

Call title: FP7- AERONAUTICS and AIR TRANSPORT (AAT)-2010-RTD-1

- **Call identifier: FP7-AAT-2010-RTD-1**
- **Date of publication:** 30 July 2009
- **Deadline¹:** 14 January 2010 at 17.00.00 (Brussels local time)
- **Indicative budget²:** EUR 101.29 million

The indicative distribution of the call budget is as follows:

- EUR 3 million for CSA-SA;
- EUR 98.29 million for topics funded via CP-FP (Level 1) and CSA-CA.

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.

- **Note:** no topics for NoE or CP-IP (Level 2) are open in this call.

- **Topics called:**

Activity / Area	Topics called	Funding Schemes
7.1.1. THE GREENING OF AIR TRANSPORT		
7.1.1.1. Green aircraft	AAT.2010.1.1-1. Flight physics	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.1.1-2. Aerostructures	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.1.1-3 Propulsion	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.1.1-4. Systems and equipment	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.1.1-5. Avionics	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.1.2. Ecological production and maintenance	AAT.2010.1.2-1. Production	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.1.2-2. Maintenance and disposal	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)

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

² Under the condition that the preliminary draft budget for 2010 is adopted without modifications by the budget authority.

7.1.1.3. Green air transport operations	AAT.2010.1.3-2. Airports	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.1.3-3. Design systems and tools - Understanding interactions between air transport, environment and society	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.2. INCREASING TIME EFFICIENCY		
7.1.2.2. Time efficient air transport operations	AAT.2010.2.2-2. Airports	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.3. ENSURING CUSTOMER SATISFACTION AND SAFETY		
7.1.3.1. Passenger friendly cabin	AAT.2010.3.1-2. Noise and vibration	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.3.3. Aircraft safety	AAT.2010.3.3-1. Aerostructures	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.3.3-2. Systems and equipment	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.3.3-3 Avionics	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.3.4. Operational safety	AAT.2010.3.4-1. Design systems and tools	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.4. IMPROVING COST EFFICIENCY		
7.1.4.1. Aircraft development cost	AAT.2010.4.1-1. Design systems and tools	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.4.1-2. Aerostructures	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.4.1-3. Systems and equipment	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.4.1-4. Avionics	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.4.1-5. Production	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.4.2. Aircraft operational cost	AAT.2010.4.2-1. Flight Physics	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)

	AAT.2010.4.2-2. Aerostructures	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.4.2-3. Propulsion	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.4.2-4. Systems	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.4.2-5. Avionics	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.4.3. Air Transport system operational cost	AAT.2010.4.3-4. Human factors	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.5. PROTECTION OF AIRCRAFT AND PASSENGERS		
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 (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.6.1-2. Propulsion	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.6.1-3. Interior space	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.6.1-4. Life-cycle	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.6.2. Step changes in air transportation	AAT.2010.6.2-1. Novel air transport vehicles	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.6.2-2. Guidance and control	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.6.2-3. Airports	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.6.3. Promising pioneering ideas in air transport	AAT.2010.6.3-1. The cruiser/feeder concept	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.6.3-2. Take-off and landing with ground-based power	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
	AAT.2010.6.3-3. Personal air transport systems	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)

	AAT.2010.6.3-4. New sources of aircraft main propulsive power	CP-FP (small or medium-scale focused research), CSA-CA (coordinating)
7.1.7. CROSS-CUTTING ACTIVITIES FOR IMPLEMENTATION OF THE SUB-THEME PROGRAMME		
	AAT.2010.7-3. Improving passenger choice in air transportation with the incorporation of additional and new vehicles	CSA-SA (supporting)
	AAT.2010.7-4. Retrofitting for improved sustainability and economic viability of aeronautical products	CSA-SA (supporting)
	AAT.2010.7-6. Stimulating research with International Cooperation Partner Countries	CSA-SA (supporting)
	AAT.2010.7-9. Supporting the organisation of conferences and events of special relevance to aeronautics and air transport research	CSA-SA (supporting)
	AAT.2010.7-11. Stimulating the participation of small and medium size enterprises (SME) and other small organisations for improved integration of the European Research Area	CSA-SA (supporting)
	AAT.2010.7-12. Assessing and further developing the role of small aircraft in the air transport system	CSA-SA (supporting)
	AAT.2010.7-13. Observation platform to assess the fulfilment of Vision 2020 goals from technological and institutional standpoints	CSA-SA (supporting)
	AAT.2010.7-14. Platform to stimulate the development of breakthrough technologies and concepts enabling step changes in aviation	CSA-SA (supporting)
	AAT.2010.7-15. Updating the strategic agenda for aeronautics and air transport research in Europe	CSA-SA (supporting)
	AAT.2010.7-16. Exploring opportunities and stimulating research cooperation with the United States of America	CSA-SA (supporting)

- **Eligibility conditions:**

- The general eligibility criteria are set out in Annex 2 of 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	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 (coordinating action)	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 (supporting action)	At least 1 independent legal entity.

- The following additional eligibility criterion apply in this call: Maximum requested Community contribution to CP-FP (Level 1) projects is limited to EUR 5 million per project.
- 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 of 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 EPSS.
 - 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.
 - Experts will not carry out the individual evaluation of proposals remotely.
 - The procedure for prioritising proposals with equal scores is described in Annex 2 of the work programme.
 - The evaluation will produce 2 ranked lists of proposals retained for funding with the corresponding reserve lists:
 - CP-FP (Level 1) and CSA-CA (coordinating)
 - CSA-SA (supporting)
- **Indicative timetable:**
 - Intended period for on-site (Brussels) evaluation / panel meetings: From 1st to 19th March 2010
 - Intended start date for grant agreement negotiations: June 2010
- **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.

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 at the following website: http://cordis.europa.eu/fp7/find-doc_en.html under 'Guidance documents/Flat rates for daily allowances'.