

Transportation Deput of the University Center Systems

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Safety & Personal security

impact of transport on lives and lifestyle

Accessibility for disabled people

access to activities enhance life satisfaction and personal well-being

Health impacts

impact of transport on lives and lifestyle

# Relevant issues for transport and Social Sustainability

Community engagements and consultation

need to consult with the affected population about issues and schemes that affect them



Social inclusion

transport is a means to overcome social disadvantages and gain access to better jobs, education, facilities and services

### ransportation

Equal opportunities and fair treatment for customers and staff

transport authorities and operators not to discriminate

operators' staff to treat customers with dignity and respect; equality impact assessment

# Safety related transport indicators and their influence on social sustainability

Access to goods and services

greater transport safety

security

comfort

Transportation Systems

Improvement of the overall quality of transport

personal security

reduction of accidents and of health hazards

protection of passengers' rights

accessibility of remote regions

comfortable transport solutions for people with reduced mobility

Infrastructure

accessibility for all the people Greater use of public transport, of cycling and of walking

safer and more secure urban environment

ease congestion and reduce emissions

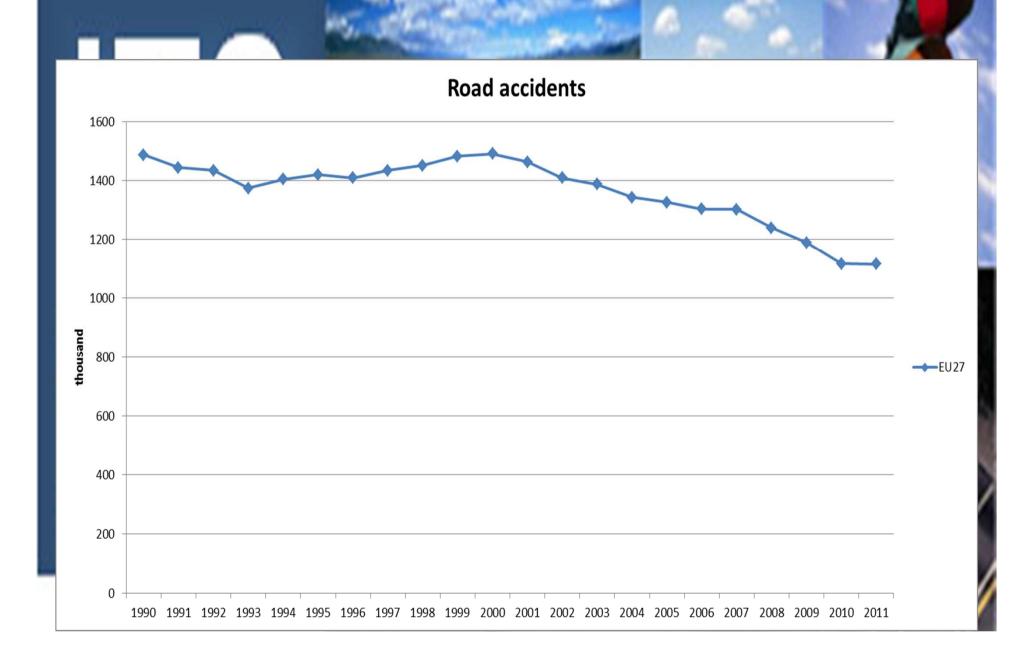
positive effects on people's health and well-being





- steady decreases in road fatalities (target 2020 27 000, 2010 indicator's value 31 030).
- Fatalities fell by 2 300 per year between 1991 and 2011.
- From 2001 to 2011, casualties in road traffic fellon average by 5.4 % per year.
- Progress between 2007 and 2011 was especially strong, and this has been linked to financial insecurity resulting from the economic crisis

### Road accidents



Road fatalities country rankings Road fatalities per million inhabitants, 2011 PL 109 EL 101 LT 98 HR RO BG 89 LV 87 PT 84 CY 83 BE 78 EE 75 CZ74 SI 69 HU 64 LU 64 IT 64 FR 63 62 AT EU27 60 SK 60 FI MT 51 DE 49 ES 45 ΙE 41 DK 39 SE 34 33 NL UK 31 0 100 120 20 40 60 80





### Policy objectives for ITS:

- seamless traffic management and Real-time Traffic and Travel Information (RTTI) services, and
- road and personal safety Advanced Driver Assistance Systems (more effective warning or imminent danger; support to drivers and vulnerable road users, faster response to accidents etc.)





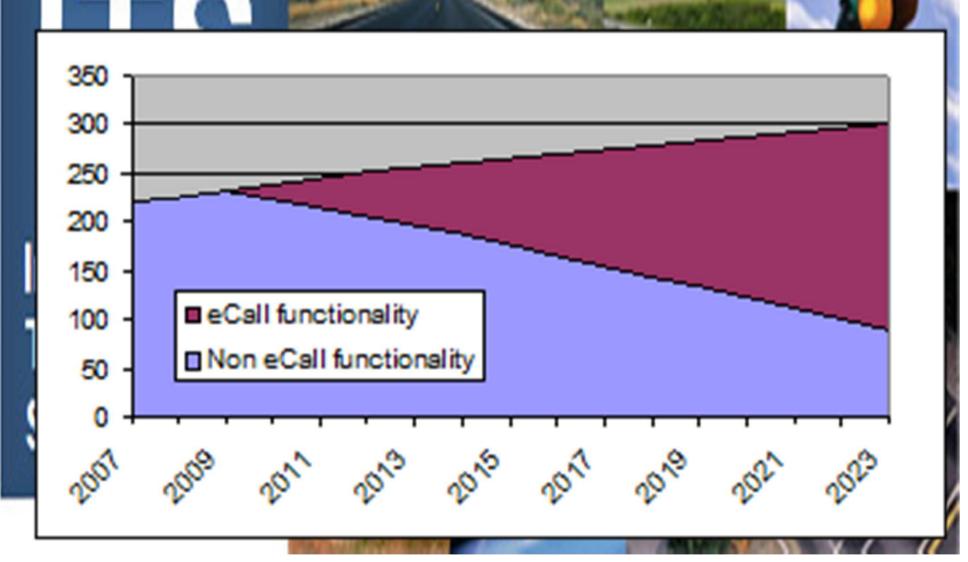


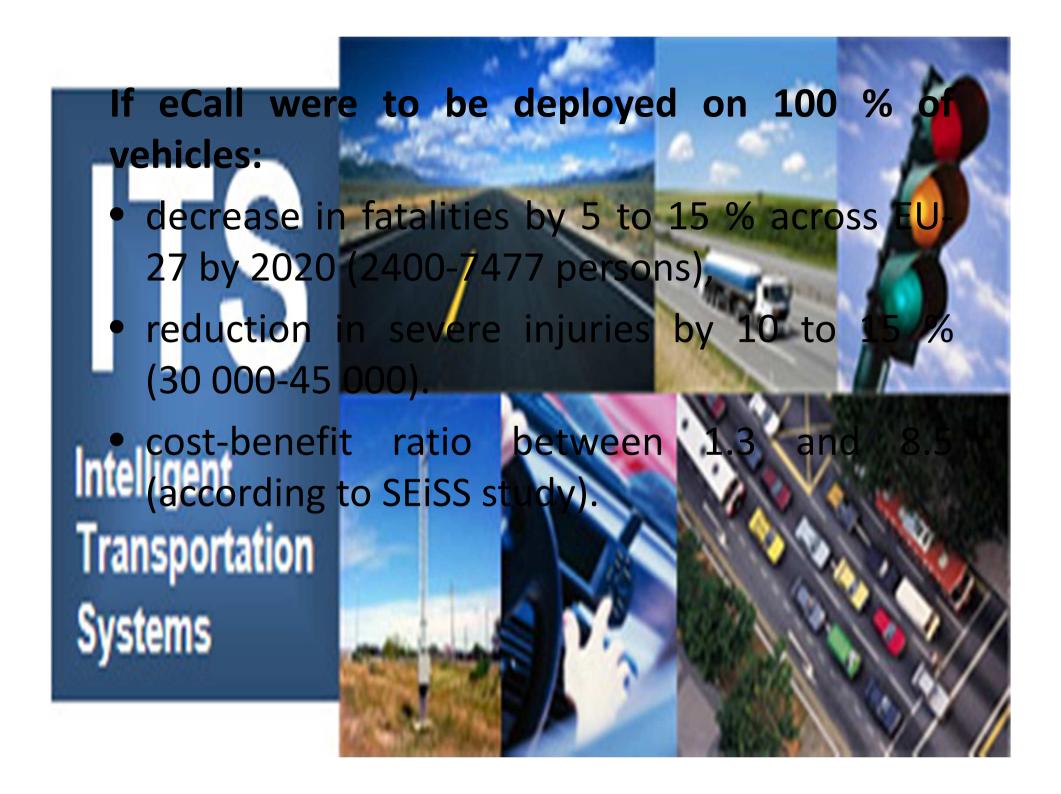
Scenario B - development and wider deployment of ITS services - with emphasis on enabling actions, synergies and coordination

- Actions:
  - Definition of an open functional platform for (invehicle) ITS Services;
  - Cooperation among stakeholders;
- Access to road and traffic data, optimisation of data exchange;
- Continuity of services across borders and modes;
- Data security, privacy and liability issues. Systems



# Estimated evolution of eCall in Europe in Mio of new cars (Source: e-Safety)





#### Scenario B +

## Scenario B extended with a comitology procedure

- replaces the High Level Group by an ITS Committee constituted by Member States' delegates and an advisory group bringing together senior key representatives from all industrial sectors.
- Impacts:
  - avoid the risks;
- ensure and speed up the implementation of policies;
- further reduction of administrative costs through better consultation;
- better chances to raise awareness of ITS among delegates
  from the public sector.

## Comparison

	Society		
Impacts on			
	Road Safety	Employment	Security
Scenario A			
Scenario B	+	+	+
Scenario C	++	+	++

### Conclusion

- For both Scenarios B and B + EU action can have an added value contributing to most of the policy objectives;
- The transport-related criteria of reduced congestion, higher road safety and less impact of road transport on the environment;
- Faster and more harmonised deployment of ITS services

#### Scenario B +:

- Positive impacts on congestion, road safety and emissions will be reached earlier;
- More lives will be saved and more time otherwise spent in congestion;
- CO<sub>2</sub> emissions will be reduced as well.

Contributing to social sustain builty.

