Aerodays 2011
Madrid, 30 March 2011

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The Federal Ministry of Economics and Technology - BMWi
Key data:

- **Duration:**
  - 3 years (01.01.2010 - 31.12.2012)

- **Budget:**
  - 1,9 Mio EUR

- **Consortium:**
  Participating countries almost identical to AirTN - FP6,
  - 18 nations
  - plus Hungary and Croatia
  - minus Czech Republic
  - open to new members
  - information exchange process through ACARE and others
# 17 European States with 23 Partner Organisations

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<thead>
<tr>
<th></th>
<th>Country</th>
<th>Reference</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Austria</td>
<td>BMVIT</td>
<td>Federal Ministry for Transport, Innovation and Technology</td>
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<td></td>
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<td>FFG</td>
<td>Austrian Research Promotion Agency</td>
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<td>2</td>
<td>Belgium</td>
<td>BELSPO</td>
<td>Belgian Federal Science Policy Office Aeronautics</td>
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<td>3</td>
<td>Croatia</td>
<td>Uni. Of Zagreb</td>
<td>University of Zagreb</td>
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<td>4</td>
<td>France</td>
<td>ONERA</td>
<td>Aeronautics and Space Research Centre</td>
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<td>5</td>
<td>Germany</td>
<td>BMWI</td>
<td>Federal Ministry of Economics and Technology</td>
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<td>DLR PT-LF</td>
<td>German Aerospace Center - Program Management Agency/Aeronautics Research</td>
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<td>6</td>
<td>Greece</td>
<td>GSRT</td>
<td>General Secretariat for Research and Technology</td>
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<td>7</td>
<td>Hungary</td>
<td>NIH</td>
<td>National Innovation Office</td>
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<td>Ireland</td>
<td>EI</td>
<td>Enterprise Ireland</td>
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<td>9</td>
<td>Italy</td>
<td>MIUR</td>
<td>Ministry of University and Research</td>
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<td>CIRA</td>
<td>Italian Aerospace Research Center</td>
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<td>Netherlands</td>
<td>EZ</td>
<td>Ministry of Economic Affairs</td>
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<td>NLR</td>
<td>National Aerospace Laboratory</td>
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<td>Poland</td>
<td>NCBIR</td>
<td>National Centre for Research and Development</td>
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<td>FCT</td>
<td>Foundation of Science and Technology</td>
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<td>ROSA</td>
<td>Romanian Space Agency</td>
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<td>Ministry of Transport and Communications</td>
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<td>University of Zilina</td>
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<td>15</td>
<td>Spain</td>
<td>CDTI</td>
<td>Centre for Development of Industrial Technology</td>
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<td>16</td>
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<td>VINNOVA</td>
<td>Swedish Agency for Innovation Systems</td>
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<td>Secretariat for Education and Research</td>
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<td>UK</td>
<td>BIS</td>
<td>Department for Business, Innovation &amp; Skills</td>
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<td>TSB</td>
<td>Technology Strategy Board</td>
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Coordination of EU research

• To enhance synergies throughout Europe
• To support transnational programmes
• To act together to form an integrated community
• To increase efficiency of and to avoid waste of funding the coordination of national research programmes must be improved

> First transnational projects started.
Funding will be provided/is provided for a period of 3-4 years per project with a combined **funding for the elected projects of approx. 25 Mio €**, shared between LuFo and TAKE-OFF.
Example:
ProFIT – Process Chain Fibre Placement

Goals:
• development of flexible fiberplacement-heads for multimaterials
• development of innovative & flexible process chain for fiberplacement-technologies in serial-production
• online process monitoring & automated error correction

Partners:
> Germany: FHG, Gerster, iSAM, MT Aerospace, Eurocopter, Diehl Aircabin, KSL, MAG, GE, EADS-IW

> Austria: PROFACTOR, WESTCAM, Benteler-SGL, Aerospace & Advanced Composites, FD-Composites, Peak Technology
Cooporation with Austrian TAKE OFF-Programme
Work-Packages:

- WP1: Management and Coordination (Lead: BMWI/DLR PT-LF; Germany)
- WP2: Foundations of joint activities (Lead: MDPaT/UNI Zilina; Slovakia)
- WP3: Facilitators of joint activities (Lead: BMVIT/FFG; Austria)
- WP4: Implementation of joint activities (Lead: CDTI; Spain)
- WP5: Dissemination (Lead: EZ/NLR; The Netherlands)
Work breakdown:

AirTN-FP7

WP 1: Management & Coordination
- Task 2.1: Information on national programmes in MS
- Task 2.2: Information on regional programmes in MS
- Task 2.3: Horizontal and bottom up research topics
- Task 2.4: Research topics brought forward from other European initiatives
- Task 2.5: Research topics with relevance for countries with less developed aerospace industry
- Task 2.6: Research infrastructure

WP 2: Foundations for joint activities
- Task 2.2: Information on regional programmes in MS

WP 3: Facilitators of joint activities
- Task 3.1: Support for organizers
- Task 3.2: Support for participants

WP 4: Implementation of joint activities
- Task 4.1: Joint activities in MS
- Task 4.2: Joint activities with Third countries
- Task 4.3: Preparing the grounds for an ERA-Net Plus
- Task 4.4: Evaluation / Self-Assessment

WP 5: Dissemination
- Task 5.1: Website
- Task 5.2: Virtual Lab
- Task 5.2: Thematic fora
Main objectives
(build on main achievements from AirTN-FP6)

• Focus on joint activities:
  – Implementation of joint activities,
  – Funding of joint trans-national research

• Further integration of AirTN consortium
  – Work packages lead by “smaller” countries
  – More collaborative work packages
Coordinator / Work package 1: SCIENTIFIC / TECHNICAL COORDINATION
Objectives

- Point of contact for the EU Commission and fulfilment of contract obligations
- Management of the consortium
- Coordination of activities and fulfilment of objectives
- Analysis of common strategic issues
- Consideration of specific target groups’ interests with respect to joint activities, briefing of specific target groups’ with respect to AirTN activities and objectives
- Maintenance of the virtual laboratory to be used as an electronic means of communication
Task 1.1: Management activities:

- Financial and administrative duties (financial flow, cost statements etc.);
- Chair of the AirTN Management Team and the AirTN Board;
- Organisation of meetings (Kick-off, Management team, Board);
- Knowledge management;
- Reporting (annual, mid term, final, cost statements, audit certificates);
  Addition of, termination of, and modifications to partner data;
- Active communication to interested new partners, e.g. via ACARE WT6 (MSG);
- Management of the partners’ budgets;
- Other modifications to the contract

Lead: DLR; No participating partners
**Task 1.2:** Technical coordination:

- Maintenance of road map for joint activities
- Overall coordination of the work packages in the network
- Publication activities (leaflets, brochures, studies etc.)

**Lead:** DLR; No participating partners

**Task 1.3:** Communication to specific target groups, e.g.:

- Establishment of communication channels with specific target groups
- Organisation of AirTN presence at meetings of specific target group

**Lead:** DLR; No participating partners

**Task 1.4:** Maintenance of the virtual laboratory to be used as an electronic means of communication

**Lead:** NLR; No participating partners
Work package 2: Foundations of joint activities
Objectives

- Information collection on research programmes

- Research topics for joint activities

- Establishment of a catalogue of aeronautical research infrastructures in various EU countries and analysis of corresponding investment policies, priorities and mechanisms
Task 2.1: will deliver a concept of a database tool ("AirTN Call Information System")
Lead: FFG; Participating partners: NLR

Task 2.2: Collection of data regarding regional programmes in the EU member states to enable joint activities by availing of all the possible funding sources.
Lead: FFG; Participating partners: CDTI, MIUR, NLR, ONERA, BIS, DLR

Task 2.3: Identify topics suitable for joint activities
Lead: UNIZ; Participating partners: CIRA, NLR, NIH, SER, NCBIR, FCT

Task 2.4: Identify topics brought forward from other European initiatives
Lead: EI; Participating partners: No participating partners

Task 2.5: Identify topics relevant for countries with less developed aerospace landscape
Lead: NCBIR; Participating partners: UNIZ, NIH

Task 2.6: Establishment of a catalogue of aeronautical research infrastructures in various EU countries and analysis of corresponding investment policies, priorities and mechanisms
Lead: ONERA; Participating partners: DLR, NLR, CIRA
Work package 3: Facilitators of joint activities
Objectives

- Work Package 3 is responsible for the development of documentation and processes for implementing joint activities. It aims to maximise the added value for those participating in joint activities.

- This will build on the results of Work Packages 3 and 7 of AirTN-FP6. WP 3 will provide best practise information to member/associated states aiming to set up joint activities/ joint research programmes. The experiences and results of other ERA-Nets will be used as an input to define the best possible route to supporting activities.

- This work package will support both modalities of joint activities: Project-by-project basis and structured approach.
**Task 3.1:** Support for organizers of joint activities

*Lead: FFG; Participating partners: FFG, NLR, CDTI*

**Task 3.2:** Support for participants of joint activities

*Lead: FFG; Participating partners: NLR*
Work package 4: Implementation of joint activities
Objectives

This work package aims to prepare the ERA-Net for transnational programmes by developing schemes and procedures, and also to provide plans and facilities for the network with the possibility of becoming sustainable post EC funding. These aims will be further supported by multinational pilot actions, joint activities and joint calls on some widely used components and instruments of national and international programmes.

The work will consist of four tasks:
- Implementation of joint activities in Member States
- Implementation of joint activities with Third countries
- Preparing the grounds for an ERA-Net plus
- Evaluation and self-assessment
Task 4.1: Implementation of joint activities in Member States
Lead: CDTI; Participating partners: all

Task 4.2: Implementation of joint projects a) within AirTN partners and b) AirTN Partners with third countries
Lead: BIS; Participating partners: NLR, SER, FCT

Task 4.3: Preparing the grounds for an ERA-Net plus
Lead: CIRA; Participating partners: CDTI, NLR, MIUR, NIH, NCBIR, BIS

Task 4.4: Education
Lead: UNIZ; No participating partners

Task 4.5: Research infrastructures
Lead: ONERA; No participating partner

Task 4.6: Evaluation and self-assessment
Lead: GSRT; No participating partners
Work package 5: Dissemination
Objectives

- Maintenance of the public website

- Organisation of thematic fora
Task 5.1: Website

Lead: NLR; No participating partners

Task 5.2: Organise thematic fora

Lead: CIRA; Participating partners: SER, FFG, GSRT, FCT
Thank you for your attention.