



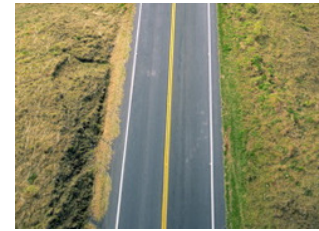
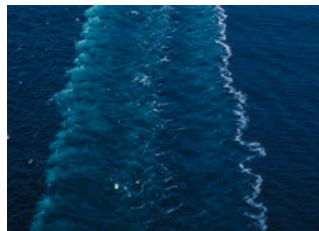
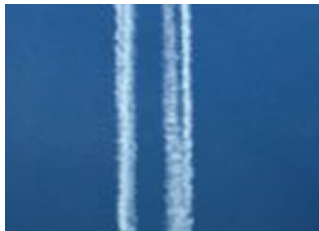
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# FP7 - TRANSPORT

## 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

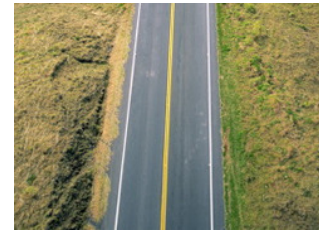
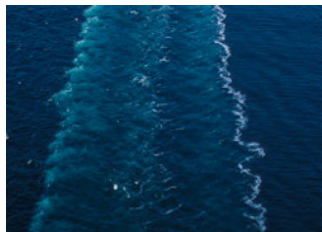




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# Work Programme 2011





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# WORK PROGRAMME 2011

## 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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# 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





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# WORK PROGRAMME 2011

## 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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# WORK PROGRAMME 2011

## 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**

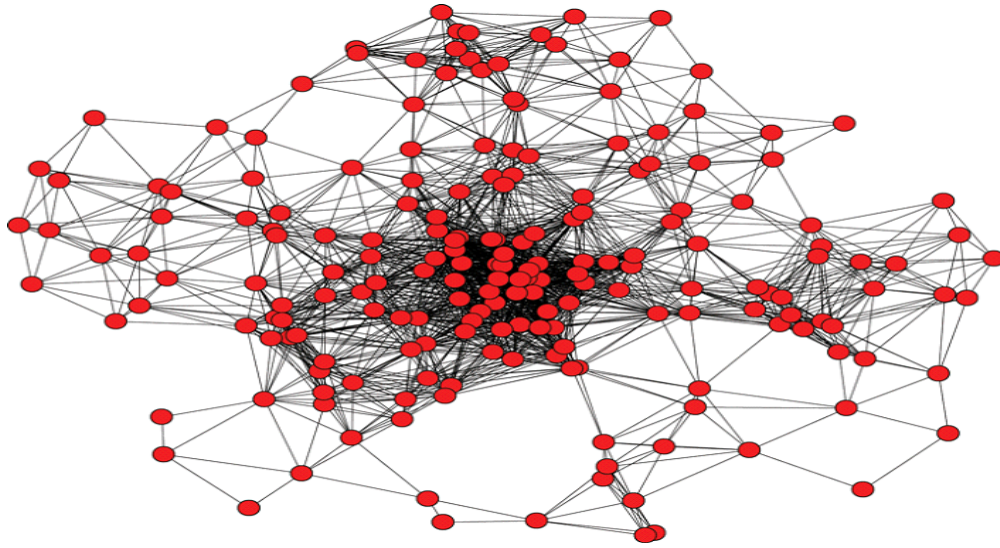




# WORK PROGRAMME 2011 Approach

- 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

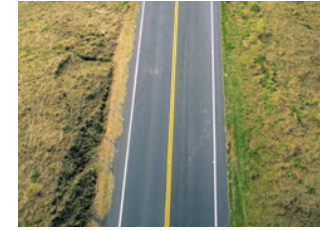
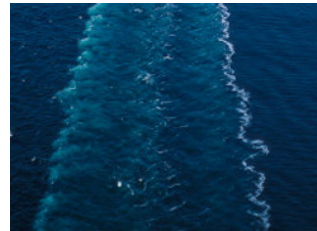
- WP2011 is **complementary** to WP2010
- The **results** of the 2007 and 2008 calls have also been considered in selecting topics for WP2011
- To overcome fragmentation and achieve critical mass WP2011 focuses on a limited number of very **strategic priorities**
  - with particular attention to strengthening 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 &amp; Technology Foresight</i>	1	0	0
<i>Integration of transport modes &amp; cross-cutting research</i>	3	3	3
<i>Transport &amp; Environment</i>	0	5	0
<i>Strengthening the European Research Area &amp; Encouraging participation</i>	1	3	2
<i>Exploitation, Dissemination &amp; Awareness of RTD Results</i>	3	1	0
<i>Evaluation of results</i>	5	1	0
<b>Total</b>	13	13	5







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# TPT 4<sup>rd</sup> 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 4<sup>rd</sup> 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 4<sup>rd</sup> 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 4<sup>rd</sup> 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 4<sup>rd</sup> 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 !**

