

# The provision of information and reservation services for safe and secure parking places for trucks and commercial vehicles under the ITS Directive 2010/40/EU

## Objective of the consultation

The objective of this public consultation is to collect the opinions of stakeholders and EU citizens on the provision, where possible, of information and reservation services for safe and secure parking places for trucks and commercial vehicles. More precisely this questionnaire addresses issues related to the type of information to be collected and distributed for safe and secure parking, the geographical coverage of the distribution of parking spaces available, the possible channels of communication, the expected impacts, the challenges associated with providing such a service...

The aim of the European Commission is to support the coordinated and coherent deployment of Intelligent Transport Systems (ITS) within the EU and to set out the general conditions necessary for that purpose.

The present consultation will provide inputs for the development of specifications on information and reservation services for safe and secure parking places for trucks and commercial vehicles, and the impact assessment that will be carried prior to the adoption of the aforementioned specifications.

The outcome of this consultation will be discussed during a workshop to be organised in Brussels later this year. If you are interested into participating at this stakeholder event please express your interest by sending an email to [MOVE-ITS@ec.europa.eu](mailto:MOVE-ITS@ec.europa.eu) specifying the object of your message as "parking information workshop".

## Target Groups

Such specifications dealing with information and reservation services for trucks and commercial vehicles could potentially affect parties involved in freight transport on major corridors and highways. Therefore it is important to gather the views of as many stakeholders as possible, them being stakeholders such as truck drivers, freight operators, telecommunication companies, public and private road authorities or EU citizens.

## Background

**Directive 2010/40/EU ("ITS Directive")** of 7 July 2010 on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport includes six priority actions for which binding specifications shall be elaborated (Art.6). These binding specifications should ensure compatible and interoperable services for all road users based on existing standards and technologies. Two of these priority actions deal with "**the provision of information and reservation services for safe and secure parking places for trucks and commercial vehicles**" (Art. 3, items e & f).

Specific measures addressing driver fatigue, and contributing to improve road safety, have been taken at EU level in the last decade (such as rules on driving times and the related deployment of digital tachographs). Accidents unfortunately still take place, some of which that can be attributed to a structural shortage of available parking places for trucks and commercial vehicles. As a consequence, European roads witness offsite parking, uncontrolled and dangerous truck parking habits. It is recognised that the aforementioned accidents could be avoided if truck and commercial vehicles drivers were duly and accurately informed on the availability and operational conditions of existing parking facilities along their routes. As a result of an EU project, **TRANSPark©** and **TRUCKinform©** are providing information on truck parkings.

The security of road freight is also a serious concern for road transport operators. It is estimated that in Europe about €8 billion of goods are stolen from trucks yearly. Duly informing truck drivers of the availability of secure parking places would allow drivers to plan journeys in such a way that they can respect social legislation without jeopardising their own safety and the security of their cargo. However today, such information on safe and secure parking is rarely made available to truck drivers. When information is exceptionally available to truck drivers, its content, format and quality can differ from one parking area to another, which can hinder its understandability.

Today, very few parking management systems know, at any given time, how many of their parking spaces are occupied by trucks or commercial vehicles. In addition, for those (extremely few) facilities that have put in place mechanisms monitoring real-time occupancy of parking spaces, such information is rarely made accessible to other parties that could further disseminate the information to truck drivers (e.g. private or public traffic information service providers), or even to truck and commercial drivers themselves. This could be facilitated if one or a number of information formats would be agreed upon and disseminated through existing communication channels directed to the end users.

## Glossary

- Onsite parking: use of any relevant safe and secure parking place to park a truck on Corridors and Highways only.
- Offsite parking: is considered when Trucks or commercial vehicles park outside safe and secure parking on highways or corridors, leading to potential road safety risks and to security problems (potential thefts and attacks).
- Safe and secure parking includes: the minimum reasonable requirement for physical security to high security standards.
- Vehicles concerned by this survey: HGV Heavy good vehicles and commercial vehicles.
- Road networks concerned: Motorways, corridors (TEN-T Core network corridors), Trans-European Road Network.
- Truck parking areas (TPA): parking areas for trucks and commercial vehicles.

## Important notice

The idle session time-out is 90 minutes. In case of a time-out, your replies will be lost. You are advised to prepare your answers beforehand.

## Caveat

Please note that this document has been drafted for information and consultation purposes only. It has not been adopted or in any way approved by the European Commission and should not be regarded as representing the view of the Commission. It does not prejudice, or constitute the announcement of any position on the part of the Commission on the issues covered. The European Commission does not guarantee the accuracy of the information provided, nor does it accept responsibility for any use made thereof.

Questions marked with an asterisk \* require an answer to be given.

## I. Information about the participant

Please provide your name, surname, and email address.

*A notification of receipt will be sent to this address. If the email address is not valid, the contribution will not be taken into account.*

\*

In what capacity are you completing this questionnaire?

\*

- As a citizen
- A private organisation
- A public authority
- A professional association



Is your organisation registered in the Transparency Register of the European Commission?

[http://europa.eu/transparency-register/index\\_en.htm](http://europa.eu/transparency-register/index_en.htm)

\*

- Yes
- No



Please indicate the identification number

\*



What is the name of your organisation or authority?

\*



What is your function within this organisation or authority?

\*



What is the country where your organisation or authority is established?

\*

- |   |   |  |
|---|---|--|
| <input type="radio"/> Afghanistan         | <input type="radio"/> Georgia                       | <input type="radio"/> Northern Mariana Islands         |
| <input type="radio"/> Albania             | <input type="radio"/> Germany                       | <input type="radio"/> Norway                           |
| <input type="radio"/> Algeria             | <input type="radio"/> Ghana                         | <input type="radio"/> Oman                             |
| <input type="radio"/> American Samoa      | <input type="radio"/> Gibraltar                     | <input type="radio"/> Pakistan                         |
| <input type="radio"/> Andorra             | <input type="radio"/> Greece                        | <input type="radio"/> Palau                            |
| <input type="radio"/> Angola              | <input type="radio"/> Greenland                     | <input type="radio"/> Panama                           |
| <input type="radio"/> Anguilla            | <input type="radio"/> Grenada                       | <input type="radio"/> Papua New Guinea                 |
| <input type="radio"/> Antarctica          | <input type="radio"/> Guadeloupe                    | <input type="radio"/> Paraguay                         |
| <input type="radio"/> Antigua and Barbuda | <input type="radio"/> Guam                          | <input type="radio"/> Peru                             |
| <input type="radio"/> Argentina           | <input type="radio"/> Guatemala                     | <input type="radio"/> Philippines                      |
| <input type="radio"/> Armenia             | <input type="radio"/> Guinea                        | <input type="radio"/> Pitcairn                         |
| <input type="radio"/> Aruba               | <input type="radio"/> Guinea-Bissau                 | <input type="radio"/> Poland                           |
| <input type="radio"/> Australia           | <input type="radio"/> Guyana                        | <input type="radio"/> Portugal                         |
| <input type="radio"/> Austria             | <input type="radio"/> Haiti                         | <input type="radio"/> Puerto Rico                      |
| <input type="radio"/> Azerbaijan          | <input type="radio"/> Heard and Mc Donald Islands   | <input type="radio"/> Qatar                            |
| <input type="radio"/> Bahamas             | <input type="radio"/> Holy See (Vatican City State) | <input type="radio"/> Reunion                          |
| <input type="radio"/> Bahrain             | <input type="radio"/> Honduras                      | <input type="radio"/> Romania                          |
| <input type="radio"/> Bangladesh          | <input type="radio"/> Hong Kong                     | <input type="radio"/> Russian Federation               |
| <input type="radio"/> Barbados            | <input type="radio"/> Hungary                       | <input type="radio"/> Rwanda                           |
| <input type="radio"/> Belarus             | <input type="radio"/> Iceland                       | <input type="radio"/> Saint Kitts and Nevis            |
| <input type="radio"/> Belgium             | <input type="radio"/> India                         | <input type="radio"/> Saint LUCIA                      |
| <input type="radio"/> Belize              | <input type="radio"/> Indonesia                     | <input type="radio"/> Saint Vincent and the Grenadines |
| <input type="radio"/> Benin               | <input type="radio"/> Iran (Islamic Republic of)    | <input type="radio"/> Samoa                            |

- Bermuda
- Bhutan
- Bolivia
- Bosnia and Herzegovina
- Botswana
- Bouvet Island
- Brazil
- British Indian Ocean Territory
- Brunei Darussalam
- Bulgaria
- Burkina Faso
- Burundi
- Cambodia
- Cameroon
- Canada
- Cape Verde
- Cayman Islands
- Central African Republic
- Chad
- Chile
- China
- Christmas Island
- Cocos (Keeling) Islands
- Colombia
- Comoros
- Congo
- Congo, the Democratic Republic of the
- Cook Islands
- Costa Rica
- Cote d'Ivoire
- Croatia (Hrvatska)
- Cuba
- Cyprus
- Czech Republic
- Iraq
- Ireland
- Israel
- Italy
- Jamaica
- Japan
- Jordan
- Kazakhstan
- Kenya
- Kiribati
- Korea, Democratic People's Republic of
- Korea, Republic of
- Kuwait
- Kyrgyzstan
- Lao People's Democratic Republic
- Latvia
- Lebanon
- Lesotho
- Liberia
- Libyan Arab Jamahiriya
- Liechtenstein
- Lithuania
- Luxembourg
- Macau
- Macedonia, The Former Yugoslav Republic of
- Madagascar
- Malawi
- Malaysia
- Maldives
- Mali
- Malta
- Marshall Islands
- Martinique
- Mauritania
- San Marino
- Sao Tome and Principe
- Saudi Arabia
- Senegal
- Seychelles
- Sierra Leone
- Singapore
- Slovakia (Slovak Republic)
- Slovenia
- Solomon Islands
- Somalia
- South Africa
- South Georgia and the South Sandwich Islands
- Spain
- Sri Lanka
- St. Helena
- St. Pierre and Miquelon
- Sudan
- Suriname
- Svalbard and Jan Mayen Islands
- Swaziland
- Sweden
- Switzerland
- Syrian Arab Republic
- Taiwan, Province of China
- Tajikistan
- Tanzania, United Republic of
- Thailand
- Togo
- Tokelau
- Tonga
- Trinidad and Tobago
- Tunisia
- Turkey

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|---|---|--|
| <input type="radio"/> Denmark                     | <input type="radio"/> Mauritius                       | <input type="radio"/> Turkmenistan                         |
| <input type="radio"/> Djibouti                    | <input type="radio"/> Mayotte                         | <input type="radio"/> Turks and Caicos Islands             |
| <input type="radio"/> Dominica                    | <input type="radio"/> Mexico                          | <input type="radio"/> Tuvalu                               |
| <input type="radio"/> Dominican Republic          | <input type="radio"/> Micronesia, Federated States of | <input type="radio"/> Uganda                               |
| <input type="radio"/> East Timor                  | <input type="radio"/> Moldova, Republic of            | <input type="radio"/> Ukraine                              |
| <input type="radio"/> Ecuador                     | <input type="radio"/> Monaco                          | <input type="radio"/> United Arab Emirates                 |
| <input type="radio"/> Egypt                       | <input type="radio"/> Mongolia                        | <input type="radio"/> United Kingdom                       |
| <input type="radio"/> El Salvador                 | <input type="radio"/> Montserrat                      | <input type="radio"/> United States                        |
| <input type="radio"/> Equatorial Guinea           | <input type="radio"/> Morocco                         | <input type="radio"/> United States Minor Outlying Islands |
| <input type="radio"/> Eritrea                     | <input type="radio"/> Mozambique                      | <input type="radio"/> Uruguay                              |
| <input type="radio"/> Estonia                     | <input type="radio"/> Myanmar                         | <input type="radio"/> Uzbekistan                           |
| <input type="radio"/> Ethiopia                    | <input type="radio"/> Namibia                         | <input type="radio"/> Vanuatu                              |
| <input type="radio"/> Falkland Islands (Malvinas) | <input type="radio"/> Nauru                           | <input type="radio"/> Venezuela                            |
| <input type="radio"/> Faroe Islands               | <input type="radio"/> Nepal                           | <input type="radio"/> Viet Nam                             |
| <input type="radio"/> Fiji                        | <input type="radio"/> Netherlands                     | <input type="radio"/> Virgin Islands (British)             |
| <input type="radio"/> Finland                     | <input type="radio"/> Netherlands Antilles            | <input type="radio"/> Virgin Islands (U.S.)                |
| <input type="radio"/> France                      | <input type="radio"/> New Caledonia                   | <input type="radio"/> Wallis and Futuna Islands            |
| <input type="radio"/> France, Metropolitan        | <input type="radio"/> New Zealand                     | <input type="radio"/> Western Sahara                       |
| <input type="radio"/> French Guiana               | <input type="radio"/> Nicaragua                       | <input type="radio"/> Yemen                                |
| <input type="radio"/> French Polynesia            | <input type="radio"/> Niger                           | <input type="radio"/> Yugoslavia                           |
| <input type="radio"/> French Southern Territories | <input type="radio"/> Nigeria                         | <input type="radio"/> Zambia                               |
| <input type="radio"/> Gabon                       | <input type="radio"/> Niue                            | <input type="radio"/> Zimbabwe                             |
| <input type="radio"/> Gambia                      | <input type="radio"/> Norfolk Island                  |  |



Please describe the activity of your organisation

\*

- |   |  |
|---|--|
| <input type="radio"/> Truck driver / Transporting company | <input type="radio"/> Truck parking operator (TPA) |
| <input type="radio"/> Freight operator                    | <input type="radio"/> Professional association     |
| <input type="radio"/> Insurance company                   | <input type="radio"/> Public administration        |
| <input type="radio"/> Private road concessionaire         | <input type="radio"/> Service provider (private)   |
| <input type="radio"/> Road operator (public or private)   | <input type="radio"/> Telecommunication sector     |
| <input type="radio"/> Other                               |  |



Please specify 'Other'



## II. Current situation on the existing capacity of safe and secure parking

1. The existing capacity of safe and secure parking areas for trucks and commercial vehicles along the main core European transport corridors is not utilised efficiently



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



2. Why do you (strongly) disagree?

3. This inefficient capacity usage leads to unauthorized parking behaviour

\*

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

4. The lack of information prevents the drivers from making optimal decision where and when to park, in order to comply with working time rules

\*

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

5. If you think TPA are not used efficiently, do you agree that non efficient use of TPA generates offsite parking

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*Truck parking Areas (TPA): parking areas for trucks and commercial vehicles*

\*

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

6. There is a high road safety risk (e.g. accidents) at offsite parking locations

\*

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

7. There is a high security risk (e.g. thefts) at offsite parking locations

\*

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

8. Offsite parking generates traffic congestion

\*

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

9. In your view, why does offsite parking take place?

### III. Scope and Impact of the provision of information and reservation services for safe and secure parking places for trucks and commercial vehicles

10. Appropriate **information** services on available safe and secure parking places would be useful for the drivers and transport companies

\*

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

11. In addition to information services, appropriate **reservation** services on available safe and secure parking places would be useful for the drivers and transport companies

\*

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

12. Would you be willing to pay for a parking place if a reservation service was available?

\*

- Everytime
- Very often
- Often
- Occasionally
- I'm not interested
- It does not suit my working method

13. The most efficient means of communication for providing information on safe and secure parking places would be in your opinion:

- a: Strongly agree
- b: Agree
- c: Disagree
- d: Strongly disagree
- e: Undecided

	a	b	c	d	e
Call from my Company or dispatcher *	<input type="radio"/>				
CB *	<input type="radio"/>				
Radio *	<input type="radio"/>				
Variable Message Signalling VMS *	<input type="radio"/>				
GSM *	<input type="radio"/>				
Other onboard unit *	<input type="radio"/>				
Internet *	<input type="radio"/>				
Other (please specify below)	<input type="radio"/>				

Please specify 'Other' if you included it in the previous question

14. When should the information be provided

\*

- Before the trip (static information)
- On trip information concerning all parkings (in a 200 km radius)
- On trip on a section approaching a parking (in a 80 km radius)
- On demand taking into account km left to drive, traffic situation and parking availability

15. In your opinion, the expected impact of information and reservation services for safe and secure parking is:

- a: Strongly agree
- b: Agree
- c: Disagree
- d: Strongly disagree
- e: Undecided

	a	b	c	d	e
To reduce searching and waiting times thanks to availability information *	<input type="radio"/>				
To give relevant information's on facilities *	<input type="radio"/>				
To give relevant information's on security *	<input type="radio"/>				
To give relevant information's on safety *	<input type="radio"/>				
To optimise the capacity of TPA, then offering more parking possibilities *	<input type="radio"/>				
To reduce accidents due to offsite parking *	<input type="radio"/>				
To reduce thefts and robberies by insuring actual safe and secure parking *	<input type="radio"/>				
To reduce greenhouse gas emissions (by reducing congestion and time necessary for finding a parking place) *	<input type="radio"/>				

16. What are, in your opinion, the major aspects of information and reservation services that need to be technically defined

- a: Strongly agree
- b: Agree
- c: Disagree
- d: Strongly disagree
- e: Undecided

	a	b	c	d	e
<b>Collecting</b> Have all detailed information collected on facility/security and quality of TPA's *	<input type="radio"/>				
<b>Sharing</b> Have online access to these information's *	<input type="radio"/>				
<b>Disseminating</b> Benefiting from these information's directly in the truck or the commercial vehicle *	<input type="radio"/>				

17. What other aspects than the ones listed above are there in your opinion?

#### IV. Implementation of the information and reservation services for truck parking

Specific additional questions for truck drivers and transport companies

18. Who take the decision where to park?

- The driver
- The transport company

19. Did you suffer from accidents or robbery while you were parking offsite?

\*

- Accident(s)
- Robbery
- Both
- None

20. The decision where to park is usually taken:

- |   |   |
|---|---|
| <input type="checkbox"/> Before the trip                          | <input type="checkbox"/> 2 hours before parking                     |
| <input type="checkbox"/> During the last hour before parking      | <input type="checkbox"/> Just minutes before parking                |
| <input type="checkbox"/> Based on existing information: TRANSPark | <input type="checkbox"/> Based on existing information: TRUCKinform |

21 a. Please estimate in **minutes and average kilometers** the extra necessary time and drive before finding a parking place  
(Formulate your answer as: [number] minutes and [number] average kilometers)

21 b. Please estimate in **kilometers per week** the extra necessary time and drive before finding a parking place  
(Formulate your answer as: [number] kilometers per week)

22. What are your main concerns regarding an efficient use of safe and secure parking for trucks or commercial vehicles?

### Specific additional questions for TPA operators

23. Are you a private or a public TPA operator?

- Private TPA operator
- Public TPA operator

24. Location type

- Corridor
- Cross border
- Proximity of industrial network

25. Estimation of trucks parked per year

26. Number of places

27. Estimation of occupation in percentage per year

%

28. Are you satisfied with the occupancy rate?

- Yes
- No

29. Pay parking?

- Yes
- No

30. Are you collecting real time information on occupancy for operational or statistical purposes?

- Yes
- No



31. At which frequency?

- Once a day
- Twice a day
- Every hour
- Permanently in real time

32. Would you agree to provide data (e.g. to a TPA data platform) on the capacity and location of your TPA for information purposes?

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



33. Would you agree to send, by your own means, timely information about the capacity?

- Yes
- No



34. By which means would you be ready to send information?

- Telephone
- SMS
- Internet
- Automatically via detectors
- Other(s) – please specify



Please specify 'Other(s)'

\*

35. What are your main concerns regarding an efficient use of safe and secure parking for trucks or commercial vehicles?

### Specific additional questions for all types of freight operators

36. Do you have specific parking requirements for dangerous goods transportation?

- Yes
- No

37. I would agree to contribute to the setting up and functioning of information services

\*

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

38. I would agree to the setting up and functioning of reservation services

\*

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

39. What are your main concerns regarding an efficient use of safe and secure parking for trucks or commercial vehicles?

### Specific additional questions for road operators

40. Are you a private or a public road operator?

- Private road operator
- Public road operator

41. In my view the best way to collect information is through

- a: Strongly Agree
- b: Agree
- c: Disagree
- d: Strongly disagree
- e: Undecided

	a	b	c	d	e
a) TPA operators	<input type="radio"/>				
b) Road operators	<input type="radio"/>				
c) Public administrations	<input type="radio"/>				

42. Please specify which level between these organisations

43. I would agree to contribute to the setting up and functioning of information services

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

44. I would agree to contribute to the setting up and functioning of reservation services

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

45. What are your main concerns regarding an efficient use of safe and secure parking for trucks or commercial vehicles?

46. Which organisation is the best placed to collect / share / disseminate the information on safe and secure parking for trucks and commercial vehicles?

*Multiple answers possible*

	Collect	Share	Disseminate
State authority	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local authority	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TPA operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private organisation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other – please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please specify 'Other' if you ticked it in the previous question

47. Appropriate information services on safe and secure parking places available for drivers and transport companies would contribute significantly to trucks parking

\*

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

48. Would you see the public or private sector in the lead for provisioning information and reservation services for safe and secure truck parking?

\*

- Rather the public sector
- Rather the private sector
- Some form of public private partnership

## V. Other questions

49. Please list reference to any studies or documents of relevance for this consultation on safety related traffic information, with links for online download where possible.

*Received contributions, together with the identity of the contributor, will be published on the Internet, 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.*

50. Do you consent to the publication of your response by the European Commission?

\*

- Yes
- Yes, but anonymously
- No

## Useful links

Europa page on this public consultation:

[http://ec.europa.eu/transport/road/consultations/2012-06-08-secure-parking-places\\_en.htm](http://ec.europa.eu/transport/road/consultations/2012-06-08-secure-parking-places_en.htm)

Transparency Register: [http://europa.eu/transparency-register/index\\_en.htm](http://europa.eu/transparency-register/index_en.htm)

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

## Background documents

Directive 2010/40/EU of the European Parliament and of the Council of 7 July 2010 on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32010L0040:EN:NOT>