

# ASSIST



**A**Ssessing the **S**ocial and economic **I**mpacts of past and future **S**ustainable **T**ransport policy in Europe

**Discussion of Transport policy measures (TPM)**

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## Structure of TPMs

Transport policy measures were allocated to **eight categories** according to the EU 2011 Transport White Paper

- 1 Pricing
- 2 Taxation
- 3 Infrastructure
- 4 Internal markets
- 5 Standards and flanking measures
- 6 Transport planning
- 7 Research and Innovation
- 8 Others

## Terminology 1

### Transport policy measure (TPM)

is transport policy made by the EC, usually issued as Directive or Regulation

#### Examples:

- Directive 91/440 on the Development of the Community's Railways
- Directive 99/62 on the charging of heavy goods vehicles

The TPMs are related to the EU 2011 Transport White Paper

# 1 Pricing

Sub-categories	TPMs
<ul style="list-style-type: none"><li>• Infrastructure charging / Access restrictions schemes</li></ul>	<ul style="list-style-type: none"><li>• <i>Area congestion charging</i> <i>Cordon pricing</i></li></ul>
<ul style="list-style-type: none"><li>• External cost charges</li></ul>	<ul style="list-style-type: none"><li>• <b>Inclusion of air transport into the EU-ETS in 2012</b></li><li>• <b>Eurovignette Directive</b></li></ul>
<ul style="list-style-type: none"><li>• Public funding of transport</li></ul>	<ul style="list-style-type: none"><li>• <i>Free public transport</i></li></ul>
<ul style="list-style-type: none"><li>• Other / new financing instruments</li></ul>	<ul style="list-style-type: none"><li>• <i>PPP promotion/support: PPP systems e.g. build-operate-transfer (BOT)</i></li></ul>

## 2 Taxation

Sub-categories	TPMs
• Fuel taxation	• <b>Energy taxation Directive (2003/96/EC)</b>
• Transport taxation	• <i>Vehicle taxation (circulation &amp; registration taxes)</i> • <i>CO2 based annual vehicle circulation tax (CO2 taxation)</i>

### 3 Infrastructure

Sub-categories	TPMs
<ul style="list-style-type: none"> <li>• European TEN-T network – cross border missing links</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Reduction of TEN-T network missing links</b></li> </ul>
<ul style="list-style-type: none"> <li>• European TEN-T network – key bottlenecks (freight and passenger)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>New infrastructure to eliminate bottlenecks</b></li> </ul>
<ul style="list-style-type: none"> <li>• European TEN-T network – multi-modal freight corridor structures</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Increase TEN-T Network intermodal connection points</i></li> </ul>
<ul style="list-style-type: none"> <li>• EU transport infrastructure in view of energy efficiency needs and climate change challenges</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Green transport corridors (COM (2007/607))</b></li> </ul>
<ul style="list-style-type: none"> <li>• Planning procedure (timing, communication framework, environmental issues)</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Streamline project procedures with European interest</i></li> </ul>
<ul style="list-style-type: none"> <li>• Capacity and quality of transport systems</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Bus priority lane</b></li> <li>• <i>infrastructure extension outside TEN-T</i></li> </ul>
<ul style="list-style-type: none"> <li>• Intelligent Transport Systems (IST)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Deployment of roadside-based ITS infrastructure for information services</b></li> </ul>

## 4 Internal Markets

Sub-categories	TPMs
• Internal market (road)	• <b>Elimination of restrictions on cabotage</b>
• Internal market (rail)	• <i>Opening of the domestic rail passenger market</i>
• Internal market (inland waterway)	• <i>Stimulate the Integration of IWW</i>
• Internal market (maritime)	• <i>National port structure (hub and spoke)</i>
• Internal market (aviation)	• <b>SESAR</b>
• Transport security - cargo	• <i>Rules on Air Cargo screening</i>
• Transport security – passenger	• <i>Security scanners at airports</i>
• Transport security – land transport	• <i>Interurban transport security</i>
• Transport security – „end-to-end“	• <i>Supply chain security</i>
• Multimodal transport	• <i>Simulate bundling of transport flows</i>

## 5 Standards and flanking measures

Sub-categories	TPMs
• Standards – transport safety	• <b>European Road Safety Action Programme (RSAP)</b>
• Standards – passenger rights	• <i>Single EU framework regulation: Introduction of passenger rights regulation valid for all modes</i>
• Standards – environment	• <i>Noise emission standards SEC (2008)2203, SEC (2011)1505</i>
• Flanking measures – promotion, information, dialogue	• <i>Fuel efficiency labelling for new cars</i> • <i>Eco driving</i>
• Flanking measures – regulation	• <i>Introduction of speed limitation for light commercial road vehicles</i> • <i>Limiting the speed on motorways</i>



## 6 Transport planning

Sub-categories	TPMs
<ul style="list-style-type: none"> <li>• Mobility strategies and plans</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Promoting car sharing</b></li> <li>• <i>Compulsory (inter-)regional transport mobility plans</i></li> </ul>
<ul style="list-style-type: none"> <li>• Urban mobility – plans &amp; audits</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Promoting cycling: Improving road infrastructure and parking facilities for bicycles</i></li> <li>• <b>Park &amp; Ride systems</b></li> </ul>
<ul style="list-style-type: none"> <li>• Urban mobility – certification and labelling</li> </ul>	<ul style="list-style-type: none"> <li>• <i>„Smart cities initiative“</i></li> </ul>
<ul style="list-style-type: none"> <li>• Urban mobility – management and monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Fare and schedule coordination</i></li> <li>• <i>Freight vehicle lanes</i></li> </ul>
<ul style="list-style-type: none"> <li>• Urban mobility – urban logistics strategies</li> </ul>	<ul style="list-style-type: none"> <li>• <b>City logistic / Urban freight distribution / Urban consolidation center etc.</b></li> </ul>
<ul style="list-style-type: none"> <li>• Urban mobility – „zero/low emission strategies</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Low Emission Zones (LEZ) / Environmental zone</b></li> <li>• <i>Low emission public transport</i></li> </ul>

## 7 Research and innovation

Sub-categories	TPMs
<ul style="list-style-type: none"><li>• Technology – vehicles</li></ul>	<ul style="list-style-type: none"><li>• <b>Electromobility</b></li></ul>
<ul style="list-style-type: none"><li>• Technology - transport infrastructure / systems</li></ul>	<ul style="list-style-type: none"><li>• „<i>Intelligent transport infrastructures</i>“ to ensure monitoring and interoperability for different forms of transport</li></ul>
<ul style="list-style-type: none"><li>• Technology – transport information systems, management &amp; services</li></ul>	<ul style="list-style-type: none"><li>• <b>E-Freight</b></li><li>• <i>Smart mobility</i></li></ul>
<ul style="list-style-type: none"><li>• Framework – transport safety</li></ul>	<ul style="list-style-type: none"><li>• <b>European Rail Traffic management system ERTMS</b></li></ul>
<ul style="list-style-type: none"><li>• Framework – promotion and incentives</li></ul>	<ul style="list-style-type: none"><li>• <i>Measures to promote increased replacement rate of inefficient and polluting vehicles</i></li></ul>
<ul style="list-style-type: none"><li>• Framework – technology and infrastructure</li></ul>	<ul style="list-style-type: none"><li>• <i>Fostering H2 fuel cell batteries</i></li></ul>

## 8 Other

Sub-categories	TPMs
<ul style="list-style-type: none"><li>• Alternative commute solutions</li></ul>	<ul style="list-style-type: none"><li>• Promotion of flexible working hours (and opening hours), terminals, gating</li><li>• Promotion of teleworking</li></ul>

Our questions to you:

1. Which are the most significant measures, not at least in respect to the specific categories / subcategories?
2. Which essential transport policy measures are not considered in the extensive list?
3. Any comments to all other TPMs?

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