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From:	Secretary-General of the European Commission, signed by Mr Jordi AYET PUIGARNAU, Director
date of receipt:	31 May 2017
To:	Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of the European Union
No. Cion doc.:	C(2017) 3574 final - ANNEX 1
Subject:	ANNEX to the COMMISSION DELEGATED REGULATION 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 DATA CATEGORIES (as referred to in Articles 3,4,5,6,8,10)

Delegations will find attached document C(2017) 3574 final - ANNEX 1

Encl.: C(2017) 3574 final - ANNEX 1

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ANNEX 1

ANNEX

to the

COMMISSION DELEGATED REGULATION

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

DATA CATEGORIES (as referred to in Articles 3,4,5,6,8,10)

ANNEX

DATA CATEGORIES (as referred to in Articles 3,4,5,6,8,10)

Partition of transport modes by type, such as:

Scheduled

Air, rail including high speed rail, conventional rail, light rail, long-distance coach, maritime including ferry, metro, tram, bus, trolley-bus.

Demand-responsive

Shuttle bus, shuttle ferry, taxi, car-sharing, car-pooling, car-hire, bike-sharing, bike-hire.

Personal

Car, motorcycle, cycle.

1. The types of the static travel data

1.1. Level of service 1

(a) Location search (origin/destination)

I) Address identifiers (building number, street name, postcode)

II) Topographic places (city, town, village, suburb, administrative unit)

III) Points of interest (related to transport information) to which people may wish to travel

(b) Trip plans

I) Operational Calendar, mapping day types to calendar dates

(c) Location search (access nodes)

I) Identified access nodes (all scheduled modes)

II) Geometry/map layout structure of access nodes (all scheduled modes)

(d) Trip plan computation – scheduled modes transport

I) Connection links where interchanges may be made, default transfer times between modes at interchanges

II) Network topology and routes /lines (topology)

III) Transport operators

IV) Timetables

V) Planned interchanges between guaranteed scheduled services

VI) Hours of operation

VII) Stop facilities access nodes (including platform information, help desks/information points, ticket booths, lifts/stairs, entrances and exit locations)

VIII) Vehicles (low floor; wheelchair accessible.)

IX) Accessibility of access nodes, and paths within an interchange (such as existence of lifts, escalators)

X) Existence of assistance services (such as existence of on-site assistance)

(e) Trip plan computation – road transport (for personal modes)

I) Road network

II) Cycle network (segregated cycle lanes, on-road shared with vehicles, on-path shared with pedestrians)

III) Pedestrian network and accessibility facilities

1.2. Level of service 2

(f) Location search (demand-responsive modes)

I) Park & Ride stops

II) Bike sharing stations

III) Car-sharing stations

IV) Publicly accessible refuelling stations for petrol, diesel, CNG/LNG, hydrogen powered vehicles, charging stations for electric vehicles

V) Secure bike parking (such as locked bike garages)

(g) Information service

I) Where and how to buy tickets for scheduled modes, demand responsive modes and car parking (all scheduled modes and demand-responsive incl. retail channels, fulfilment methods, payment methods)

(h) Trip plans, auxiliary information, availability check

I) Basic common standard fares (all scheduled modes)

i) Fare network data (fare zones/stops and fare stages)

ii) Standard fare structures (point to point including daily and weekly fares, zonal fares, flat fares)

II) Vehicle facilities such as classes of carriage, on-board wifi.

1.3. Level of service 3

(i) Detailed common standard and special fare query (all scheduled modes)

I) Passenger classes (classes of user such as adult, child, student, veteran, impaired access and qualifying conditions and classes of travel such as 1st, 2nd.)

II) Common fare products (access rights such as zone/point-to-point including daily and weekly tickets/single/return, eligibility of access, basic usage conditions such as validity period/operator/time of travel/interchanging, standard point to point fares prices for different point to point pairs including daily and weekly fares/zonal fare prices/flat fare prices)

III) Special Fare Products: offers with additional special conditions such as promotional fares, group fares, season passes, aggregated products combining different products and add on products such as parking and travel, minimum stay

IV) Basic commercial conditions such as refunding/replacing/exchanging/ transferring and basic booking conditions such as purchase windows, validity periods, routing restrictions zonal sequence fares, minimum stay.

(j) Information service (all modes)

I) How to pay tolls (incl. retail channels, fulfilment methods, payment methods)

II) How to book car sharing, taxis, cycle hire etc. (incl. retail channels, fulfilment methods, payment methods)

III) Where how to pay for car parking , public charging stations for electric vehicles and refuelling points for CNG/LNG, hydrogen, petrol and diesel powered vehicles (incl. retail channels, fulfilment methods, payment methods)

(k) Trip plans

I) Detailed cycle network attributes (surface quality, side-by-side cycling, shared surface, on/off road, scenic route, ‘walk only’, turn or access restrictions (e.g. against flow of traffic)

II) Parameters needed to calculate an environmental factor such as carbon per vehicle type or passenger mile or per distance walked

III) Parameters such as fuel consumption needed to calculate cost

(l) Trip plan computation

I) Estimated travel times by day type and time-band by transport mode/combination of transport modes

2. Types of the dynamic travel and traffic data

2.1. Level of service 1

(a) Passing times, trip plans and auxiliary information

I) Disruptions (all modes)

II) Real-time status information – delays, cancellations, guaranteed connections monitoring (all modes)

III) Status of access node features (including dynamic platform information, operational lifts/escalators, closed entrances and exit locations – all scheduled modes)

2.2. Level of service 2

(b) Passing times, trip plans and auxiliary information (all modes)

I) Estimated departure and arrival times of services

II) Current road link travel times

III) Cycling network closures / diversions

(c) Information service

I) Availability of publicly accessible charging stations for electric vehicles and refuelling points for CNG/LNG, hydrogen, petrol and diesel powered vehicles

(d) Availability check

I) Car-sharing availability, bike sharing availability

II) Car parking spaces available (on and off-street), parking tariffs, road toll tariffs

2.3. Level of service 3

(e) Trip plans

(2) I) Future predicted road link travel times