

DATEX II

ITS enabled by DATEX II

Bard de Vries
Chair DATEX II TMG



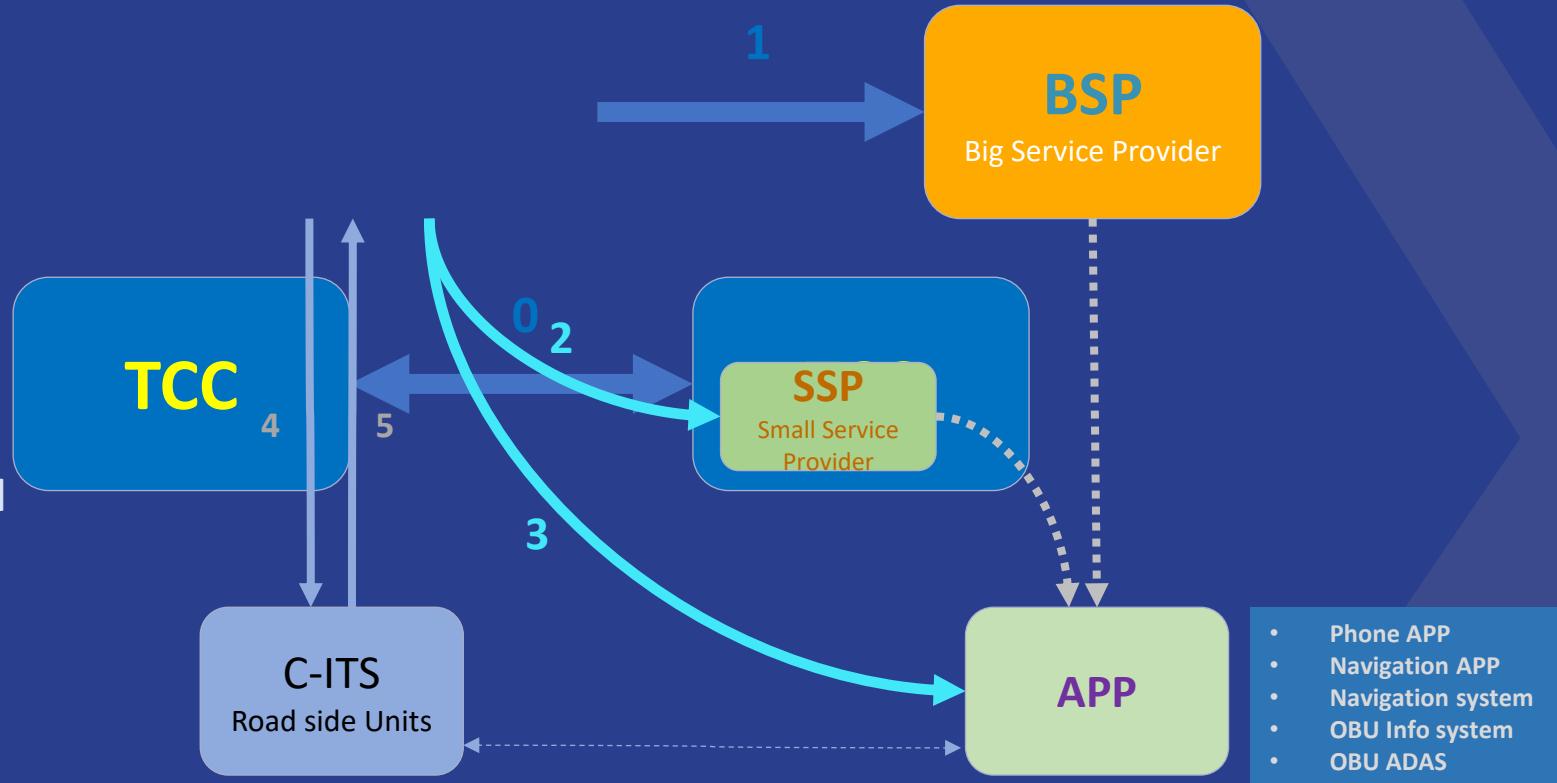
Information challenge



DATEX II

DATEX II Positioning

- 0. Original interface
- 1. DATEX XML full model
- 2. DATEX Light
- 3. DATEX Light
- 4. Message protocol
- 5. Message protocol



DATEX II

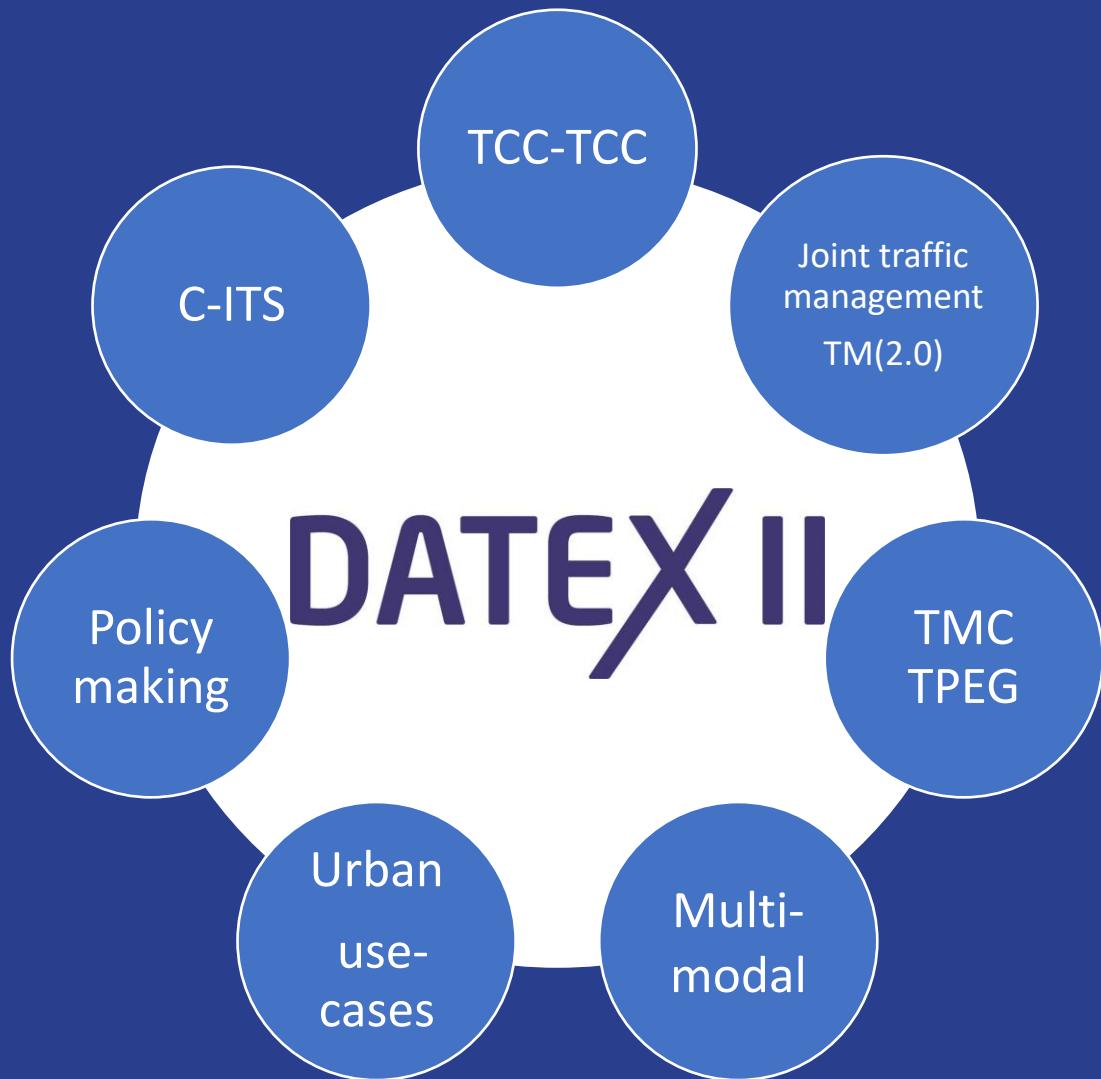
Legislation

How many delegated acts mention DATEX II as the carrier of information?

- A: Multimodal travel information services
- B: Real Time Traffic Information services
- C: Safety Related Traffic Information services
- D: e-call
- E: Truck Parking
- F: Reservation services for truck parking

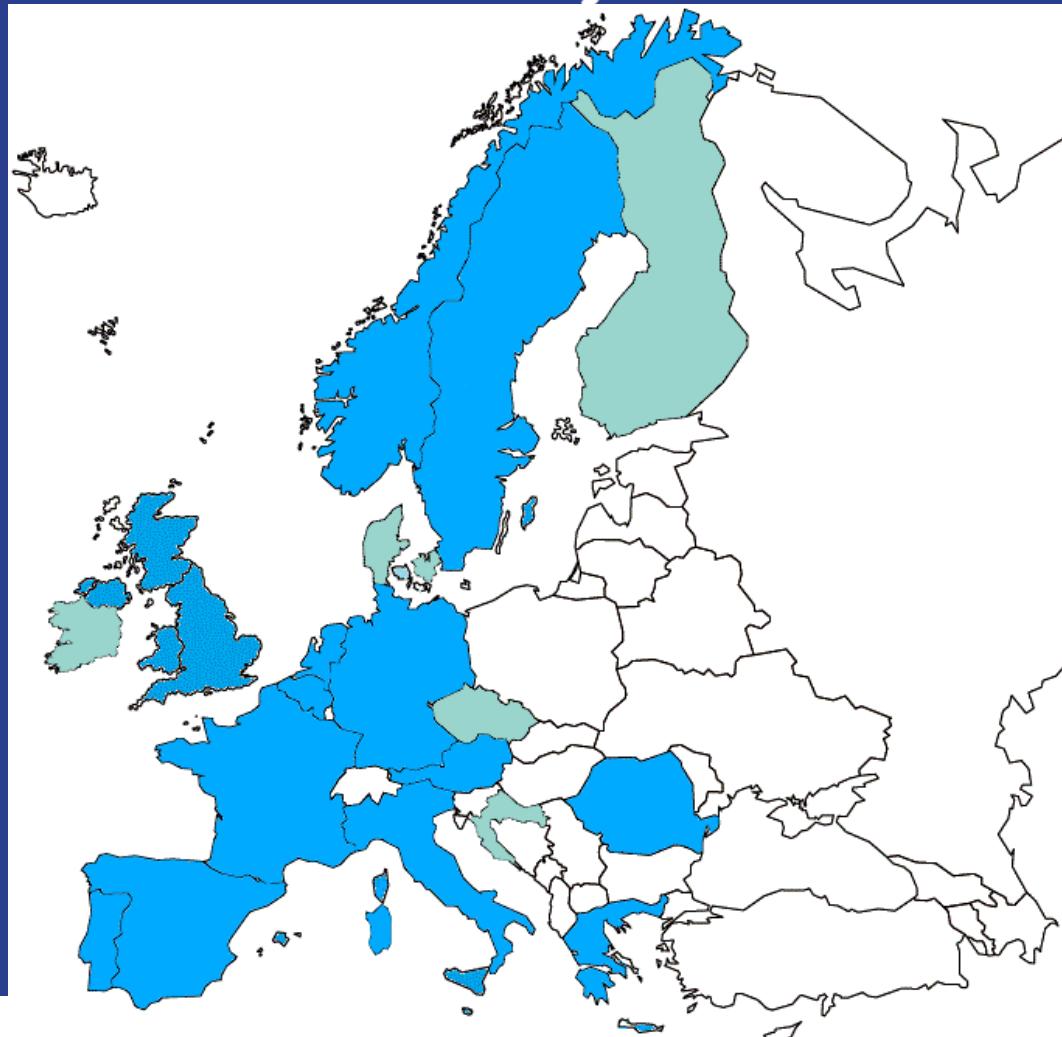
DATEX II





DATEX II

About DATEX II



Traffic situations

Traffic status

Traffic Management

VMS

Parking

Urban traffic specifics

Electro mobility infrastructure

**METR (management of Electronic Traffic
Regulations)**

**Access zones inc. UVAR (Urban Vehicle Access
Regulations)**

DATEX II

Flexibility

How DATEX II can be adapted to your local needs

Examples:

- Germany: real time fuel price information -> Energy Publication
- Netherlands expanded road works (hindrance category).
- OpenLR support started as a local need in Sweden
- Cross border TMP between Spain and France (to be included in standard)

DATEX II

Questions to you!

- What is an ITS use case?
- What is a DATEX II extension?
- What is a DATEX II profile

DATEX II

What is DATEX II v.3.0 about

- Toolbox
 - ready to support:
 - Provision of detailed traffic and travel information AND traffic management measure information
 - Joint TM operational support
 - Open data technologies and information concepts
- Functional packages instead of 1
- Exchange completely separated
- Profiles per use-case

DATEX II

Use case driven profiling

- SRTI with TISA and Amsterdam group
 - Sneak peak
- Truck parking
- Urban ITS challenges:
 - Perfect alignment with urban mandate: extending and profiling
 - Extensions proposed to DATEX II
 - Profile standardisation by WG17

DATEX II

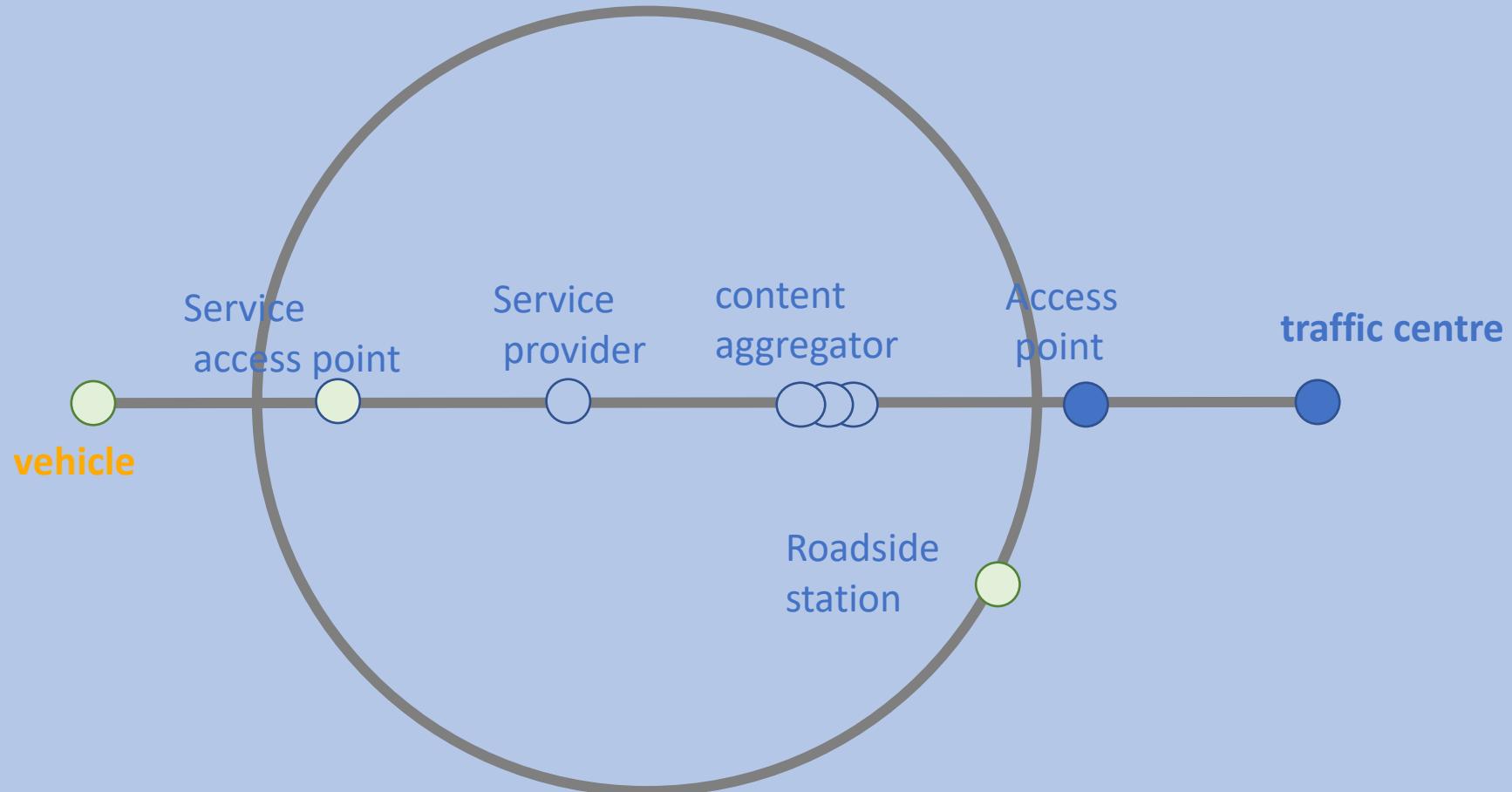
Standardisation? The will to cooperate



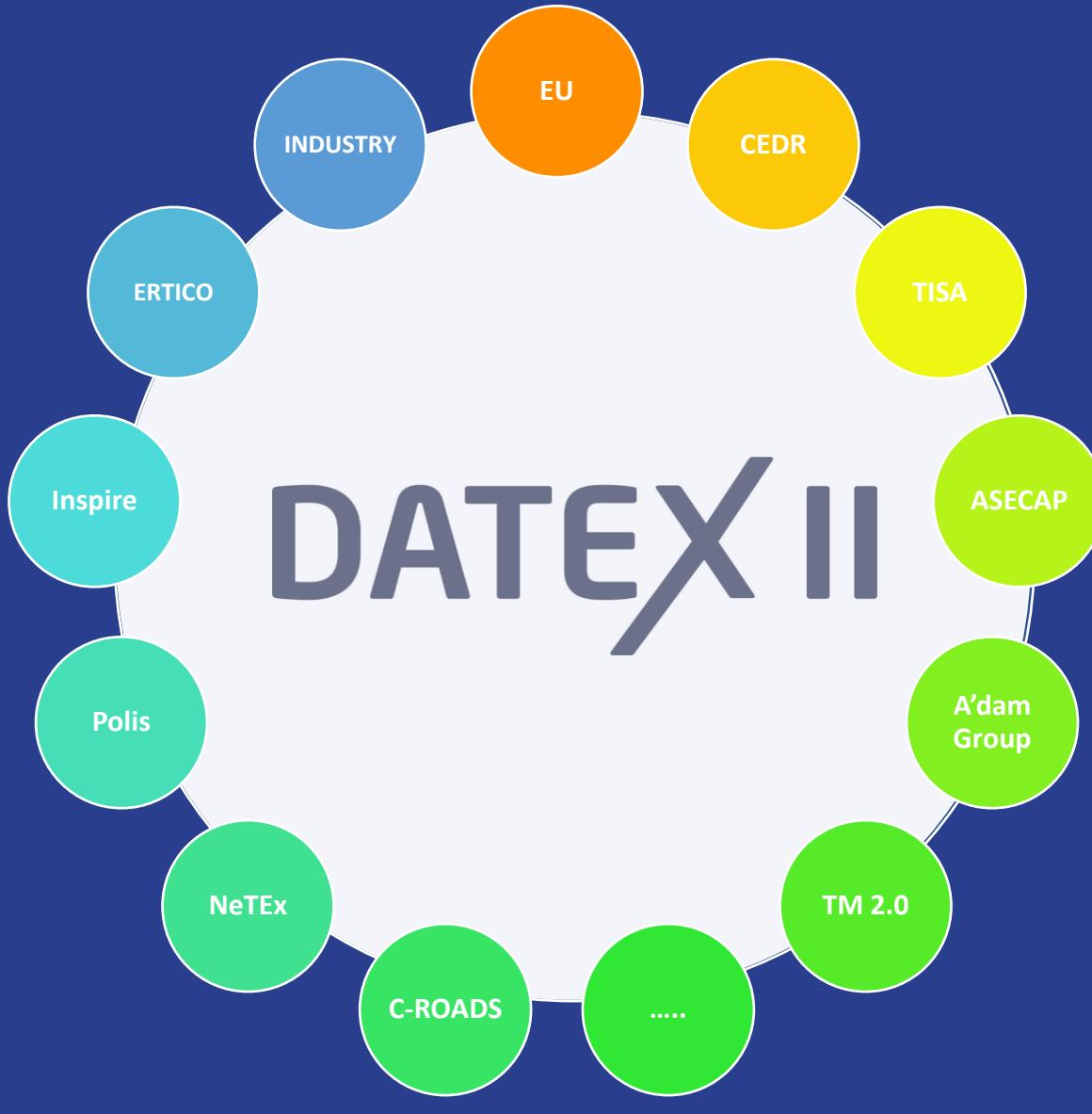
Each actor has to maintain receiving asynchronous different interfaces in terms of:

- Information model
- Location referencing standards

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DATEX II



DATEX II

*How are the delegated acts implemented in your country in terms of national policy, legal measures etc?
How are the NAP and National body in your country organised?*

Private organisations also have a role according to (some of) the delegated acts. How could their commitment to the regulations be strengthened?

The EU regulated provision of data to EU-wide (minimum) fixed profiles is beneficial to all. My organisation wants to provide the data we have accordingly!

What are the benefits the way your country organised the governance on the data profiles?

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