



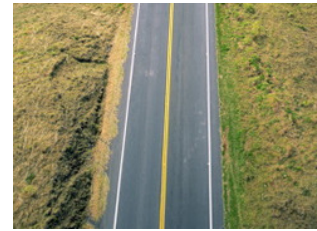
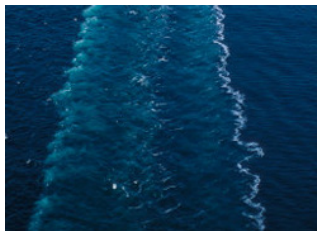
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FP7 - TRANSPORT

Work Programme 2011

HORIZONTAL ACTIVITIES



European Commission
DG RTD – H.1

Frank SMIT

FP7 Information Days for Transport

Brussels, 22-23 July 2010





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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

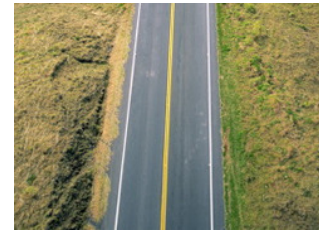
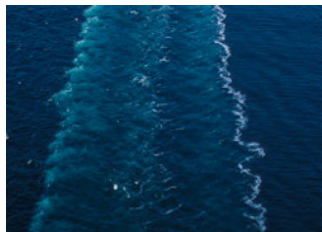




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Policy context

- The White Paper on Transport *'European Transport Policy for 2010: Time to decide'* and its Mid-term review
- 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'*



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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





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Policy context

- 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



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Approach

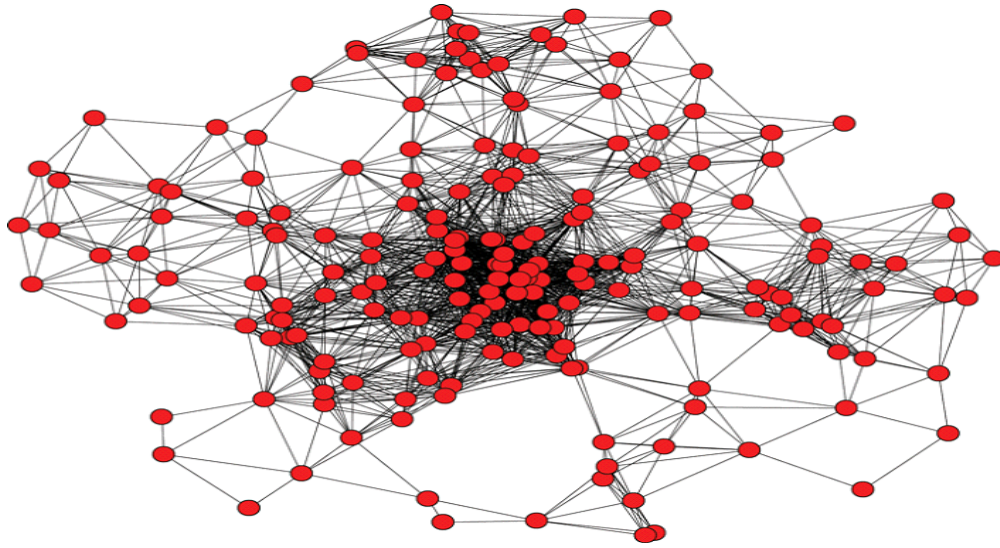
- The **strategic objectives** of transport research can be summarized as follows
 - **Decarbonising & greening** the transport system
 - Increasing **efficiency** of the whole transport system
 - Improving **safety & security** of passengers
 - Strengthening the **competitiveness** of the European industry
 - Pioneering the **transport of the future**
 - Enhancing and strengthening the **ERA**



WORK PROGRAMME 2011 Approach

- 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





WORK PROGRAMME 2011 Approach

- 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



WORK PROGRAMME 2011

Strategy

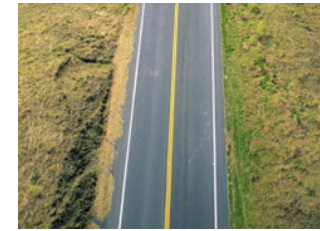
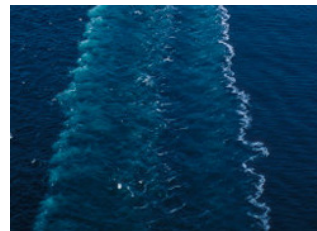
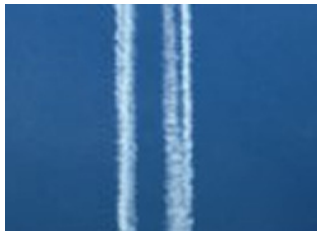
- WP2011 is **complementary** to WP2010
- The **results** of the 2007 and 2008 calls have also been considered in selecting topics for WP2011
- To overcome fragmentation and achieve critical mass WP2011 focuses on a limited number of very **strategic priorities**
 - with particular attention to strengthening innovation and
 - the potential leverage effect and EU added-value



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HORIZONTAL ACTIVITIES for the implementation of the Transport Programme





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Horizontal Activities Structure

- 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





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Horizontal Activities Structure

Domain	Projects WP 2007	Projects WP 2008	Projects WP 2010
<i>Socio-economic research & Technology Foresight</i>	1	0	0
<i>Integration of transport modes & cross-cutting research</i>	3	3	3
<i>Transport & Environment</i>	0	5	0
<i>Strengthening the European Research Area & Encouraging participation</i>	1	3	2
<i>Exploitation, Dissemination & Awareness of RTD Results</i>	3	1	0
<i>Evaluation of results</i>	5	1	0
Total	13	13	5





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TPT 4rd Call

Content of call 2011

- 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



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TPT 4rd 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





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TPT 4rd Call

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





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TPT 4rd Call

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



TPT 4rd Call

General information

- **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 !

