

# The provision of EU-wide real-time traffic information services

Fields marked with \* are mandatory.

## 1 Information about the participant

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1.1 Please provide your name (first name and surname)\*

1.2 Please provide your email address\*

1.3 In what capacity are you completing this questionnaire?\*

- As a citizen
- On behalf of an organisation

1.4 If you are answering as a citizen, please provide your country of residence\*

- |                                      |  |                                      |
|--------------------------------------|--|--------------------------------------|
| <input type="radio"/> Austria        | <input type="radio"/> Belgium                    | <input type="radio"/> Bulgaria       |
| <input type="radio"/> Croatia        | <input type="radio"/> Cyprus                     | <input type="radio"/> Czech Republic |
| <input type="radio"/> Denmark        | <input type="radio"/> Estonia                    | <input type="radio"/> Finland        |
| <input type="radio"/> France         | <input type="radio"/> Germany                    | <input type="radio"/> Greece         |
| <input type="radio"/> Hungary        | <input type="radio"/> Ireland                    | <input type="radio"/> Italy          |
| <input type="radio"/> Latvia         | <input type="radio"/> Lithuania                  | <input type="radio"/> Luxembourg     |
| <input type="radio"/> Malta          | <input type="radio"/> Netherlands                | <input type="radio"/> Poland         |
| <input type="radio"/> Portugal       | <input type="radio"/> Romania                    | <input type="radio"/> Slovenia       |
| <input type="radio"/> Spain          | <input type="radio"/> Sweden                     | <input type="radio"/> Slovakia       |
| <input type="radio"/> United Kingdom | <input type="radio"/> Other, non-EU Member State |                                      |

1.5 Please specify "Other, non-EU Member State"\*

1.6 If answering on behalf of an organisation, please indicate the type of organisation?\*

- Private company
- Public authority
- Professional association
- Consumer organisation
- Other

1.7 Please specify "Other"\*

1.8 If answering on behalf of a professional association, consumer organisation or other organisation representing stakeholders, please indicate the approximate number of members your organisation represents.

1.9 If you are answering on behalf of a company/organisation/authority/association, please provide the **country of registration of this entity**\*

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Austria        | <input type="checkbox"/> Belgium                    | <input type="checkbox"/> Bulgaria       |
| <input type="checkbox"/> Croatia        | <input type="checkbox"/> Cyprus                     | <input type="checkbox"/> Czech Republic |
| <input type="checkbox"/> Denmark        | <input type="checkbox"/> Estonia                    | <input type="checkbox"/> Finland        |
| <input type="checkbox"/> France         | <input type="checkbox"/> Germany                    | <input type="checkbox"/> Greece         |
| <input type="checkbox"/> Hungary        | <input type="checkbox"/> Ireland                    | <input type="checkbox"/> Italy          |
| <input type="checkbox"/> Latvia         | <input type="checkbox"/> Lithuania                  | <input type="checkbox"/> Luxembourg     |
| <input type="checkbox"/> Malta          | <input type="checkbox"/> Netherlands                | <input type="checkbox"/> Poland         |
| <input type="checkbox"/> Portugal       | <input type="checkbox"/> Romania                    | <input type="checkbox"/> Slovenia       |
| <input type="checkbox"/> Spain          | <input type="checkbox"/> Sweden                     | <input type="checkbox"/> Slovakia       |
| <input type="checkbox"/> United Kingdom | <input type="checkbox"/> Other, non-EU Member State |   |

1.10 Please specify "Other, non-EU Member State"\*

1.11 If you are answering on behalf of a company/organisation/authority/association that is operating in more than one country, please indicate the relevant **countries of operation**

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Austria        | <input type="checkbox"/> Belgium                    | <input type="checkbox"/> Bulgaria       |
| <input type="checkbox"/> Croatia        | <input type="checkbox"/> Cyprus                     | <input type="checkbox"/> Czech Republic |
| <input type="checkbox"/> Denmark        | <input type="checkbox"/> Estonia                    | <input type="checkbox"/> Finland        |
| <input type="checkbox"/> France         | <input type="checkbox"/> Germany                    | <input type="checkbox"/> Greece         |
| <input type="checkbox"/> Hungary        | <input type="checkbox"/> Ireland                    | <input type="checkbox"/> Italy          |
| <input type="checkbox"/> Latvia         | <input type="checkbox"/> Lithuania                  | <input type="checkbox"/> Luxembourg     |
| <input type="checkbox"/> Malta          | <input type="checkbox"/> Netherlands                | <input type="checkbox"/> Poland         |
| <input type="checkbox"/> Portugal       | <input type="checkbox"/> Romania                    | <input type="checkbox"/> Slovenia       |
| <input type="checkbox"/> Spain          | <input type="checkbox"/> Sweden                     | <input type="checkbox"/> Slovakia       |
| <input type="checkbox"/> United Kingdom | <input type="checkbox"/> Other, non-EU Member State |   |

1.12 Please specify "Other, non-EU Member State"\*

1.13 Is your organisation registered in the [European Transparency Register](#)?

*All organisations and self employed individuals, irrespective of their legal status, engaged in activities falling within the scope of the register are in principle expected to register. Your contribution will not be valid if your organisation is not registered while it should.\**

- Yes  
 No

1.14 If yes, please indicate the identification number\*

1.15 What is the name of your organisation or authority?\*

1.16 What is your function within this organisation or authority?\*

1.17 Please categorise your organisation as appropriate\*

- |   |   |
|---|---|
| <input type="checkbox"/> Academic institution               | <input type="checkbox"/> Application developer                    |
| <input type="checkbox"/> Automotive industry – OEM          | <input type="checkbox"/> Automotive industry – parts manufacturer |
| <input type="checkbox"/> Consumer rights organisation       | <input type="checkbox"/> Digital map producer                     |
| <input type="checkbox"/> Emergency or rescue services       | <input type="checkbox"/> Non-governmental organisation (NGO)      |
| <input type="checkbox"/> Insurance company                  | <input type="checkbox"/> ITS Service provider                     |
| <input type="checkbox"/> Logistics service provider         | <input type="checkbox"/> Public administration                    |
| <input type="checkbox"/> Research and development institute | <input type="checkbox"/> Road authority                           |
| <input type="checkbox"/> Road operator                      | <input type="checkbox"/> Road transport company                   |
| <input type="checkbox"/> Road user association              | <input type="checkbox"/> Standardisation organisation             |
| <input type="checkbox"/> Telecommunication service provider | <input type="checkbox"/> Telecommunication equipment manufacturer |
| <input type="checkbox"/> Travel data provider               | <input type="checkbox"/> Other (please specify)                   |

1.18 Please specify "Other"\*

Explanations about the Protection of Personal Data are available on:

[http://ec.europa.eu/geninfo/legal\\_notices\\_en.htm#personaldata](http://ec.europa.eu/geninfo/legal_notices_en.htm#personaldata)

The policy on "protection of individuals with regard to the processing of personal data by the Community institutions" is based on [Regulation \(EC\) N° 45/2001 of the European Parliament and of the Council of 18 December 2000](#).

## 2 Current situation regarding the provision of real-time traffic information services

*This part is for citizens only. Organisations are not supposed to fill out this part.*

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2.1 Where you usually drive, do you have access to real-time traffic information services?\*

- Yes
- No
- Partly
- I do not know

2.2 Where you usually drive, through what channel(s) do you receive real-time traffic information services?\*

- Radio
- Digital radio
- Variable message signs along the road
- Vehicle on-board unit/built-in GPS
- Personal/portable navigation device
- Smartphone application
- Specialised website
- Telephone
- Other (please specify)

2.3 Please specify "Other"\*

2.4 Do you have access to real-time traffic information services?\*

- Yes, for free
- Yes, through a specific paid subscription
- Yes, for free and through a specific paid subscription
- No

2.5 What type of real-time traffic information do you personally have access to?

*("End of queue" refers to the location where traffic becomes congested and the queue of road vehicles starts)*

- |  |  |
|--|--|
| <input type="checkbox"/> Speed limits  | <input type="checkbox"/> Access restrictions (vehicle dimensions, weight etc.) |
| <input type="checkbox"/> Routing advice  | <input type="checkbox"/> Estimated travel times                                |
| <input type="checkbox"/> Expected delays   | <input type="checkbox"/> End of queue information                              |
| <input type="checkbox"/> Road works  | <input type="checkbox"/> Road closures   |
| <input type="checkbox"/> Accident black spots  | <input type="checkbox"/> Adverse weather conditions                            |
| <input type="checkbox"/> Information about location of parking places<br>(Park and Ride) | <input type="checkbox"/> Information about location of parking (in cities)     |
| <input type="checkbox"/> Other (please specify)  |  |

2.6 Please specify "Other"\*

2.7 How important do you rate these types of real-time traffic information?

	Very important	Important	Useful	Not important	Undecided
Speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access restrictions (vehicle dimensions, weight etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Routing advice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimated travel times	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expected delays	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
End of queue information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road closures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accident black spots	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adverse weather conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about location of parking places (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about location of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.8 Do you consider the real-time traffic information services provided reliable (i.e. accurate, up-to-date)?

	Very reliable	Reliable	Not reliable	Undecided
Speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access restrictions (vehicle dimensions, weight etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Routing advice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimated travel times	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expected delays	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
End of queue information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road closures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accident black spots	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adverse weather conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about location of parking places (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about location of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.9 If not reliable, please explain why

2.10 Are you satisfied with the **geographical coverage** of real-time traffic information services? (e.g. types of roads covered, areas covered, countries covered etc.)\*

- Yes
- No
- Partly

2.11 If not or partly satisfied with the geographical coverage, how would you like coverage to be improved?

2.12 Are you satisfied with the **content** of real-time traffic information services?\*

- Yes
- No
- Partly

2.13 If not or partly satisfied with the content, how would you like content to be improved?

2.14 Are you satisfied with the **timeliness** of real-time traffic information services? [**\***]

- Yes
- No
- Partly

2.15 How do you think the overall quality of real time traffic information services can be improved and in which respect?

- Reliability (e.g. accurate, up-to-date)
- Geographical coverage
- Content
- Timeliness
- Other (please specify)

2.16 Please specify "Other"**\***

2.17 Is the real-time traffic information affecting your own travel behaviour?**\***

- Yes
- No

2.18 If yes, in which way?**\***

- I change departure times
- I change route
- I change mode of transport
- I decide not to travel
- Other (please specify)

2.19 Please specify "Other"**\***

### 3 Scope, Process and Impact of the provision of real-time traffic information services

*This part is mandatory to organisations filling in the questionnaire. Citizens may, however, also answer some or all the questions in this part on an optional basis.*

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3.1 It is important to ensure the provision of EU-wide real-time traffic information services

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.2 Which type of data should be made available to generate and provide real-time traffic information services to users?

\* *End of queue = where traffic becomes congested and the queue of road vehicles starts*

\* *Dynamic speed limits = speed limits that can be changed according to traffic or weather conditions*

\* *Road user charges = Whether the user needs to be in possession of some kind of a permit to use to road (electronic or physical vignette) or if a toll will be levied for using the road section in question*

	Very important	Important	Useful	Not important	Undecided
Speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other traffic regulations (e.g. parking restrictions)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road geometry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access restrictions (vehicle dimensions, weight etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lane information (number, width, divider etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traffic lights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pedestrian crossings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Train and tram crossings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed bumps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accident black spots	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Slope of the road	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimated travel times	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommended routes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expected delays	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
End of queue information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Short-term road works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Long-term road works (longer than 1 year)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road closures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bridge opening hours	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adverse weather conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dynamic speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about road user charges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about availability of parking (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about cost of parking (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about availability of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about cost of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about charging points for electric vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about public transport stops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about public transport services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about bicycle rental services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3.3 Please specify which other type of real-time traffic information should be provided to users





3.6 Do you consider that the current update frequency provided by digital map producers is appropriate for the provision of real-time traffic information services?

- Appropriate
- Not appropriate
- Undecided

3.7 If current update frequency is not considered appropriate, please specify required update frequency

3.8 Would you agree that road authorities and/or road operators should have the responsibility to collect an agreed set of data for the roads that they are responsible for?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.9 If you agree or strongly agree with the statement in the previous question, please indicate which type of data road authorities and/or road operators should collect

*\* End of queue = where traffic becomes congested and the queue of road vehicles starts*

	Very important	Important	Useful	Not important	Undecided
Speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other traffic regulations (e.g. parking restrictions)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road geometry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access restrictions (vehicle dimensions, weight etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lane information (number, width, divider etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traffic lights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pedestrian crossings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Train and tram crossings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed bumps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accident black spots	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Slope of the road	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimated travel times	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommended routes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expected delays	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
End of queue information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Short-term road works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long-term road works (longer than 1 year)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road closures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bridge opening hours	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adverse weather conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dynamic speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about road user charges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about availability of parking (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about cost of parking (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about availability of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about cost of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about charging points for electric vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about public transport stops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about public transport services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about bicycle rental services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3.10 Please specify "Other"

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3.11 In addition to data collected by road authorities and/or road operators, do you think that **other stakeholders** (e.g. service providers) should collect data and which type of data?

\* *End of queue = where traffic becomes congested and the queue of road vehicles starts*

	Very important	Important	Useful	Not important	Undecided
Speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other traffic regulations (e.g. parking restrictions)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road geometry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access restrictions (vehicle dimensions, weight etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lane information (number, width, divider etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traffic lights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pedestrian crossings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Train and tram crossings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed bumps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accident black spots	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Slope of the road	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimated travel times	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommended routes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expected delays	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
End of queue information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Short-term road works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long-term road works (longer than 1 year)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road closures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bridge opening hours	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adverse weather conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dynamic speed limits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about road user charges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about availability of parking (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Information about cost of parking (Park and Ride)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about availability of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about cost of parking (in cities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about charging points for electric vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about public transport stops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about public transport services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about bicycle rental services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3.12 Please specify "Other"

3.13 Would you agree that **road authorities and/or road operators should** have the responsibility to **make available to digital maps producers and/or ITS service providers an agreed set of data** that they collect (either for free or for appropriate financial compensation)?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.14 Please provide additional explanation

3.15 If you agree or strongly agree with the above statement, would you agree that road authorities and/or road operators should make available the agreed set of data in a pre-defined format?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.16 Please provide additional explanation

3.17 Would you agree that to facilitate access to road, traffic and real-time traffic data, Member States should set up **national access points** providing access to data collected and stored by road authorities, road operators, ITS service providers and digital map producers operating on their territory?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.18 Do you have a view on the costs that the setting up of such a national access point would entail? You can also provide reference to any relevant publication on this subject?

3.19 Would you agree that real-time traffic information generated by any service provider (public or private) should be made available **to public road authorities** under specific agreements as needed (including possible financial compensation)?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.20 Please provide additional explanation

3.21 Do you think that, if and when real-time traffic information generated by any service provider (public or private) is made available to public road authorities, appropriate safeguards are needed to ensure that the data is only used to manage the road infrastructure?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.22 Please provide additional explanation

3.23 Would you agree that real-time traffic information generated by any service provider (public or private) should be made available **to public or private road operators** under specific agreements as needed (including possible financial compensation)?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.24 Please provide additional explanation

3.25 Do you think that, if and when real-time traffic information generated by any service provider (public or private) is made available to public or private road operators, appropriate safeguards are needed to ensure that the data is only used to manage road traffic?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.26 Please provide additional explanation

3.27 Would you agree that real-time traffic information generated by any service provider (public or private) should be made available **to other service providers in a non-discriminatory way** under specific agreements as needed (including possible financial compensation) in order to enhance the quality of traffic information services to end users?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.28 Please provide additional explanation

3.29 Please rank the quality criteria you consider as the most important (1) to least important (7) for real time traffic information services

	1	2	3	4	5	6	7
Geographical accuracy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time accuracy / up-to-dateness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Timeliness / speed of delivery	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Usefulness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Completeness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Consistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3.30 Please specify "Other"



3.33 Please provide quantitative evidence if available (including reference to documents, websites...)

3.34 Do you expect any other impact due to the provision of real-time traffic information services?

- Yes
- No
- Undecided

3.35 Please specify and provide quantitative evidence if available (including reference to documents, websites...)

3.36 Would you agree that real-time traffic information services might be a source of distraction for drivers?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

3.37 Please provide additional explanation

## 4 Implementation of EU-wide real-time traffic information services

*This part is mandatory to organisations filling in the questionnaire. Citizens may, however, also answer some or all the questions in this part on an optional basis.*

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4.1 Do you agree with the statement that in order to foster the provision of real-time traffic information services to users across the EU, it is important to:

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	Strongly agree	Agree	Disagree	Strongly disagree	Undecided
Define the roles and responsibilities of the different stakeholders involved in the whole process leading to the provision of real time traffic information services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Define an harmonised set of data (including road, traffic and transport services data) to be made available to generate and provide real time traffic information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Make available all publicly held relevant road, traffic and transport services data to digital map producers and ITS service providers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establish requirements for the exchange of road, traffic and transport services data between the relevant public authorities and stakeholders such as the private digital map producers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establish requirements for the exchange of road, traffic and real-time traffic data between the public authorities and stakeholders such as the ITS service providers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establish requirements on data exchange protocols to be followed to facilitate data exchange among stakeholders generating and providing traffic information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establish requirements for the timely updating of road, traffic and transport services data by public authorities and stakeholders for the provision of reliable real time traffic information services and up-to-date digital maps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establish requirements for the timely updating of digital maps by digital map producers to ensure that digital maps are up-to-date	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establish requirements for the timely updating of traffic information by ITS service providers to ensure that end users have access to reliable services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>Establish requirements for public authorities to share published traffic management plans and activation status information with real-time traffic information service providers</p> <p><i>A Traffic Management Plan (or TMP) is a plan established to clearly direct and control traffic disruptions that call for co-ordinated actions from several services responsible for road and traffic management on a given road or network.</i></p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>Oblige all ITS service providers to route all their customers in accordance with the provisions of activated traffic management plans</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>Define common quality criteria for real-time traffic information services</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>Define a minimum level of quality applicable to all real-time traffic information services across Europe</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>Define an EU-wide mandatory coverage requirement regarding the types of roads that need to be covered with real-time traffic information services (e.g. trans-European road network, all motorways, all roads)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4.2 Do you consider that it is desirable that the EU takes action to ensure the provision of EU-wide real-time traffic information services?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

4.3 Would you agree that there is a need to establish a common EU framework (i.e. common conditions, specific requirements)

	Strongly agree	Agree	Disagree	Strongly disagree	Undecided
For the collection of data used to provide real-time traffic information services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For the sharing of data used to provide real-time traffic information services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For the re-use of data used to provide real-time traffic information services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For the delivery of real-time traffic information services to end users	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4.4 Which other issues a common EU framework should focus on? Please specify

4.5 Would you agree that the provision of the real-time traffic information services, including its content based on a pre-defined set of available data, should be left to market players to decide?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

4.6 Would you agree that real-time traffic information services for road should be integrated with travel information services for other modes of transport?

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Undecided

4.7 Please provide additional explanation

4.8 What other action(s) do you think the EU should take to ensure and foster the provision of EU-wide real-time traffic information services? Please specify

4.9 Do you have any additional comments?

## 5 Other questions

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5.1 Please give reference to any studies or documents that you think are of relevance for this consultation, with links for online download where possible.

5.2 You may also upload relevant documents accompanying your comments

5.3 Received contributions, together with the identity of the contributor, may be published on Directorate General for Mobility and Transport website, unless the contributor objects to publication of the personal data on the grounds that such publication would harm his or her legitimate interests.

In this case the contribution may be published in anonymous form. Otherwise the contribution will not be published nor will, in principle, its content be taken into account

Do not publish my personal data

5.4 Please explain why your contribution should be published anonymously\*

