

TEMA 7

TRANSPORTES

WP 2013

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|----------|---------|--------|--------|------------|-------------|----------------|--------|-----------|---------------|---------|-------------|
| 1. Saúde | 2. KBBE | 3. ICT | 4. NMP | 5. Energia | 6. Ambiente | 7. Transportes | 8. SSH | 9. Espaço | 10. Segurança | 11. PME | Data Limite |
|----------|---------|--------|--------|------------|-------------|----------------|--------|-----------|---------------|---------|-------------|

| 7.1. AERONAUTICS AND AIR TRANSPORT | | | | | | | | | | | | |
|---|--|--|--|--|--|--------------------------|---|---|---|---|-------------|----------------------------|
| CHALLENGE 1. ECO-INNOVATION | | | | | | | | | | | | |
| ACTIVITY 7.1.1. THE GREENING OF AIR TRANSPORT | | | | | | Call: FP7-AAT-2013-RTD-1 | | | | | | |
| AAT.2013.1-1. Flight physics | | | | | | X | | X | | | 14 Nov 2012 | |
| AAT.2013.1-2. Aerostructures | | | | | | | X | | X | | 14 Nov 2012 | |
| AAT.2013.1-3. Low pressure system for Ultra High By-Pass Ratio Engine | | | | | | | X | | X | | 14 Nov 2012 | |
| AAT.2013.1-4. Maturation of an integrated set of active flow, load and noise control technologies for the next generation of active wing, including in-flight demonstration | | | | | | | | | | X | 14 Nov 2012 | |
| CHALLENGE 2. SAFE AND SEAMLESS MOBILITY | | | | | | | | | | | | |
| ACTIVITY 7.1.2. INCREASING TIME EFFICIENCY | | | | | | Call: FP7-AAT-2013-RTD-1 | | | | | | |
| AAT.2013.2-1. Airports (USA) | | | | | | | X | | | | 14 Nov 2012 | |
| ACTIVITY 7.1.3. ENSURING CUSTOMER SATISFACTION AND SAFETY | | | | | | | | | | | | |
| AAT.2013.3-1. Human factors (Canada, USA) | | | | | | | | X | | | 14 Nov 2012 | |
| CHALLENGE 3. COMPETITIVENESS THROUGH INNOVATION | | | | | | | | | | | | |
| ACTIVITY 7.1.4. IMPROVING COST EFFICIENCY | | | | | | Call: FP7-AAT-2013-RTD-1 | | | | | | |
| AAT.2013.4-1. Systems and equipment | | | | | | | X | | X | | X | 14 Nov 2012 |
| AAT.2013.4-2. Design systems and tools (USA) | | | | | | | X | X | | X | | 14 Nov 2012 |
| AAT.2013.4-3. Production | | | | | | | | X | | | | 14 Nov 2012 |
| AAT.2013.4-4. Maintenance, repair and disposal | | | | | | | | | X | | | 14 Nov 2012 |
| AAT.2013.4-5. Integrated environment for optimized airline maintenance and operations | | | | | | | X | | | X | | 14 Nov 2012 |
| AAT.2013.4-6. Integrated thermal analysis and design for aircraft | | | | | | | | | X | | X | 14 Nov 2012 |
| AAT.2013.4-7. Large scale demonstration of extended Distributed Modular Electronics | | | | | | | X | | | X | | 14 Nov 2012 |
| AAT.2013.4-8. Seamless aeronautical networking through integration of data links, radios and antennas extended beyond ATM | | | | | | | | | X | | X | 14 Nov 2012 |
| ACTIVITY 7.1.6. PIONEERING THE AIR TRANSPORT OF THE FUTURE | | | | | | | | | | | | |
| AAT.2012.6-1. Breakthrough and emerging technologies | | | | | | | | | | X | X | 04 Out 2012 14 Mar 2013 |
| AAT.2012.6-2. Radical new concepts for air transport | | | | | | | X | | | X | | 04 Out 2012 14 Mar 2013 |
| CROSS-CUTTING ACTIVITIES FOR IMPLEMENTING THE SUB-THEME PROGRAMME | | | | | | | | | | | | |
| AAT.2013.7-1. Coordinating research and innovation in the field of Aeronautics and Air Transport | | | | | | | | | X | | | 14 Nov 2012 |
| AAT.2013.7-2. Coordinating research and innovation in the field of sustainable alternative fuels for Aviation | | | | | | | | | X | | | 14 Nov 2012 |
| AAT.2013.7-3. Communication of EU funded RTD project results to targeted audience | | | | | | | | | X | | | 14 Nov 2012 |
| AAT.2013.7-4. Creating cohesive links and common knowledge between potential partners in EU Framework Programme Collaborative Projects | | | | | | | | | X | | | 14 Nov 2012 |
| AAT.2013.7-5. Conference: support for the organisation of Aerodays | | | | | | | | | X | | | 14 Nov 2012 |
| AAT.2013.7-6. Enhancing coordination and stimulating cooperation in research and innovation among EU Member States and Associated States to the EU Framework Programme | | | | | | | | | X | | | 14 Nov 2012 |
| AAT.2013.7-7. Exploring opportunities and stimulating cooperation in research and innovation with China | | | | | | | | | X | | | 14 Nov 2012 |
| COORDINATED CALLS FOR INTERNATIONAL COOPERATION | | | | | | | | | | | | |
| AAT.2013.8-1. Coordinated call with Russia | | | | | | | X | | | X | | 14 Nov 2012 |
| COORDINATED CALLS FOR INTERNATIONAL COOPERATION | | | | | | | | | | | | |
| AAT.2013.8-2. International cooperation on civil high speed air transport research (Australia, Japan, Russia) | | | | | | | | | X | | X | 29 Mar 2013 |

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| 7.2. SUSTAINABLE SURFACE TRANSPORT (INCLUDING THE 'EUROPEAN GREEN CARS INITIATIVE') | | | | | | | | | | | | |
|--|--|--|--|--|--|--------------------------|---|---|---|---|---|-------------|
| CHALLENGE 1. ECO-INNOVATION | | | | | | | | | | | | |
| ACTIVITY 7.2.1. THE GREENING OF SURFACE TRANSPORT | | | | | | Call: FP7-SST-2013-RTD-1 | | | | | | |
| SST.2013.1-1. Railway infrastructure optimisation and monitoring for further noise reduction | | | | | | | | | | | X | 14 Nov 2012 |
| SST.2013.1-2. Towards the zero emission ship | | | | | | | | | | | X | 14 Nov 2012 |
| SST.2013.1-3. ERA-NET Plus 'Advanced systems, materials and techniques for next generation infrastructure' | | | | | | | | X | | | X | 28 Feb 2013 |
| CHALLENGE 2. SAFE AND SEAMLESS MOBILITY | | | | | | | | | | | | |
| ACTIVITY 7.2.2. ENCOURAGING MODAL SHIFT AND DECONGESTING TRANSPORT CORRIDORS | | | | | | Call: FP7-SST-2013-RTD-1 | | | | | | |
| SST.2013.2-1. Next generation of train control systems in the domain of urban and main line European railway systems | | | | | | | | X | | | X | 14 Nov 2012 |
| SST.2013.2-2. New concepts for railway infrastructure and operation: adaptable, automated, resilient and high-capacity | | | | | | | | X | X | | X | 14 Nov 2012 |
| ACTIVITY 7.2.3. ENSURING SUSTAINABLE URBAN MOBILITY | | | | | | | | | | | | |
| SST.2013.3-1. Managing integrated multimodal urban transport network | | | | | | | | X | | | X | 14 Nov 2012 |
| SST.2013.3-2. Implementing innovative and green urban transport solutions in Europe and beyond | | | | | | | | | | | X | 14 Nov 2012 |
| ACTIVITY 7.2.3. ENSURING SUSTAINABLE URBAN MOBILITY | | | | | | | | | | | | |
| SST.2013.3-3. Capitalising CIVITAS knowledge and experience | | | | | | | | | | | X | 14 Nov 2012 |
| ACTIVITY 7.2.4. IMPROVING SAFETY AND SECURITY | | | | | | | | | | | | |
| SST.2013.4-1. Ships in operation | | | | | | | | | | | X | 14 Nov 2012 |
| ACTIVITY 7.2.4. IMPROVING SAFETY AND SECURITY | | | | | | | | | | | | |
| SST.2013.4-2. Inspection capabilities for enhanced ship safety | | | | | | | | X | | | X | 14 Nov 2012 |
| ACTIVITY 7.2.4. IMPROVING SAFETY AND SECURITY | | | | | | | | | | | | |
| SST.2013.4-3. Biomechanics and advanced digital human body models and testing for vehicle safety | | | | | | X | | | | | X | 14 Nov 2012 |
| CHALLENGE 3. COMPETITIVENESS THROUGH INNOVATION | | | | | | | | | | | | |
| ACTIVITY 7.2.5. STRENGTHENING COMPETITIVENESS | | | | | | Call: FP7-SST-2013-RTD-1 | | | | | | |
| SST.2013.5-1. Technical requirements for the certification of new materials for railway rolling stock | | | | | | | | X | X | | X | 14 Nov 2012 |
| SST.2013.5-2. Low cost flexible automation and mechanisation in small to medium shipyards | | | | | | | | X | | | X | 14 Nov 2012 |
| SST.2013.5-3. Innovative, cost-effective construction and maintenance for safer, greener and climate resilient road | | | | | | | | X | | | X | 14 Nov 2012 |
| 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 | | | | | | | | | | | X | 14 Nov 2012 |
| SST.2013.6-2. Towards a competitive and resource efficient port transport system | | | | | | | | X | | | X | 14 Nov 2012 |
| SST.2013.6-3. Organisation of Transport Research Awards for the Transport Research Arena (TRA) conference | | | | | | | | | | | X | 14 Nov 2012 |
| 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 | | | | | | X | | X | X | X | X | 14 Nov 2012 |
| GC.SST.2013-2. Next generation electric motors | | | | | | | | X | X | X | X | 14 Nov 2012 |
| GC.SST.2013-3. Future light urban electric vehicles | | | | | | X | | X | x | | X | 14 Nov 2012 |
| GC.SST.2013-4. Demonstration of electric buses as urban public transport | | | | | | | | X | | X | X | 14 Nov 2012 |
| GC.SST.2013-5. Configurable and adaptable truck | | | | | | | | X | X | | X | 14 Nov 2012 |
| GC.SST.2013-6. High efficiency energy conversion for future heavy duty transport | | | | | | | | X | X | | X | 14 Nov 2012 |
| GC.SST.2013-7. Technical and operational connectivity in intermodal freight transport | | | | | | | | X | | | X | 14 Nov 2012 |
| "THE OCEAN OF TOMORROW – 2013: JOINING RESEARCH FORCES TO MEET CHALLENGES IN OCEAN MANAGEMENT" | | | | | | | | | | | | |
| OCEAN 2013.3. Innovative antifouling materials for maritime applications | | | | | | | X | | X | | X | 07 Feb 2013 |
| OCEAN 2013.4. Innovative transport and deployment systems for the offshore wind energy sector | | | | | | | | | X | | X | 07 Feb 2013 |

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| 7.3. HORIZONTAL ACTIVITIES FOR IMPLEMENTING THE TRANSPORT PROGRAMME | | | | | | | Call: FP7-SST-2013-RTD-1 | | | | |
|---|--|--|---|---|---|---|--------------------------|--|--|---|-------------|
| TPT.2013-1. Technology transfer in the area of Transport | | | X | X | X | X | | | | X | 14 Nov 2012 |
| TPT.2013-2. Mapping regional capacities in transport research and innovation | | | | | | X | | | | | 14 Nov 2012 |
| TPT.2013-3. Ex-post evaluation of the Transport (including Aeronautics) theme of the FP7 'Cooperation' specific programme | | | | | | X | X | | | | 14 Nov 2012 |