

>> KEY FACTS

This update: 6 Aug 09

Budget for Work Programme 2010
~ €148.79 millions

FP7-SST-2010-RTD-1
>> **Deadline: 14 Jan 2010**
>> **Budget: € 93.79m**

FP7-TRANSPORT-2010-TREN-1
>> **Deadline: 14 Jan 2010**
>> **Budget: € 35m**

FP7-2010-GC-ELECTRO-CHEMICAL-STORAGE
>> **Deadline: 14 Jan 2010**
>> **Budget: € 5m**

FP7-OCEAN-2010
>> **Deadline: 14 Jan 2010**
>> **Budget: € 7.5m**

FP7-TPT-2010-RTD-1
>> **Deadline: 14 Jan 2010**
>> **Budget: € 6m**

>> Website / Information

<http://cordis.europa.eu/fp7/transport/>

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Transport Work Programme 2010

A. Objectives

The FP7 2010 Transport Work Programme aims to address the following key challenges:

- Development of integrated, safer and more environment-friendly pan-European transport systems
- Strengthening EUs transport with respect of environment and natural resources
- Further developing the competitiveness attained by the EU industries in the global market



B. Key policy drivers

- Long-term perspective of competitiveness and sustainability
- Climate change and energy transition
- Broad societal changes in Europe and beyond
- Globalisation, external dimensions and international cooperation by continuing research target to sustaining the sector's competitiveness
- Further development and implementation of EU transport policy
- Enhancing and strengthening the ERA
- Joint Programming by helping MS/AS engagement in defining and implementing common research agendas
- Coordination between transport-related research

This work programme has a section on 'Greening of surface transport' and includes 'The European Green Cars Initiative'

Major impacts lines of this initiative are:

- Major reduction in CO2 emissions e.g. 50% reduction of CO2 for new passenger cars by 2020, 30% for HGVs
- Increased share of bio fuels and alternative hydrocarbon fuels
- Introduction of hydrogen and fuel cell technology in surface transport
- Reduction of external and interior noise

European Green Cars Initiative (from the European Economic Recovery Package)

Includes three major R&D avenues:

- Research for heavy duty vehicles based on the Internal Combustion Engine
- **Research on electric and hybrid vehicles**
- Logistics and co-modality combined with Intelligent Transport Systems.

This Work Programme work programme concentrates on electric and hybrid vehicles and infrastructures with 9 topic areas.

C. Information Days on Transport—Sept 28th and 29th 2009

An information day on both **surface 28th** and **aeronautic 29th September** in Brussels. There will also be a brokerage session for Green Car projects on 29th September. Find out more from weblink below.

http://ec.europa.eu/research/transport/events/infodays2009_en.html

D. Funding schemes

Collaborative projects: at least 3 independent legal entities, each of which is established in a Member State or Associated Country, and no 2 of which are established in the same MS or AC. These projects in the **FP7-Transport-TPT-2010-RTD-1 call** are small or medium-scale research projects with a **maximum requested Community contribution of € 1.5m**. Sustainable surface transport **FP7-SST-2010-RTD-1** large-scale integrating projects with a **minimum of requested Community contribution of € 3m**.

FP7 Transport Work Programme 2010

	Objectives	Funding scheme
Subtheme 7.2. Sustainable surface transport (including the 'European Green Cars Initiative		
1.	The greening of surface transport	
1.1	The greening of products and operations	
	Carbon footprint of freight transport	Collaborative project (small or medium-scale project)
	Energy-efficiency of ships	Collaborative project (small or medium-scale project)
	Attenuation of ground-borne vibration affecting residents near railway lines	Collaborative project (large-scale integrating project)
	Advanced after treatment solutions for mitigation of emissions from ships	Collaborative project (small or medium-scale project)
1.2.	Environment-friendly and efficient industrial processes	<i>No topics foreseen in the 2010 call</i>
1.3.	Socio-economic issues	
	Transport modelling for policy impact assessments	Coordination and support action aiming at supporting research
	Social and economic impacts of transport policy	Coordination and support action aiming at supporting research
2.	Encouraging modal shift and decongesting transport corridors	
2.1.	Logistics and intermodal transport	
	Fast implementation of innovative/effective rail technologies to improve rail freight services	Collaborative Project (small or medium-scale focused research project)
	Efficient interfaces between transport modes	Collaborative projects (small or medium-scale)
	Development and promotion of best practice in freight logistics	Coordination and support actions aiming at coordinating research
	Demonstration project for the rail freight network	Collaborative project with demonstration content
	Maritime and inland waterways transport	<i>No topic is open in 2010 calls</i>
	Enhancement of the knowledge base of the rail sector	<i>No topic is open in 2010 calls</i>
	Quality of rail services	<i>No topic is open in 2010 calls</i>
	Interoperability and safety	<i>No topic is open in 2010 calls</i>
	Traffic and information management	<i>No topic is open in 2010 calls</i>
	Policy support	<i>No topic is open in 2010 calls</i>
3.	Ensuring sustainable urban mobility	
	New transport and mobility concepts	<i>No topic is open in 2010 calls</i>
	High quality public transport	<i>No topic is open in 2010 calls</i>
	Demand management	<i>No topic is open in 2010 calls</i>
	Innovative strategies for clean urban transport	<i>No topic is open in 2010 calls</i>
	Policy support	<i>No topic is open in 2010 calls</i>
4.	Improving safety and security	
4.1.	Integrated safety and security for surface transport systems	
	Safety and security by design in transport stations and terminals	Collaborative project (small or medium-scale project)
	Minimizing the risk of fatigue failure of railway axles	Collaborative project (small or medium-scale project)
4.2.	Policy support	

	Objectives	Funding scheme
5.	Strengthening competitiveness	
5.1	Competitive industrial processes	
	Improved through-life asset management through application of advanced production, retrofit and dismantling processes	Collaborative project (small or medium-scale project)
5.2	Competitive surface transport products and services	
	Automated and cost effective railway infrastructure maintenance	Collaborative project (small or medium-scale project)
	The sustainable freight railway: designing the freight vehicle—track system for higher delivered tonnage with improved availability at reduced cost	Collaborative project (large-scale integrating projects)
	Step changes in rail freight logistics: new technologies and methods to increase freight competitiveness in the emerging low density, high value market	Collaborative project (small or medium-scale project)
	Competitive continental shipping including port operations	Collaborative project (large-scale integrating projects)
	Upgraded maritime transport information management	Collaborative project
6.	Cross-cutting activities for implementation of the sub-theme programme	
	Towards improved technology transfers	Coordination and support actions aiming at coordinating research
	Maritime industry knowledge network	Collaborative projects
	ERA-Net MARTEC II	Coordination and support actions aiming at coordinating research
7.	The 'European Green Cars Initiative'	
	Electrical machines	Collaborative project
	Integrated electric auxiliaries and on-board systems	Collaborative project
	Optimised thermal engine development and integration	Collaborative project
	Smart storage integration	Collaborative project
	Advanced electric vehicle concepts	Collaborative project
	Implementing Public-Private Partnership in the 'European Green Cars Initiative'	Coordination and support action aiming at coordinated research
	Raising awareness of potential job opportunities related to the electrification of road transport	Coordination and support action aiming at coordinated research
	Green Cars—Integrated EU demonstration project on electromobility	Collaborative project with a predominant demonstration component
	Materials, technologies and processes for sustainable automotive electrochemicals storage applications	Collaborative projects
8.	'The Ocean of tomorrow' - joining research forces to meet challenges in ocean management	
	Quantification of climate change impacts on economic sectors in the Arctic	Collaborative project (large-scale integrating projects)
	Vectors of changes in marine life, impact on economic sectors	Collaborative project (large-scale integrating projects)
	Sub-seated carbon storage and the marine environment	Collaborative project (large-scale integrating projects)

	Objectives	Funding Schemes
Subtheme 7.3. Horizontal activities for implementation of the transport programme		
1.	Socio-economic research and technology foresight	
	Global challenges in a long-term perspective: 2030–2050	Coordination and support action aiming at supporting research activities
	Prospects on upcoming global competition for the European transport industry on clean transport systems	Coordination and support action aiming at supporting research activities
	Exploring future transport paradigms beyond 2050	Coordination and support action aiming at supporting research activities
2.	Integration of transport modes and cross-cutting research	
	Optimisation and integration of R&D efforts for transport of passengers by enhanced intermodality	Collaborative project small or medium-scale research, Coordination and support action
	Demand/supply management and logistics for transport of passengers through increased co-modality and understanding of social behaviour	Collaborative project small or medium-scale, Coordination and support action, Research for the benefit of specific groups—Civil Society Organisations
	Alternative fuels in transport	Coordination and support actions, Collaborative project for specific cooperation actions dedicated to international cooperation partner countries
	Noise mitigation research in transport: coordination of research and strategies	Coordination and support action
3.	Strengthening the European Research Area and encouraging participation	
	Analysis of the state of ERA development within the transport domain	Coordination and support action
	Market uptake of transport research and role of actors and regions	Coordination and support action aiming at supporting research activities
4.	Dissemination and awareness of research results	
	Supporting the organisation of conferences or events of special relevance to the European transport sector	Coordination and support action
	Environmental transport database	Coordination and support action

EU Transport Research Knowledge Centre—continuation of activities		
	Continuing the successful implementation of the ongoing Transport Research Knowledge Centre 'ExtraWebII'	CSA, public procurement € 3m Launch of tender: by end 2009 Contract start: by mid 2010 until end 2013