TRANSPORT RESEARCH IN FP7

Objective

- Based on technological & operational advances and on the **European transport policy**
- Develop **integrated, safer, greener & smarter** pan-European transport systems for the benefit of all **citizens & society** and climate policy
- Respecting the **environment** & natural resources
- And securing and further developing the **competitiveness** attained by the European industries in the global market
Work Programme 2011
WORK PROGRAMME 2011
Policy context

- The Communication ‘A sustainable future for transport: towards an integrated, technology-led and user friendly system’
- The European Road Safety Action Programme 2011-2020
- The Commission Communication ‘Limiting Global Climate Change to 2 degrees Celsius. The way ahead for 2020 and beyond
- The ‘European Economic Recovery Plan’
- The Political guidelines for the next Commission
- The Commission Communication ‘Europe 2020 – A strategy for smart, sustainable and inclusive growth’
- The Lund Declaration
- The (draft) Communication ‘Europe 2020 Flagship Initiative - Innovation Union: Transforming Europe for a post-crisis world’
WORK PROGRAMME 2011
Policy context

- European transport research has a role to maintain and increase the **efficiency of the different transport modes** as well as **their interaction** and to foster progress.

- **Technological progress**, the **organisation** of transport and understanding the **supply & demand** factors are key elements in European transport research & innovation.

- The European transport system serves key roles in the transportation of **people and goods** in a local, regional, national, European and international context.

- It is essential to **Europe’s prosperity** and closely linked to economic growth and quality of life.
Transport has become a victim of its own success, leading to **traffic congestion** and **excessive use of fossil fuels**

The **grand challenge** for transport is to overcome this paradox and make growth & sustainability compatible

- By decoupling environmental impacts from economic growth
- While ensuring the competitiveness of the European transport industry
The strategic objectives of transport research can be summarized as follows:

- Decarbonising & greening the transport system
- Increasing efficiency of the whole transport system
- Improving safety & security of passengers
- Strengthening the competitiveness of the European industry
- Pioneering the transport of the future
- Enhancing and strengthening the ERA
The transport theme takes a holistic transport system approach in addressing the challenges. By considering the interactions of vehicles or vessels, networks or infrastructures and the use of transport services. Such an approach will necessitate the integration of new concepts, knowledge & technologies within a socio-economic and policy context.
The objective is to exploit
- The synergies between the sub-themes and
- their contribution to the common objectives of
  - advancing competitiveness and
  - responding to the societal challenges of the transport system
WORK PROGRAMME 2011

Strategy

• By switching to **full annuality** of budget consumption, 2010 and 2011 calls of the transport theme are substantially smaller than all the previous calls

• The **balance**
  – between *bottom-up* and *top-down* research,
  – between *upstream* research and research on *technology integration*,
  – as well as between various *research areas* and *funding schemes*

• will be attained in a **multi-annual perspective** by integrating the successive WPs in the period 2010-2013
WP2011 is complementary to WP2010

The results of the 2007 and 2008 calls have also been considered in selecting topics for WP2011

To overcome fragmentation and achieve critical mass WP2011 focuses on a limited number of very strategic priorities

- with particular attention to strengthening innovation and
- the potential leverage effect and EU added-value
HORIZONTAL ACTIVITIES for the implementation of the Transport Programme
This section of the Work Programme is not formally structured in activities and areas according to the Specific Programme

- **Socio-economic** research & technology **foresight**
- **Integration** of transport modes & **cross-cutting** research
- **Transport** & Environment
- Strengthening the **European Research Area & encouraging participation** (international **cooperation**)
- Exploitation, **dissemination** & awareness of RTD results
- **Evaluation** of results
## Horizontal Activities Structure

<table>
<thead>
<tr>
<th>Domain</th>
<th>Projects WP 2007</th>
<th>Projects WP 2008</th>
<th>Projects WP 2010</th>
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<tr>
<td>Socio-economic research &amp; Technology Foresight</td>
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<td>Strengthening the European Research Area &amp; Encouraging participation</td>
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<td>Exploitation, Dissemination &amp; Awareness of RTD Results</td>
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<tr>
<td>Evaluation of results</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>13</strong></td>
<td><strong>13</strong></td>
<td><strong>5</strong></td>
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</tbody>
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EU added-value **cross-modal activities** of policy and socio-economic character are included in the TPT 2011 call.

These activities address:

- **Socio-economic** research & technology **foresight**
- **Integration** of transport modes & **cross-cutting** research
- Strengthening the **European Research Area**, encouraging participation, and dissemination of research results
TPT 4\textsuperscript{rd} Call

Socio-economic research & technology foresight

TPT.2011-1-1. Enhancing connectivity between research solutions and policy-making for the sustainable development of Transport

TPT.2011-1-2. Transport needs for an ageing society

TPT.2011-1-3. Socio-economic challenges for breakthrough innovations in European freight transport
Integration of transport modes & cross-cutting research

**TPT.2011-2-1.** Integration of passenger transport modes and travel information services through the analysis of social behaviour, mobility patterns and business models as basis for the decarbonisation of the European transport system

**TPT.2011-2-2.** Enhanced cross-fertilization and synergies in research actions dealing with safety aspects

**TPT.2011.2-3** Modelling of co-modality quick wins: Roadmap towards co-modality
Strengthening the ERA, encouraging participation, and dissemination of research results

TPT.2011.3-1. A productive international cooperation to strengthening the European Transport research area and facing global challenges
Call title: FP7-TRANSPORT (TPT)-2011-RTD-1

Indicative budget: 6 M€

Funding schemes
- CP-FP, CP-FP-SICA (Max. EC contribution: 1.5 M€)
- BSG-CSO, CSA-CA, CSA-SA

Potential proposers' attention is drawn on the need in this call to address issues that are of interest to more than one transport mode !!!
THANK YOU FOR YOUR ATTENTION!