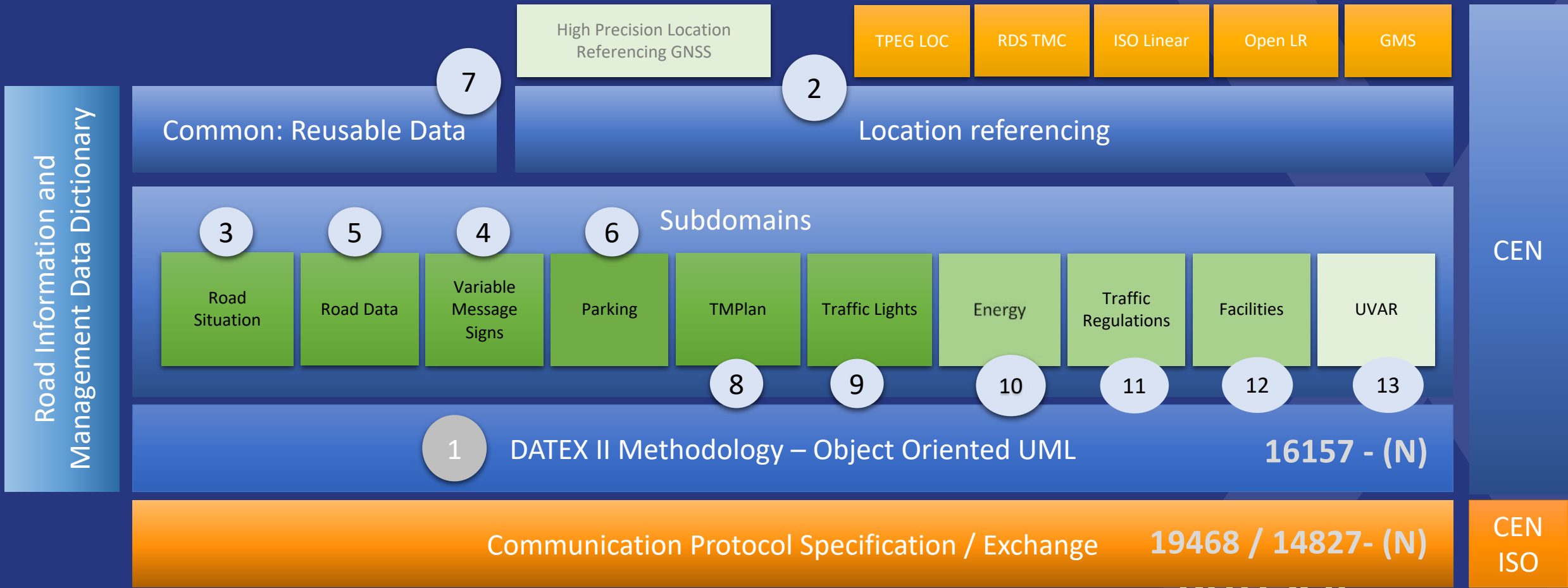
COMMISSION DELEGATED REGULATION (EU) 2017/1926

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# DATEX II Components



Academy | DATEX II

https://www.datex2.eu/support/academy

DATEX II  Home DATEX II NEWS IMPLEMENTATIONS SUPPORT EVENTS CONTACT/LINKS in

# Academy


SUPPORT > Academy

Looking for information tailored to your level?

At the DATEX II Academy, you will find all the information available about DATEX II (guides, specifications, etc.).

For the convenience of the different kind of users, the information is categorized and structured in three support levels as shown below.

Please click [here](#) to be taken to the DATEX II Academy.

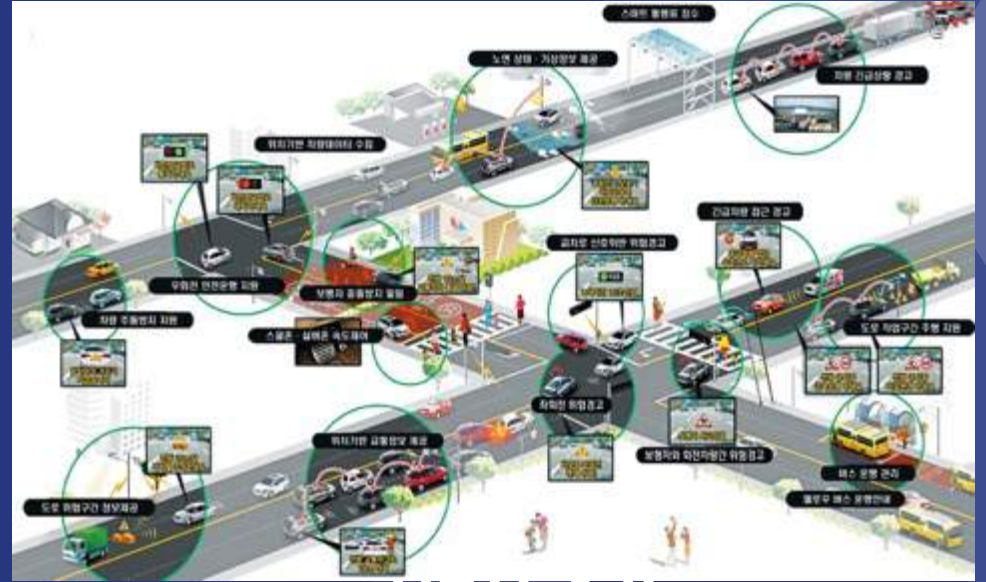
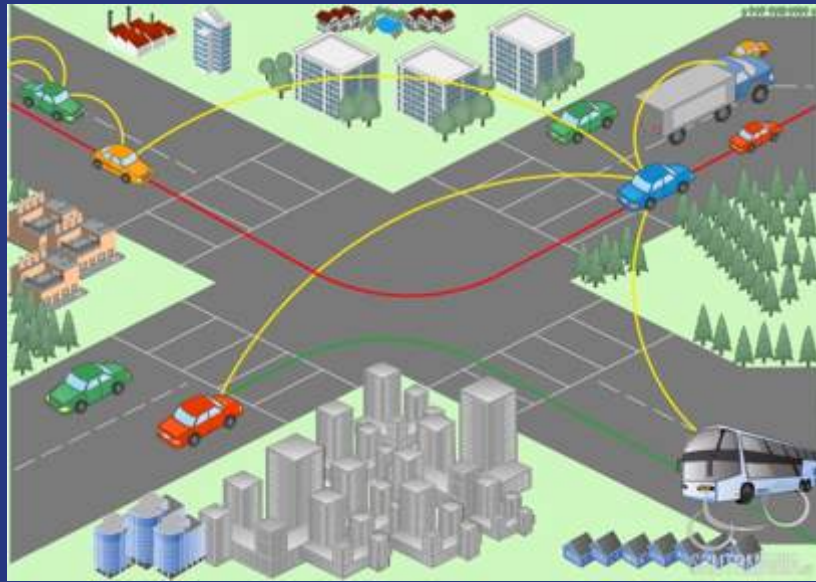


**LEVEL 3**  
Expert user is able to assemble own profiles

**LEVEL 2**  
Meant for more experienced users using prepackages

**LEVEL 1**  
Tailored for basic users using standard case driven profiles

DATEX II



DATA II





DATEX II

# Standardisation? The will to cooperate



Each actor has to maintain receiving asynchronous different interfaces in terms of:

- Information model
- Location referencing standards

DATEX II

# DATEX II

- Is The EU-information model for road traffic and travel information and management
- Develops standards and support for your processes.
- Provides a set of standard that has an harmonized and aligned content in a coherent ecosystem of traffic and travel information and management standards
- Growing and rejuvenating international pool of experts
- Stakeholderbased governance model launched in 2021

DATEX II