



The ITS Action Plan

[Overview

- **1. Core Areas of Action**

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- **2. Implementation Priorities**

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- **3. Horizontal Activities**

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[Core Areas of Action (1)

Target 1: Optimised use of infrastructure: better European Road Traffic Management including the interaction with other transport modes

Target 2: Less congestion on European freight corridors and in cities by developing European solutions for demand management (tolling and road pricing, congestion management.)

Target 3: Enhancing the use of more environmentally friendly and energy efficient transport solutions



[Core Areas of Action (2)

Target 4: Improve safety/security of commercial transport operations (including control/respect of regulations on the social side, dangerous goods, etc.)

Target 5: Improve road safety with Driver Assistance Systems such as ESC, e-Call, ACC, Lateral Support, Driver hypo-vigilance systems, “speed alert” and “alcohol-lock” .

Target 6: Providing more reliable real-time traffic and travel information in a safe way.

Target 7: Improving the efficiency of logistics chains



[Core Areas of Action (3)

Questions:

- What are the most relevant targets among these seven for the eSafety Forum and its objectives?
- What are the top four (**new**) actions needed to achieve these targets?

[Core Areas of Action (4)



Target	Potentially needed actions
1. Optimised use of infrastructure	<ul style="list-style-type: none"> • Create guidelines for the Member states in order to support the development of a road-map for the infrastructure development for the new Member States.
2. Less congestion on European freight corridors	<ul style="list-style-type: none"> • (Target 5 and Target 6) Link the activities horizontally in order to optimise data collection activities (e.g. for eCall and RTTI) • (Target 5) Clear assessment of safety Improvement on the environment
3. Environmentally friendly and energy efficient transport solutions	<ul style="list-style-type: none"> • Guarantee integration and interoperability among different technological architectures and modalities (e.g. Web-services for mobility vs. ICT, use of eCall data for traffic management information). More specifically business integration architecture. Standardisation.
4. Improve safety/security of commercial transport operations	<ul style="list-style-type: none"> • Build a systemic-view, end-to-end level in order to transpose it from a higher level into different standards at lower level.
5. Improve road safety	<ul style="list-style-type: none"> • (Target 5) Develop an assessment scheme to quantify the contribution of ALL the different stakeholders involved in the ITS chain for both safety and clean mobility. Establish a tracking system for the progress of stakeholders.
6. Real-time traffic and travel information	<ul style="list-style-type: none"> • Create guidelines for stakeholders about minimum set of functionalities of systems and services. • Create a joint vision at EU level constituting a framework to support implementation.
7. Improving the efficiency of logistics chains	<ul style="list-style-type: none"> • Possibly complete the list of systems to be supported by the ITS Action Plan (i.e. Speed Alert).



[Core Areas of Action (4)



Target	(New) needed actions selected by the eSafety Forum
1. Optimised use of infrastructure	<ul style="list-style-type: none"> • Guarantee integration and interoperability among different technological architectures and modalities (e.g. Web-services for mobility vs. ICT, use of eCall data for traffic management information). More specifically business integration architecture. Standardisation. • (Target 5) Develop an assessment scheme to quantify the contribution of ALL the different stakeholders involved in the ITS chain for both safety and clean mobility. Establish a tracking system for the progress of stakeholders. • Create guidelines for stakeholders about minimum set of functionalities of systems and services.
2. Less congestion on European freight corridors	
3. Environmentally friendly and energy efficient transport solutions	
4. Improve safety/security of commercial transport operations	
5. Improve road safety	
6. Real-time traffic and travel information	
7. Improving the efficiency of logistics chains	



[Implementation Priorities (1)

The EU disposes of different instruments to make better use of ITS in road transport:

- **Financial support:** TEN programmes, EU's structural funds, the 7th Framework Programme, the Competitiveness and Innovation Programme (CIP).
- **Harmonisation and Standardisation** through the European Standardisation Bodies
- **Legislation** to the define requirements for performance and interoperability, to synchronise deployment across different MS and parties; new policy initiatives (e.g. social, monitoring dangerous goods, liability, privacy)
- **Soft measures** like public-private partnerships, best practice, user awareness (e.g. the eSafety Forum)



[Implementation Priorities (2)

Questions:

On the basis of the identified actions:
which are the most relevant instruments to
make them happen?



[Implementation Priorities (3)

Instrument	Integration and interoperability	Assessment scheme	Guidelines minimum set of functionality/services
1. Financial Support	2	3	2
2. Standardisation / Harmonisation	4	2	4
3. Legislation	1	1	1
4. Soft Measures	3	4	3



[Implementation Priorities (3)



Instrument	Integration and interoperability	Assessment scheme	Guidelines minimum set of functionality/services
1. Financial Support	<ul style="list-style-type: none"> Open architecture 	<ul style="list-style-type: none"> Invest some resources in knowing what is already available (state-of-the art) Ad-hoc research needed to converge on a common agreed methodology 	<ul style="list-style-type: none"> Collaboration between public-private sector
2. Standardisation / Harmonisation			
3. Legislation			
4. Soft Measures			



[Horizontal Activities

1. Exploitation of synergies (standardisation; open vehicle platform)
2. Framework for road data and traffic information exchange
3. Legal aspects (data security, privacy and liability)
4. Involvement of public authorities (concertation platform)
5. Framework for programme concertation and coordination (setting up of a European ITS Committee (EIC))
6. Demonstrating the case for ITS (FOT's, impact assessment, business cases)



[Related Activities

Questions:

- Concerning the priority actions selected, how can the horizontal actions contribute?

[Forum Activities

Horizontal activities	Integration and interoperability	Assessment scheme	Guidelines minimum set of functionality/services
1. Synergies (standardisation and open platform)	YES	NO	YES
2. Framework for road data and traffic information exchange	YES	YES	YES
3. Legal aspects of data security and certification, protection of data, liability	YES	NO	YES
4. Involvement of public authorities	YES	YES	YES
5. Framework for programme coordination (EIC)	YES	YES	YES
6. Demonstrating (FOT's, impact assessment, business cases)	YES	YES	YES

