

Aeronautics and Air Transport (AAT)

Indicative Topics for Call to be published in July 2010

Topic	Funding Scheme
ACTIVITY 7. 1. 1. The Greening of Air Transport	
AAT.2011.1.4-2. Systems approach to improved core engine thermal efficiency	CP-IP
ACTIVITY 7. 1. 2. Increasing Time Efficiency	
AAT.2011.2.3-3. Integrated approach to total airport management for operational efficiency	CP-IP
ACTIVITY 7. 1. 3. Ensuring Customer Satisfaction and Safety	
AAT.2011.3.5-1. Integrated approach to a human-centred cabin physical environment	CP-IP
ACTIVITY 7. 1. 4. Improving Cost Efficiency	
AAT.2011.4.4-3. Integrated approach to smart airframe structures	CP-IP
AAT.2011.4.4-4. Integrated approach to efficient propulsion and related aircraft systems for small-size aircraft	CP-IP
AAT.2011.4.4-5. Integrated modular actuation systems for the future all-electric aircraft	CP-IP
ACTIVITY 7. 1. 5. Protection of Aircraft and Passengers	
(no topics planned)	
ACTIVITY 7. 1. 6. Pioneering the Air Transport of the Future	
7.1.6.1. Breakthrough and emerging technologies	
AAT.2010.6.1-1. Lift	CP-FP CSA-CA

AAT.2010.6.1-2. Propulsion	CP-FP CSA-CA
AAT.2010.6.1-3. Interior space	CP-FP CSA-CA
AAT.2010.6.1-4. Life-cycle	CP-FP CSA-CA
7.1.6.2. Step changes in air transportation operation	
AAT.2010.6.2-1. Novel air transport vehicles	CP-FP CSA-CA
AAT.2010.6.2-2. Guidance and control	CP-FP CSA-CA
AAT.2010.6.2-3. Airports	CP-FP CSA-CA
7.1.6.3. Promising pioneering ideas in air transport	
AAT.2010.6.3-1. The cruiser/feeder concept	CP-FP CSA-CA
AAT.2010.6.3-2. Take-off and landing with ground-based power	CP-FP CSA-CA
AAT.2010.6.3-4. New sources of aircraft main propulsive power	CP-FP CSA-CA

ACTIVITY 7. 1. 7. Cross-Cutting Activities for Implementation of the Sub-theme Programme	
AAT.2011.7-9. Supporting the organization of conferences and events of special relevance to aeronautics and air transport research	CSA-SA
AAT.2011.7-11. Stimulating the participation of small and medium size enterprises (SME) and other small organizations for improved integration of the European Research Area	CSA-SA
AAT.2011.7-18. Assessing the role and needs of air freight in air transport	CSA-SA
AAT.2011.7-19. Exploring opportunities and stimulating research cooperation with Canada	CSA-SA
AAT.2011.7-20. Exploring opportunities and stimulating research cooperation with Japan	CSA-SA
AAT.2011.7-22. Assessing the educational needs of engineers and researchers in aeronautics and air transport	CSA-SA
AAT.2011.7-23. Technology support for crisis coordination for the air transport system following major disrupting events	CSA-SA