

Sustainable Surface Transport (SST)

Indicative Topics for Call to be published in July 2010

Topic	Level	Funding Scheme
ACTIVITY 7. 2. 1. The greening of surface transport		
SST.2011.1.1-1. Green retrofitting through optimisation of hull-propulsion interaction	1	Collaborative Projects small or medium-scale focused research
SST.2011.1.1-2. Retrofitting of existing ships with green technologies	1	Collaborative Projects small or medium-scale focused research
SST.2011.1.1-3. Towards zero emission marine engines	2	Collaborative Project large scale integrating projects
SST.2011.1.1-4. Energy consumption reduction in urban rail systems	2	Collaborative Project large scale integrating projects
ACTIVITY 7. 2. 2. Encouraging Modal Shift and Decongesting Transport Corridors		
SST.2011.2.1-1. Efficient interfaces between transport modes	2	Collaborative Projects small or medium-scale focused research
SST.2011.2.5-1. Rail system interoperability (regulatory and non-legislative interoperability based on technological innovations)	1	Collaborative Projects small or medium-scale focused research
ACTIVITY 7. 2. 3. Ensuring Sustainable Urban Transport		
SST.2011.3.4-1. Design, implement and test innovative strategies for sustainable urban transport (CIVITAS PLUS II)		Collaborative Project large scale integrating projects
SST.2011.3.4-2. Support action for coordination, dissemination and evaluation, CIVITAS PLUS		Coordination and Support Action Aiming at Coordinating Research Activities

ACTIVITY 7. 2. 4. Improving Safety and Security		
SST.2011.4.1-1. Design of vehicle safety systems for a better protection of vulnerable road users and other under-protected and less safe user groups	1	Collaborative Projects small or medium-scale focused research
SST.2011.4.1-2. Mitigation measures and good practice to reduce human fatalities and disruption of services resulting from suicides and trespasses on railways property	2	Collaborative Projects small or medium-scale focused research
SST.2011.4.1-3. Reducing the occurrences and impacts of freight train derailments	2	Collaborative Projects small or medium-scale focused research
ACTIVITY 7. 2. 5. Strengthening Competitiveness		
SST.2011.5.2-1. Strengthening the European maritime transport sector competitiveness	1	Coordination and Support Actions aiming at coordinating research activities
SST.2011.5.2-2. Advanced and cost effective road infrastructure construction, management and maintenance	1	Collaborative Projects small or medium-scale focused research
SST.2011.5.2-3. Cost-effective modernisation of the inland fleet for freight transport	2	Collaborative Projects small or medium-scale focused research
SST.2011.5.2-4. Exploring and fostering international collaboration in the waterborne transport sector	2	Coordination and Support Action aiming at supporting research activities
SST.2011.5.2-5. A system approach for railway operations management to increase capacity and decrease delays for railway customers' satisfaction	2	Collaborative Project large scale integrating projects
SST.2011.5.2-6. Cost-effective improvement of rail transport infrastructure	2	Collaborative Projects small or medium-scale focused research
ACTIVITY 7. 2. 6. Cross-Cutting Activities for Implementation of the Sub-theme Programme		
SST.2011.6-1. Supporting the organisation of the TRA 2012 conference and other research relevant events	1	Coordination and Support Action aiming at supporting research activities

ACTIVITY 7. 2. 7. The ‘European Green Cars Initiative’		
GC.SST.2011.7-1. Specific safety issues of electric vehicles	1	Collaborative Projects small or medium-scale focused research
GC.SST.2011.7-2. Integrated thermal management	1	Collaborative Projects small or medium-scale focused research
GC.SST.2011.7-3. Efficient long distance transport – future power train concepts (includes: advanced combustion and after-treatment)	1	Collaborative Project large scale integrating projects
GC.SST.2011.7-4. Efficient drivelines for long distance transport - waste heat recovery	1	Collaborative Projects small or medium-scale focused research
GC.SST.2011.7-5. Urban – interurban shipments	1	Collaborative Projects small or medium-scale focused research
GC.SST.2011.7-6. Integrated intermodal traveller services	1	Collaborative Projects (small or medium-scale focused research) for specific cooperation actions (CP-SICA) dedicated to international cooperation partner countries
GC.SST.2011.7-7. Capability of improving and exploiting capacity	1	Coordination and Support Actions aiming at coordinating research activities
GC.SST.2011.7-08. Advanced eco-design and manufacturing processes for batteries and electrical components	1	Collaborative Projects - large-scale integrating projects (Joint Call)
GC.SST.2011.7-9. ERA-Net Plus ‘Electromobility’	1	Coordination and Support Actions aiming at coordinating research activities
GC.SST.2011.7-10. Architectures of Light Duty Vehicles for urban freight transport	2	Collaborative Projects small or medium-scale focused research
GC.SST.2011.7-11. Green corridors and supply chain management	2	Collaborative Projects small or medium-scale focused research