



Access to data

Some examples from transport

Workshop on access to privately-held data for
public sector bodies
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ITS Directive (2010/40/EU) Supporting Framework and Enabling Conditions

Data sharing mechanisms

Data interoperability

Data format

**Optimal Use of Road,
Traffic and Travel Data**

**Road Safety
and Security**

Quality framework

**Interoperability and
continuity of services**

**Continuity of
Traffic and
Freight Management**

**Linking Vehicle and
Transport Infrastructure**

**National
Access
Point**

Legal specifications



Priority Action (a)

- EU-wide **multimodal travel information** services

Priority Action (b)

- EU-wide **real-time traffic information** services

Priority Action (c)

- Road **safety related minimum universal traffic information** free of charge to users

Priority Action (d)

- the Interoperable EU-wide **eCall**

Priority Action (e)

- **Information** services for **safe and secure parking** places for trucks and commercial vehicles

Priority Action (f)

On hold

- **Reservation** services for **safe and secure parking** places for trucks and commercial vehicles



(A) EU-wide multimodal travel information services



Making travel data accessible for better journey planning

by establishing national access points with travel data from all types of transport.

Benefits of using single journey planners

 <p>Save time</p> <p>Use single planners for all transport for entire journey.</p>	 <p>More choice</p> <p>Fastest journey, fewest connections, least polluting.</p>	 <p>Business opportunities</p> <p>Easier operations for service providers and developers.</p>
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Delegated regulation adopted on 31 May 2017:

http://ec.europa.eu/info/law/better-regulation/initiatives/c-2017-3574_en



Group 1 static data

Address identifiers, points of interests, access nodes, geometry of access nodes, network topology, timetables, accessibility information, road/cycle/pedestrian network etc.

Group 2 static data

Car-sharing, bike-sharing stations, refuelling points, bike parking, basic ticket information etc.

Group 3 data static data

Detailed cycle network attributes and estimated travel times by day type and time-band etc.

[Group 1 dynamic data

Disruptions, real-time status information - delays, cancellations, guaranteed connections monitoring, status of access nodes (platform information, operational lifts/escalators, closed entrances and exit locations)

Group 2 dynamic data

Car-sharing availability, bike sharing availability etc.

Group 3 data dynamic data

Car parking spaces (on-street) etc.\$

At discretion of M.S.



Access and exchange
of least **STATIC** Public
and Private Travel and
Traffic Data for Travel
PLANNING across all
modes



WHAT



@Transport_EU

Mobility and
Transport

CONNECTING
EUROPE

via **National Access Points (NAP)** in phased implementation
- MS to determine shape/form of NAP



HOW (1)

WHAT: access and exchange of least **STATIC** Public and Private Travel and Traffic Data for Travel **PLANNING** across all modes



HOW (2)



Standardised Travel
and Traffic Data in NAP
– harmonised set
across different modes.
Use of translators
possible

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**National Access
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**WHAT: Access and
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HOW (3)

Use via **licence agreements**, harmonised set of **terms and conditions, quality criteria**

HOW (2)
Standardised Travel and Traffic Data in NAP
– harmonised set across different modes.
Use of translators possible

HOW (1): via **National Access Points (NAP)** in phased implementation
- MS to determine shape/form of NAP

WHAT: Access and exchange of least **STATIC** Public and Private Travel and Traffic Data for Travel PLANNING across all modes

Static Dataset	Comprehensive TEN-T incl. Urban Nodes	Other parts of the network
Timetables, access nodes, accessibility PRM, network topology etc.	2019	
Bike-sharing & car-sharing stations, vehicle facilities, basic common standard fares, how and where to buy tickets etc.	2020	2023
Detailed cycling network attributes, estimated travel times etc.	2021	

Dynamic data – if MS choose to include dynamic data in the NAP, they are encouraged but not obliged to follow the above timeframe



Data and procedures for the provision, where possible, of road safety-related minimum universal traffic information free of charge to users

The events or conditions covered :

- (a) temporary slippery road;
- (b) animal, people, obstacles, debris on the road;
- (c) unprotected accident area;
- (d) short-term road works;
- (e) reduced visibility;
- (f) wrong-way driver;
- (g) unmanaged blockage of a road;
- (h) exceptional weather conditions.

Expert groups and workshops



Study on access to in-vehicle data



- The eCall type-approval Regulation requests the Commission to look at requirements **for an open-access platform**, which is closely related to the issue of access to vehicle data and resources in order to propose new services to the final user.
- Discussions with stakeholders on that topic have proved to be intense
 - we agreed on basic principles, such as prior consent of the data subject and fair competition.
 - We also made progress on the identification of standardisation needs, on a possible technical solution for an in-vehicle interface, on the identification of the remaining sticking points.
- More work is needed to ensure open choice for customers and fair competition.
- To help this work, **a study commissioned by DG MOVE (with participation of several other DGs – GROW, CNECT, JUST) will be delivered end of June.**



And much more....

- Railways: TAP TSI and TAF TSI
- Maritime:
 - www.equasis.com
 - EU/EEA States agreed in a Steco last week to further explore how to make information that comes from a ship (so private sector) to the public (administrations) available back to anyone who sees a need
- Digital Transport and Logistics Forum: access to data

More Information

Directorate-General for Mobility and Transport:

http://ec.europa.eu/transport/index_en.htm

ITS Action Plan and Directive:

http://ec.europa.eu/transport/its/road/action_plan_en.htm

Cooperative, connected and automated mobility (C-ITS):

https://ec.europa.eu/transport/themes/its/c-its_en



Thank you for your attention!