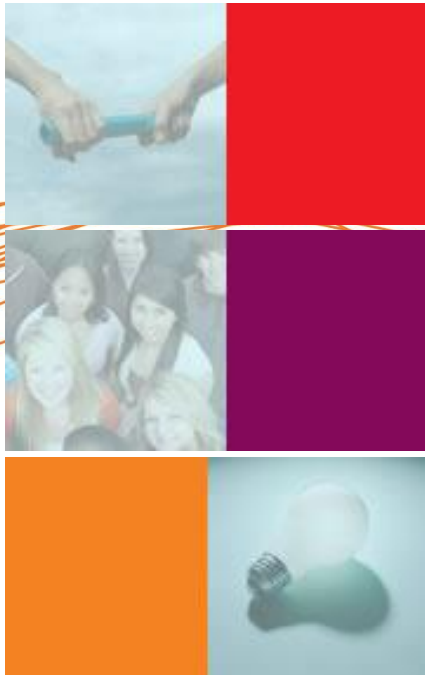




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# FP7 Maritime Innovation and Brokerage Event



**Liam BRESLIN**  
**HEAD OF UNIT**  
**European Commission**  
**DG RTD – Transport**

London 07-08/09/2011



- **FP7**
  - Background and structure of FP7
  - Research in the waterborne transport sector (calls 1 to 4)
  - 5<sup>th</sup> Call
- **Transport in the next Common Strategic Framework for Research and Innovation**
- **European Transport research Conference**





# 7<sup>th</sup> Framework Programme

- **Treaty (Art. 179 -190) (ex. Art 163 ..):** Strengthen the scientific and technological bases (of the European Union) by achieving a European research area (...) and encouraging it to become more competitive, including in its industry.
- **Lisbon strategy (2000):** Strategic goal to become the most-competitive and dynamic knowledge-based economy
- **'Lisbon strategy' (2002):** Overall spending on research and development and innovation should approach 3% of the GDP by 2010
- **Achievements of FP6**



# Implementation

## through:

### ❑ **Specific programmes implemented through funding schemes, e.g.**

- Collaborative projects
- Networks of excellence
- Coordination and support actions

### ❑ **Work programmes drawn up by the Commission, taking into account:**

- Research activities in Member States, associated countries..
- European added-value
- Impact on competitiveness
- Relevance for other Community policies





# Specific programmes



## 10 THEMES

- Health
- Food, agriculture and fisheries, and biotechnology
- Information and communication technologies
- Nanosciences, nanotechnologies, materials and new production technologies
- Energy
- Environment (including climate change)
- **Transport (including aeronautics)**
- Socio-economic sciences and the humanities
- Space
- Security

## Budget:

- **Overall budget: EUR 50 billion**
- **Budget for Cooperation: EUR 32.413 billion**
- **Transport theme (including aeronautics): EUR 4.16 billion**



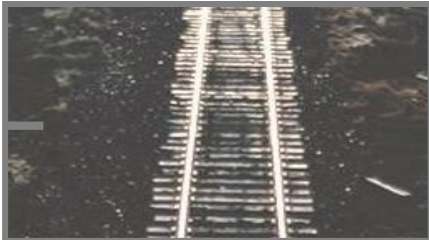
# Transport Theme

## Objective:

Contribute to **European Transport System(s)**

- Develop **greener, smarter** and **safer** Surface Transport System (s)
- Secure the **leading role** of EU transport **industry** in the global market

Rail



Road



Water





# Work Programme Foundations

## Built on:

**Experience** and existing activities, impacts, RTD results, consultation including Member States

- **Policy dimension** (European Research Area, Transport White Paper mid-term review, wide range of EU Policies), Industry support package, Green Car.
- **Strategic, environmental and social dimension**
- **Industrial dimension** input from Technology Platforms
  - ERTRAC
  - ERRAC
  - **WATERBORNE TP**and EIRAC and EURFORUM
- **Flexibility** to cope with emergencies, annual emphasis



## Work Programme structure

- Work Programme organised by **ACTIVITIES**
- Activities are sub-divided in **AREAS**
- Areas are addressed by **TOPICS**
  - Identification of research contents to be addressed by proposals to be submitted in the call.
- Topics are either **Level 1** or **Level 2**
  - According to the degree of specification in the WP
- Topics are in **GROUPS OF TOPICS**



# Work Programme – Activities

- Greening of surface transport (products and operations)**

(Reduction of CO<sub>2</sub>, bio-fuels, reduction of exhaust and emissions, hydrogen/fuel cells, noise/vibration, at least neutral impact on climate change)

- Encouraging modal shift**

- Ensuring sustainable urban mobility**

- Improving safety and security**

- Strengthening competitiveness**

(Reduction of development lead time, construction/maintenance costs, increased employment levels, high-tech SMEs, global competitiveness of Europe, at least neutral impact on climate change)

- Cross-cutting activities**

(Support programme implementation, Structure European Research, SST ERA, support emerging or existing policies, etc.)



# FP7 – Research in the waterborne sector

## 1st call (2007):

**Greening: Electric ship technology, Clean and energy efficient marine diesel power trains, End-of-life strategies for vehicle/vessels, Eco-ship, ..**

## 2nd call (2008):

**Greening: New ship propulsion systems, preventive and emergency intervention to protect marine, coastal and land environments**

**Competitiveness: The competitive ship, ...**

## 3rd call (2010):

**Eco-innovations in shipbuilding and waterborne transportation**

## 4th call (2011):

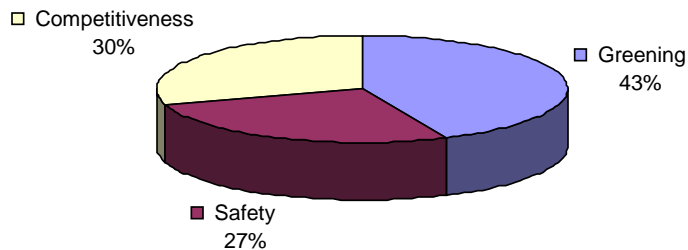
**Eco-innovations in shipbuilding and waterborne transportation**





# FP7 – Research in the waterborne sector 2007-2011

EU Contribution (calls 1 to 4)



	Total costs	EU Contribution
<b>Greening</b>	133.197.257,00 €	59.016.104,00 €
<b>Safety</b>	52.642.838,00 €	36.860.960,00 €
<b>Competitiveness</b>	61.220.842,00 €	40.492.639,00 €
<b>Total</b>	<b>247.060.937,00 €</b>	<b>136.369.703,00 €</b>

NB: These figures are estimates. Totals also include grant agreements under negotiation



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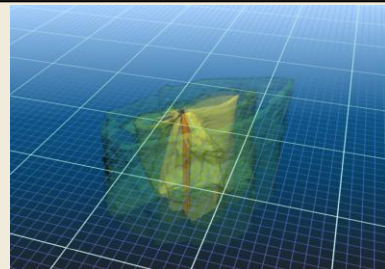
Community research

# FP7 – 5th Call

## Group of Topics N°2:

### Ensuring safe, green and competitive Waterborne Transportation:

- **Greening:** 2 topics
  - **Encouraging modal shift:** 1 topic
  - **Safety:** 2 topics
  - **Competitiveness:** 2 topics
- **INDICATIVE BUDGET:** EUR 24.00 million
- **DEADLINE FOR SUBMISSION:** 1 December 2011 at 17.00.00 (Brussels local time)





# SST.2012.1.1-1. Assessment and mitigation of noise impacts of the maritime transport on the marine environment

Coordinated topic within the framework of the 'Ocean of Tomorrow'  
Level 2 – CP-FP (EU Funding: Max. EUR 3.000.000)

## • Content and scope:

Research will focus on an accurate description of cavitation noise and on mitigation measures to reduce noise (constraint: maintain fuel efficiency of ships)

- Development of radiated sound prediction tools;
- Development of cost-effective measurement tools/techniques for selective detection of cavitation effects on noise signature;
- Development of tools for the prediction of the « noise footprint » of commercial ships (including cruise ships), linking underwater noise characteristics to AIS (Automatic Identification Systems);
- Development of mitigation measures to reduce the noise footprint of ships without reducing the fuel efficiency of ships;
- Development of design guidelines and tools for the development phase.

## • Expected impact:

The work will aim at supporting the requirements of [Directive 2008/56/EC](#) (Marine Strategy Framework Directive) and related Decision on criteria for [Good Environmental Status](#), in particular with regard to Descriptor 11 (assessment, monitoring and mapping of underwater noise linked to maritime transport). Innovative exploitable technologies and processes will be proposed as mitigation measures and take into account the relevant noise characteristics for the marine environment, having regard for measures under article 13 of the MSFD.

## • Background information to be found on

[http://ec.europa.eu/environment/water/marine/directive\\_en.htm](http://ec.europa.eu/environment/water/marine/directive_en.htm)



## **SST.2012.1.1-2. Support to the development of joint programming in marine and maritime research to address cross-cutting sea-related challenges**

**Support Action within the framework of the 'Ocean of Tomorrow'**

**Level 2 – CSA-SA (EU Funding: Max. EUR 2.000.000)**

- **Content and scope:**

The JPI that would address the healthy and productive seas and oceans would seek to support the sustainable development of the maritime economy with cross-cutting research related to marine resources and maritime activities (including transport), as well as the environmental status of the seas and climate change impact.

- Adoption of effective and efficient methods of collaboration, such as those proposed in the context of the 2010 version of the European-level voluntary guidelines on Framework Conditions, as adopted by the GPC on 11 November 2010;
- Facilitation of the establishment of the management structure and procedures;
- The development of the Strategic Research Agenda based on a mapping and analysis of the state-of-the-art in this field (including important existing initiatives such as BONUS, SEASERA, MARIFISH, MARTEC and other marine related ERANETs), as well as possible preliminary implementation actions.

- **Expected impact:**

- Establishment of effective governing structures for JPI on healthy and productive seas and oceans.
- Development of a coherent strategic research and innovation agenda for JPI on healthy and productive seas and oceans, taking into account EU 2020 objectives.
- Better governance of EU marine and maritime research in support of the European maritime economy and related policies.

- **Background information to be found on**

[http://ec.europa.eu/research/era/areas/programming/joint\\_programming\\_en.htm](http://ec.europa.eu/research/era/areas/programming/joint_programming_en.htm)



## **SST.2012.2.2-1. Innovative fleet for efficient logistics chain**

**Level 1 – CP-FP (EU Funding: Max. EUR 3.000.000)**

- **Content and scope:**

Research will focus on new eco-friendly ship concepts – including tug-barge systems, allowing for efficient cargo handling and on infrastructure.

- Development and validation of novel ship types (low fuel consumption, low emissions, durable and easy to maintain hull structure, shallow waters, etc.)
- Development of novel cargo ship and/or ferry concepts based on modularisation and standardisation of components. Development of ship cargo variants to address different geographic areas (e.g. Rhine, Danube)
- Development of new integrated, safe and reliable energy systems for propulsion and auxiliary services. Innovative integral management concepts and alternative energy sources and fuels will be considered for low fuel usage and low emissions
- Investigation of the possibilities for modernisation of waterways with respect to the hydrodynamics of the shipping while preserving the natural environment and landscape and to the existing infrastructure, including the exploitation of intelligent transport services
- Development of new river port infrastructure concepts adapted to novel ship types and multimodal activities, in particular for the Danube region.

- **Implementation:**

Business plan and/or financial plans for bringing new vessels type to the market or upgrading or building infrastructure should be an integral part of the proposal. Will be considered as an asset: participation of SMEs, articulation of the project to existing initiatives supported by structural funds in the Danube region or other initiatives.

- **Expected impact:**

The work will constitute a step change in technology compared with existing solutions and support the full integration of the EU waterborne transport into the EU transport and logistics chain.

- **Background information to be found on [http://ec.europa.eu/transport/inland/index\\_en.htm](http://ec.europa.eu/transport/inland/index_en.htm)**



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## **SST.2012.4.1-1. Human element factors in shipping safety**

**Level 1 – CP-FP (EU Funding: Max. EUR 3.000.000)**

- **Content and scope:**

- Multi-disciplinary, human centred design optimisation
- Goal setting approaches for future application of complex human-centred systems
- Significance of management options and organisational factors
- Novel concepts for integrating human performance and physical capabilities with advanced technical means in risk-based inspection approaches
- Operation, maintenance and intelligent evacuation concepts

- **Implementation:**

The consortium will take appropriate measures to ensure that methodologies and technologies developed in other transport or industrial sectors are taken into account. Cooperation with other sectors should be envisaged. Pre-normative activities should be included in the proposal.

- **Expected impact:**

Improvement of safety of the maritime transport through new systems and concepts.

- **Background information to be found on**

<http://www.imo.org/OurWork/HumanElement/VisionPrinciplesGoals/Pages/Default.aspx>



## **SST.2012.4.1-2. Safety of ships in Arctic conditions**

### **Level 2 – CSA-CA**

- **Content and scope:**

- Identification of gaps regarding safety measures (construction, equipment, operations);
- Comparative analysis of the various ice-strengthening class capabilities and strengths, in view of standards coordination;
- Development of long-distance fleet management for reliable, safe and sustainable navigation through Arctic waters;
- Development of uniform training standards for ice navigation, in view of the development of training standards;
- Analysis of the salvage capacities and future needs;
- Analysis of preparedness and response capacities to avoid accidents and oil spills;
- Analysis of communication infrastructures in the Arctic and weather, sea-ice and wave forecast and information to sailors, including the use of Galileo and/or other innovative search and rescue services.

- **Implementation:**

Consortia are encouraged to include participants from the Arctic States concerned, including Canada, USA and Russia as well as Classification societies.

- **Expected impact:**

The action will contribute to the implementation and assessment of the Polar Code and of Arctic navigation and to the development of international best practices.

- **Background information to be found on**

<http://www.imo.org/ourwork/safety/safetytopics/pages/polarshippingsafety.aspx>



## **SST.2012.5.2-3. Innovative structural and outfitting materials for ships**

**Level 1 – CP-FP (EU Funding: Max. EUR 3.000.000)**

- **Content and scope:**

- Development of new cost-effective lightweight materials, including the assessment of safety performance
- Development of new steel material
- Development of new coating materials, including nanotechnology for marine applications, to reduce costs in new building, maintenance and repair
- Development of combination techniques for dissimilar materials in ship structures and super-structures, taking into account recycling and disposal
- Development of innovative processes that maximise material capabilities while minimising costs
- Assessment of long-term degradation of new materials and joints under various loading conditions

- **Implementation:**

Inclusion of SMEs and at least one Classification Society is considered vital and will be assessed under the 'implementation' criterion. A business plan in view of market take-up will be provided. Research must build and go beyond the large body of research already undertaken in this area.

- **Expected impact:**

Research will contribute to the competitiveness of the shipbuilding industries, in particular of SMEs. New materials will contribute to a significant reduction of operation costs and life-cycle costs.

- **Background information to be found on**  
[http://ec.europa.eu/research/industrial\\_technologies/materials-research-in-the-fp\\_en.html](http://ec.europa.eu/research/industrial_technologies/materials-research-in-the-fp_en.html)



## **SST.2012.5.2-5. E-guided vessels: the 'autonomous' ship**

**Level 2 – CP-FP (EU Funding: Max. EUR 3.000.000)**

- **Content and scope:**

- Development of e-maritime applications for autonomous operations, including integration with improved safe wireless ship-shore communication links.
- The evaluation of the feasibility and reliability of combined use of shore/satellite communication in view of autonomous operations.
- The development of concepts, methods and means for autonomous optimisation of the ship's performance and operations (e.g. energy consumption, environmental issues, near land and port operation and manoeuvring).
- The design of new ship functions systems for increased autonomy (for system and functions necessary for monitoring, data collection, data transfer and onboard system maintenance). Safety and legal issues will be considered.
- The development and validation of cost-effective concepts for predictive maintenance approaches.
- The development and validation of concepts and systems for autonomous vessels in navigation channels aimed for short-sea shipping.
- The assessment of the proposed products and services, in legal (liability), safety and economic terms.

- **Implementation:**

Proposals should include a convincing implementation plan. Pre-normative research should be included. New solutions to increase ship autonomy should consider the legal implementation of such solutions, in particular the liability aspects.

- **Expected impact:**

The development of new solutions will improve the competitiveness of operations. Project results are expected also to contribute to energy saving and reduction of emissions.

- **Background information to be found on [http://ec.europa.eu/transport/maritime/e-maritime\\_en.htm](http://ec.europa.eu/transport/maritime/e-maritime_en.htm)**



# Where to find information?

## On PARTICIPANT PORTAL:

[http:// ec.europa.eu/research/participants/portal/page/home](http://ec.europa.eu/research/participants/portal/page/home)

The screenshot shows the Participant Portal website. At the top, there is a blue header with the European Commission logo and the text "Participant Portal Research & Innovation - Participants". Below the header, there is a navigation bar with tabs for "Home", "My Organisations", "FP7 Calls", and "Support". A red arrow points to the "FP7 Calls" tab. The main content area is divided into several sections: "LOGIN" with a "Login" button and a link to "Authentication and security help"; "NEED HELP?" with links to "See the online user manual", "You can consult FAQs", and "Watch the demonstration of the Participant Portal: - Introduction"; "WHAT'S NEW" with a section for "Participant Portal V3.1.1 (07/2011)"; "WELCOME" with a "Welcome to the Participant Portal" message and a description of the portal's purpose; "What does it offer today?" with a list of services; "Forthcoming functionalities" with a list of upcoming features; and "How does it work?" with a "Are you a new user?" button.

Participant Portal  
Research & Innovation - Participants

European Commission > Research & Innovation > Participant Portal

Home My Organisations **FP7 Calls** Support

**LOGIN**

Login

Authentication and security help is available [here](#).

**NEED HELP?**

- See the [online user manual](#)
- You can consult [FAQS](#)
- Watch the demonstration of the Participant Portal: - [Introduction](#)
- If you cannot find an answer there, then submit your question via the [eFP7 service desk](#)

[read more](#)

**WHAT'S NEW**

Participant Portal V3.1.1 (07/2011)

- The Participant Portal has become the European Commission's single authoritative website for the **publication of FP7 calls**. The FP7 call-related information is no longer published

**WELCOME**

**Welcome to the Participant Portal**

The Participant Portal is your entry point for electronic administration of EU-funded research and innovation projects, and hosts the services for managing your proposals and projects throughout their lifecycle. Currently the portal covers mainly actions under the 7th EU-Framework Programme for Research and Technological Development (FP7). In the future, its coverage will be extended to other programmes in the area of research and innovation.

**What does it offer today?**

- You can search for **FP7 calls for proposals and submit your proposals**.
- Depending on your role in projects and organisation, you can view information on projects, negotiate your grant agreement, manage amendments, submit **financial and scientific reports or review projects**.
- You can search for the unique identifier of your organisation, **register your organisation or provide updates of your organisation's data**.
- Depending on your roles in projects and organisations, you can **assign or revoke access rights to organisation and project data for other persons**.

**Forthcoming functionalities**

- Expert evaluators will be able to manage the administrative details related to their work as peer reviewers.
- The currently separate electronic proposal submission system will be replaced by a new system integrated in the portal.
- Direct access to FP7 related information and documentation.

**How does it work?**

[Are you a new user? +](#)



# Which information?

Home My Organisations FP7 Calls Support

Latest Info Cooperation Ideas People Capacities Location Search Calls

BROWSECALLS

Open Closed Forthcoming

**FP7- SUSTAINABLE SURFACE TRANSPORT (SST)-2012-RTD-1 including European Green Cars Initiative**

Return to calls

Identifier: FP7-SST-2012-RTD-1  
 Publication Date: 20 July 2011  
 Budget: € 114 040 000  
 Deadline: 01 December 2011 at 17:00:00 (Brussels local time)  
 OJ Reference: OJ C213 of 20 July 2011  
 Cut-Off Date(s):  
 - 01 December 2011 at 17:00:00 (Brussels local time)

Specific Programme(s): COOPERATION  
 Theme(s): Transport (including Aeronautics)

Latest information on Call  
 20-07-2011  
 EPSS is now available for this call for proposals

Information Package [Download documents required for the preparation of your proposal](#)

In order to receive a complete Information Package for this call, you will need to select the following elements:

1. The call fiche (only available in .pdf format)
2. The work programme (.pdf format)
3. FP7 factsheets in your preferred language - an overview of the basic features of this programme (.pdf format)



## GUIDE FOR APPLICANTS

### Common part

### COLLABORATIVE PROJECT

This part of the guide is common to all calls using the above funding home. It should be read in conjunction with the call-specific annexes, published as a separate document.

Other copies of this Guide, together with all information related to this call for

**Guide for applicants (NB: Documents are different for CP and CSA)**

## Call Fiche

Call title: FP7- SUSTAINABLE SURFACE TRANSPORT (SST)-2012-RTD-1 (including the 'European Green Cars Initiative')

- Call identifier: FP7-SST-2012-RTD-1
  - Date of publication: 20 July 2011
  - Deadline: 1 December 2011 at 17:00:00 (Brussels local time)
  - Indicative budget: EUR 114 040 million
- The indicative distribution of the call budget is as follows:
- EUR 24 00 million for Group of topics (GT) N° 1: Increasing railway capacity;
  - EUR 24 00 million for Group of topics (GT) N° 2: Easing safety, green and competitive waterborne transport;
  - EUR 37 04 million for Group of topics (GT) N° 3: Implementing research for the 'European Green Car Initiative';
  - EUR 27 00 million for Group of topics (GT) N° 4: Activities and research areas of cross-cutting character. They include: promoting sustainable urban mobility, improving surface transport through ITS, and safety and security;
  - EUR 2 00 million for topic SST.2012.1.1-2: Support to the development of joint programming in marine and maritime research to address cross-cutting sea-related challenges (Support Action within the framework of the 'Ocean of Tomorrow').

The budget for this call is indicative. The final budget awarded to actions implemented through calls for proposals may vary:

- The final budget of the call may vary by up to 10% of the total value of the indicated budget for each call; and
- Any reparation of the call budget may also vary by up to 10% of the total value of the indicated budget for the call.

In case the budget of one or more topic groups could not be consumed (totally or partially), the remaining budget shall be transferred to the other topic groups in accordance with the option of the evaluation review panel.

### Topics called:

CHALLENGE / ACTIVITY / AREA / Topics	GT N°	Funding Schemes & eligibility criteria
CHALLENGE 1. ECO-INNOVATION		
ACTIVITY 7.2.1. THE GREENING OF SURFACE TRANSPORT		
AREA 7.2.1.1. THE GREENING OF PRODUCTS AND OPERATIONS		
SST.2012.1.1-4: Assessment and mitigation of noise impacts	2	CP/FP

## Work Programme

The Participant Portal has become the European Commission's single authoritative website for the publication of FP7 calls. The FP7 call-related information is no longer published onCORDIS. Users of the 'Find a call' section on CORDIS are redirected to the relevant pages of the 'FP7 Calls' section of the Participant Portal.

Additional services such as RSS feeds, deep linking and e-mail notifications are also provided and users are requested to sign up for these services on the Participant Portal.

QUICK LINKS

- Research website
- FP7 homepage
- CORDIS website

All files have been treated uniformly and compressed to facilitate the access to the individual documents and to optimise the speed of transfer. To access the files, you will need a file compression utility capable of opening the '.zip' format.

select all | clear

- call fiche [English](#)
- guide for applicants-SA annexes [English](#)
- guide for applicants-SA common [English](#)
- guide for applicants-CA annexes [English](#)
- guide for applicants-CA common [English](#)
- guide for applicants-CP annexes [English](#)
- guide for applicants-CP common [English](#)
- FP7 factsheets [English](#)
- Cooperation Work Programme 2012 - General Introduction [English](#)
- Cooperation Work Programme 2012 - General Annexes [English](#)
- Work Programme 2012 - Transport (including Aeronautics) [English](#)

Additional Documents [Useful documents on the call and on FP7 in general](#)

Choose which documents you would like to download. You can select all documents in the Additional Documents at the top of this section.

7. TRANSPORT (INCLUDING AERONAUTICS)

- Objectives
- 1.0. CONTEXT
  - 1.0.1. Policy context: Europe 2020 and Innovation Union
  - 1.0.2. Approach for 2012
  - 1.0.3. Innovation dimension of the activities
  - 1.0.4. International cooperation
  - 1.0.5. Cross-thematic approaches
  - 1.0.6. Societal aspects
- 7.1. AERONAUTICS AND AIR TRANSPORT
  - 1.1. CONTEXT
    - 1.1.1. Specific approach for Aeronautics and Air Transport
      - 1.1.2. Introducing Level 0 (open call)
      - 1.1.3. Coordinated call with Japan
      - 1.1.4. Biofuels for aviation
      - 1.1.5. 'Clean Sky' Joint Technology Initiative
      - 1.1.6. SESAR - Single European

WORK PROGRAMME 2012

COOPERATION

THEME 7

TRANSPORT (INCLUDING AERONAUTICS)



# Where to find additional information?

**On CORDIS:**  
[http:// cordis.europa.eu](http://cordis.europa.eu)

European Commission  
**CORDIS**

European Commission > CORDIS > FP7

Home | News | Funding | Results | Themes | Go local | Look it up | Interact | Help

Seventh Framework Programme (FP7) Search all CORDIS Maps | Advanced Search

About | What's New? | Sitemap  
Quick Links

Find a document

Search FP7 library

FP7 legal basis | Legal documents for implementation | All Current Work Programmes | Guidance documents | Ethics Review | Other documents

**FP7 legal basis:**

- FP7-EG [HTML]
- FP7 Euratom [HTML]
- SP Cooperation [HTML]
- SP Ideas [HTML]
- SP People [HTML]
- SP Capacities [HTML]
- SP Nuclear Research [HTML]
- EC Rules for participation [HTML]
- Euratom Rules for participation [HTML]

**Legal documents for implementation:**

- Rules for submission of proposals and the related evaluation, selection and award procedures [PDF] [FR] [DE] Version: 2008-02-13
- ERC Rules for submission, evaluation, selection, award [PDF]
- Standard model grant agreement [HTML]
- ERC model grant agreement [HTML]
- Marie Curie model grant agreement [HTML]
- Rules on verification of existence, legal status, operational and financial capacity [PDF] [FR] [DE]
- Financial Viability Check tool v3 [XLS]

**All Current Work Programmes:**

- 2010 Work Programmes [HTML]
- 2009 Work Programmes [HTML]
- 2008 Work Programmes [HTML]
- 2007 Work Programmes [HTML]

**Guidance documents:**

- Practical Guide to EU funding opportunities for Research and Innovation [PDF]
- Flat rates substantiate [PDF]
- Wiki on FP7 Periodic Report and NEF (Forms C on-line tool for Information Society and Media DG projects) [HTML]
- Presentation of FORCE (Forms C on-line tool for Research DG projects) [PDF]
- Amendments Guide for FP7 Grant Agreements [PDF] Version: 2008-05-05
- Guidance notes for beneficiaries and auditors on certificates issued by external auditors [PDF] Version: 2009-09-03
- Guide for beneficiaries [PDF] Version: 2008-03-11
- Guide to Financial Issues [PDF] Version 2: 2009-04-02
- Guide to JER [PDF] Version 2: 2009-02-13 (the main changes to the first version appear in blue)
- Checklist for the Consortium Agreement [PDF] Version: 2007-06-28
- Checklist for a Coordination Agreement for Coordinated Calls (Option 2) [PDF]
- Negotiation Guidance Notes [PDF] Version: 2009-01-27  
- Presentation of the NEF service (Negotiation Facility) [PDF]

## Relevant documents:

- Rules for submission of proposals and the related evaluation, selection and award procedures

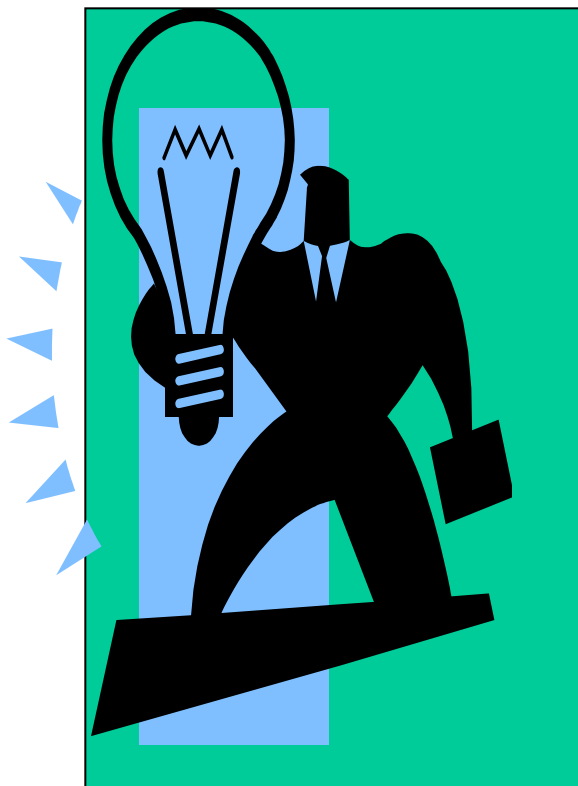
- Standard model grant agreement

- Guide to financial issues

- Etc.



## Tips!



- **DO NOT SUBMIT AT THE LAST MINUTE!**
- **RESPECT THE ELIGIBILITY CONDITIONS!**
- **PAY ATTENTION TO EVERY WORD OF THE WORK PROGRAMME!**
- **PAY ATTENTION TO INSTRUCTIONS (See Guide for Applicants)**
- **REMEMBER TO KEEP PAGE LIMITS!**
- **DESCRIBE YOUR IDEAS CLEARLY!**



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# Transport in the next Common Strategic Framework for Research and Innovation





# TRANSPORT IN 'HORIZON 2020'

## 3 pillars:

- societal challenges
- Competitiveness
- science base

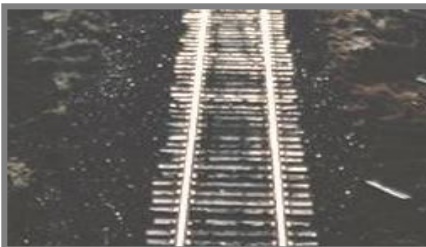
Water



Road



Rail



**Transport** = one of the major societal challenges:

- Health
- Food security and bio-based economy
- Secure, clean and efficient energy
- **Smart, green and integrated transport**
- Resource efficiency and climate
- Inclusive, innovative and secure societies



# THE POLICY CONTEXT

- **Europe 2020: Smart, Sustainable and Inclusive Growth**
  - Innovation Union
  - Resource efficient Europe
  - An industrial policy for the globalisation era
  - A digital agenda for Europe
  
- **Green Paper: Towards a Common Strategic Framework for EU Research and Innovation funding**
  
- **Transport White Paper: Towards a single European transport area**





# MAIN FEATURES

<b>THE HORIZON:</b>	<b>7 years (2014-2020) and beyond</b>
<b>THE BUDGET:</b>	<b>tbd (probably more than in FP7)</b>
<b>THE LOGIC:</b>	<b>a holistic approach; that is focused on the societal challenges; but takes into account the imperatives of competitiveness; and recognises modal specificities</b>
<b>IMPLEMENTATION:</b>	<b>continued stakeholder engagement: maintaining and possibly extending JTIs and PPPs</b>
<b>FUNDING SCHEMES:</b>	<b>fewer, more flexible and user-friendly covering research and innovation</b>



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# European Transport Research Conference

## Athens 23-26 April, 2012





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# Transport Research Arena.Europe 2012

## Athens 23-26 April, 2012

- **Scope:** European Transport Research Conference on all surface transport modes (road, rail, waterborne) and cross-modal aspects (inc. intermodal freight transport, urban transport and ITS).
- **Organisers:**
  - European Commission: DG RTD, INFSO and MOVE,
  - CEDR
  - ETPs: ERTRAC, ERRAC, WATERBORNE TP
- **Sessions:** Plenary, Strategic, Technical, Poster and Special Sessions
- **Exhibition:** EC stand with key FP6/FP7 projects
- **YEAR:** Young European researchers competition



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# Transport Research Arena.Europe 2012

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### List of Topics

- Pillar I: Governance of transport system
- Pillar II: Transport, mobility and infrastructure
- Pillar III: Safety and security
- Pillar IV: Energy, environment and resources
- Pillar V: Design and production (vehicles, vessels and infrastructure)
- Pillar VI: Complementaries of transport modes

**More information on [www.traconference.eu](http://www.traconference.eu)**



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# TRA 2012

## Important dates



- **15 May 2011:** Submission of abstracts
- **15 June 2011:** Decision on abstracts/Invitation to prepare paper
- **15 September 2011:** Submission of full papers
- **20 November 2011:** Decision of full papers
- **15 January 2012:** Submission of final papers

**More information on [www.traconference.eu](http://www.traconference.eu)**

**Contact EC: [patrick.mercier-handisyde@ec.europa.eu](mailto:patrick.mercier-handisyde@ec.europa.eu)**



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# Thank you for your attention

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