

Call title: FP7- SUSTAINABLE SURFACE TRANSPORT (SST)-2013-RTD-1
(including the ‘European Green Cars Initiative’)

- **Call identifier: FP7-SST-2013-RTD-1**
- **Date of publication:** 10 July 2012
- **Deadline¹:** 14 November 2012 at 17.00.00 (Brussels local time)
- **Indicative budget²:** EUR 110.95 million

The indicative distribution of the call budget is as follows:

- EUR 23.00 million for Group of topics (GT) N° 1: Increasing railway capacity.
- EUR 17.00 million for Group of topics (GT) N° 2: Ensuring safe, green and competitive waterborne transport.
- EUR 38.95 million for Group of topics (GT) N° 3: Implementing research for the ‘European Green Car Initiative’.
- EUR 20.40 million for Group of topics (GT) N° 4: It includes sustainable urban mobility, improving surface transport through ITS, infrastructures, safety and security.
- EUR 7.20 million for topic SST.2013.6-1: Strengthening the research and innovation strategies of the transport industries in Europe.
- EUR 0.40 million for topic SST.2013.6-3: Organisation of Transport Research Awards for the Transport Research Arena (TRA) conference.
- EUR 3.00 million for topic TPT.2013-1: Technology transfer in the area of Transport.
- EUR 0.50 million for topic TPT.2013-2: Mapping regional capacities in transport research and innovation.
- EUR 0.50 million for topic: TPT.2013-3: Ex-post evaluation of the Transport (including AAT) theme of the FP7 ‘Cooperation’ specific programme.

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 repartition 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 sub-divisions could not be consumed (totally or partially), the remaining budget shall be transferred to the other sub-divisions in accordance with the opinion of the evaluation review panel.

¹ The Director-General responsible may delay this deadline by up to two months.

² Under the condition that the draft budget for 2013 is adopted without modifications by the budget authority.

- **Topics called:**

CHALLENGE / ACTIVITY / Topics	G T N°	Funding Schemes &eligibility criteria
CHALLENGE 1. ECO-INNOVATION		
ACTIVITY 7.2.1. THE GREENING OF SURFACE TRANSPORT		
SST.2013.1-1. Railway infrastructure optimisation and monitoring for further noise reduction	1	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
SST.2013.1-2. Towards the zero emission ship. <i>Up to 1 project is expected to be funded</i>	2	CP <i>The requested EU contribution shall not exceed EUR 9 000 000</i>
CHALLENGE 2. SAFE AND SEAMLESS MOBILITY		
ACTIVITY 7.2.2. ENCOURAGING MODAL SHIFT AND DECONGESTING TRANSPORT CORRIDORS		
SST.2013.2-1. Next generation of train control systems in the domain of urban and main line European railway systems. <i>Up to 1 project is expected to be funded.</i>	1	CP <i>The requested EU contribution shall not exceed EUR 7 000 000</i>
SST.2013.2-2. New concepts for railway infrastructure and operation: adaptable, automated, resilient and high-capacity. <i>Up to 1 project is expected to be funded.</i>	1	CP <i>The requested EU contribution shall not exceed EUR 10 000 000</i>
ACTIVITY 7.2.3. ENSURING SUSTAINABLE URBAN MOBILITY		
SST.2013.3-1. Managing integrated multimodal urban transport network. <i>Up to 1 project is expected to be funded.</i>	4	CP <i>The requested EU contribution shall not exceed EUR 9 000 000</i>
SST.2013.3-2. Implementing innovative and green urban transport solutions in Europe and beyond	4	CSA-CA <i>The requested EU contribution shall not exceed EUR 2 000 000</i>
ACTIVITY 7.2.4. IMPROVING SAFETY AND SECURITY		
SST.2013.4-1. Ships in operation.	2	CP

<i>Up to 1 project is expected to be funded.</i>		<i>The requested EU contribution shall not exceed EUR 5 000 000</i>
SST.2013.4-3. Biomechanics and advanced digital human body models and testing for vehicle safety	4	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
CHALLENGE 3. COMPETITIVENESS THROUGH INNOVATION		
ACTIVITY 7.2.5. STRENGTHENING COMPETITIVENESS		
SST.2013.5-1. Technical requirements for the certification of new materials for railway rolling stock	1	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
SST.2013.5-2. Low cost flexible automation and mechanisation in small to medium shipyards	2	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
SST.2013.5-3. Innovative, cost-effective construction and maintenance for safer, greener and climate resilient roads	4	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
CROSS-CUTTING ACTIVITIES FOR IMPLEMENTING THE SUB-THEME PROGRAMME		
SST.2013.6-1. Strengthening the research and innovation strategies of the transport industries in Europe. <i>Up to 1 project per surface transport mode is expected to be funded (see topic description).</i>		CSA-SA
SST.2013.6-3. Organisation of Transport Research Awards for the Transport Research Arena (TRA) conference <i>Up to 1 project is expected to be funded.</i>		CSA-SA <i>The requested EU contribution shall not exceed EUR 400 000</i>
THE 'EUROPEAN GREEN CARS INITIATIVE'		
GC.SST.2013-1. Feasibility analysis and technological development of on-road charging for long term electric vehicle range extension. <i>Up to 1 project is expected to be funded.</i>	3	CP <i>The requested EU contribution shall not exceed EUR 10 000 000</i>

GC.SST.2013-2. Next generation electric motors	3	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
GC.SST.2013-3. Future light urban electric vehicles	3	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
GC.SST.2013-5. Configurable and adaptable truck. <i>Up to 1 project is expected to be funded.</i>	3	CP <i>The requested EU contribution shall not exceed EUR 8 000 000</i>
GC.SST.2013-6. High efficiency energy conversion for future heavy duty transport	3	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
GC.SST.2013-7. Technical and operational connectivity in intermodal freight transport	3	CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
HORIZONTAL ACTIVITIES FOR IMPLEMENTING THE TRANSPORT PROGRAMME		
TPT.2013-1. Technology transfer in the area of Transport		CP-FP <i>The requested EU contribution shall not exceed EUR 3 000 000</i>
TPT.2013-2. Mapping regional capacities in transport research and innovation. <i>Up to 1 project is expected to be funded.</i>		CSA-SA <i>The requested EU contribution shall not exceed EUR 500 000</i>
TPT.2013-3. Ex-post evaluation of the Transport (including AAT) theme of the FP7 'Cooperation' specific programme. <i>Up to 1 project is expected to be funded.</i>		CSA-SA <i>The requested EU contribution shall not exceed EUR 500 000. The duration of the support action shall not exceed 12 months.</i>

- **Eligibility conditions:**

- The general eligibility criteria are set out in Annex 2 to this work programme, and in the guide for applicants. Please note that the completeness criterion also includes that part B of the proposal shall be readable, accessible and printable.
- Table of standard minimum number of participating legal entities for all funding schemes used in the call, in line with the Rules for Participation:

Funding scheme	Minimum conditions
Collaborative Projects (CP) Collaborative Projects - large scale integrating projects (CP-IP) Collaborative Projects - small or medium-scale focused research projects (CP-FP)	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and Support Actions aiming at coordinating research activities (CSA-CA)	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and Support Actions aiming at supporting research activities (CSA-SA)	At least 1 independent legal entity.

- Only information provided in part A of the proposal will be used to determine whether the proposal is eligible with respect to budget thresholds and/or minimum number of eligible participants.

- **Evaluation procedure:**

- The evaluation criteria and scoring scheme are set out in Annex 2 to the work programme.
- Proposal page limits: Applicants must ensure that proposals conform to the page limits and layout given in the Guide for Applicants, and in the proposal part B template available through the electronic Submission Services of the Commission.
- The Commission will instruct the experts to disregard any pages exceeding these limits.
- The minimum font size allowed is 11 points. The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).
- The evaluation shall follow a single stage procedure.
- Proposals may be evaluated remotely
- The procedure for prioritising proposals with equal scores is described in Annex 2 to the work programme.
- No hearings are foreseen.
- The evaluation will produce the following ranked lists of proposals retained for funding with the corresponding reserve lists:
 - Group of topics N° 1
 - Group of topics N° 2

- Group of topics N° 3
- Group of topics N° 4
- Topic SST.2013.6-1
- Topic SST.2013.6-3
- Topic TPT.2013-1
- Topic TPT.2013-2
- Topic TPT.2013-3

- **Indicative timetable:**

- Intended period for evaluation and panel meetings: January to March 2013
- Intended start date of grant agreement negotiations: April 2013

- **Consortia agreements:** participants in Collaborative Projects are required to conclude a consortium agreement; participants in Coordination and Support Actions are encouraged, but not required, to conclude a consortium agreement.

- **The forms of grants and maximum reimbursement rates** which will be offered are specified in Annex 3 to the Cooperation work programme.

- **Flat rates to cover subsistence costs:** In accordance with Annex 3 of this work programme, this call provides for the possibility to use flat rates to cover subsistence costs incurred by beneficiaries during travel carried out within grants for indirect actions. For further information, see the relevant Guides for Applicants for this call. The applicable flat rates are available on the Participant Portal at:

http://ec.europa.eu/research/participants/portal/page/fp7_documents

under 'Guidance documents for FP7/Financial issues/Flat rates for daily allowances'.