



AirTN

Air Transport Net



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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



AirTN Landscape



The AirTN Countries:

- Austria
- Belgium
- Croatia
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Netherlands
- Poland
- Portugal
- Romania
- Slovakia
- Spain
- Sweden
- Switzerland
- United Kingdom



17 European States with 23 Partner Organisations

1	Austria	BMVIT FFG	Federal Ministry for Transport, Innovation and Technology Austrian Research Promotion Agency
2	Belgium	BELSPO	Belgian Federal Science Policy Office Aeronautics
3	Croatia	Uni. Of Zagreb	University of Zagreb
4	France	ONERA	Aeronautics and Space Research Centre
5	Germany	BMWI DLR PT-LF	Federal Ministry of Economics and Technology German Aerospace Center - Program Management Agency/Aeronautics Research
6	Greece	GSRT	General Secretariat for Research and Technology
7	Hungary	NIH	National Innovation Office
8	Ireland	EI	Enterprise Ireland
9	Italy	MIUR CIRA	Ministry of University and Research Italian Aerospace Research Center
10	Netherlands	EZ NLR	Ministry of Economic Affairs National Aerospace Laboratory
11	Poland	NCBIR	National Centre for Research and Development
12	Portugal	FCT	Foundation of Science and Technology
13	Romania	ROSA	Romanian Space Agency
14	Slovakia	MDPaT Uni. of Zilina	Ministry of Transport and Communications University of Zilina
15	Spain	CDTI	Centre for Development of Industrial Technology
16	Sweden	VINNOVA	Swedish Agency for Innovation Systems
17	Switzerland	SER	Secretariat for Education and Research
18	UK	BIS TSB	Department for Business, Innovation & Skills Technology Strategy Board



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:

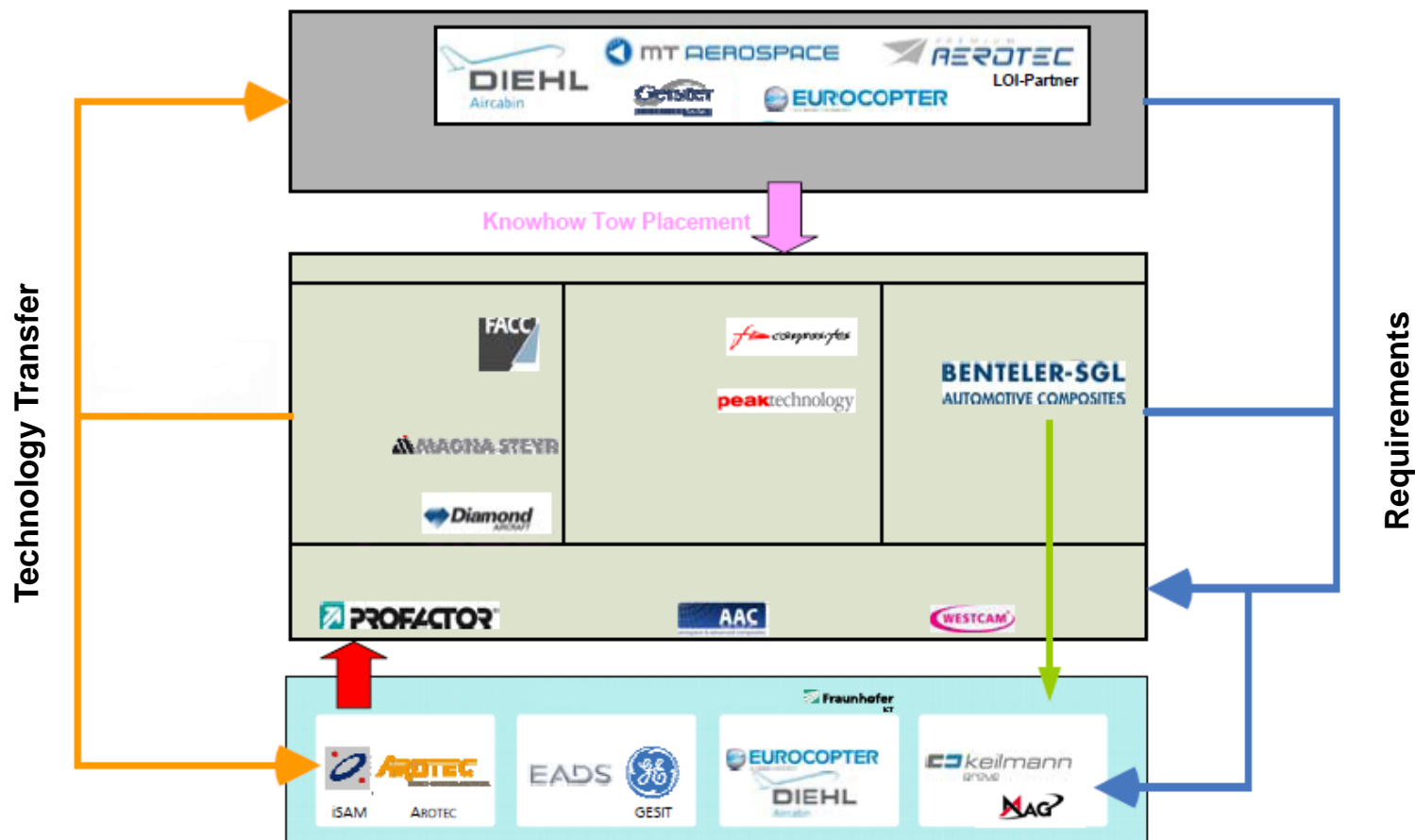
- development of flexible fiberplacement-heads for multimaterials
- development of innovative & flexible process chain for fiberplacement-technologies in serial-production
- online process monitoring & automated error correction

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



Cooperation with Austrian TAKE OFF-Programme



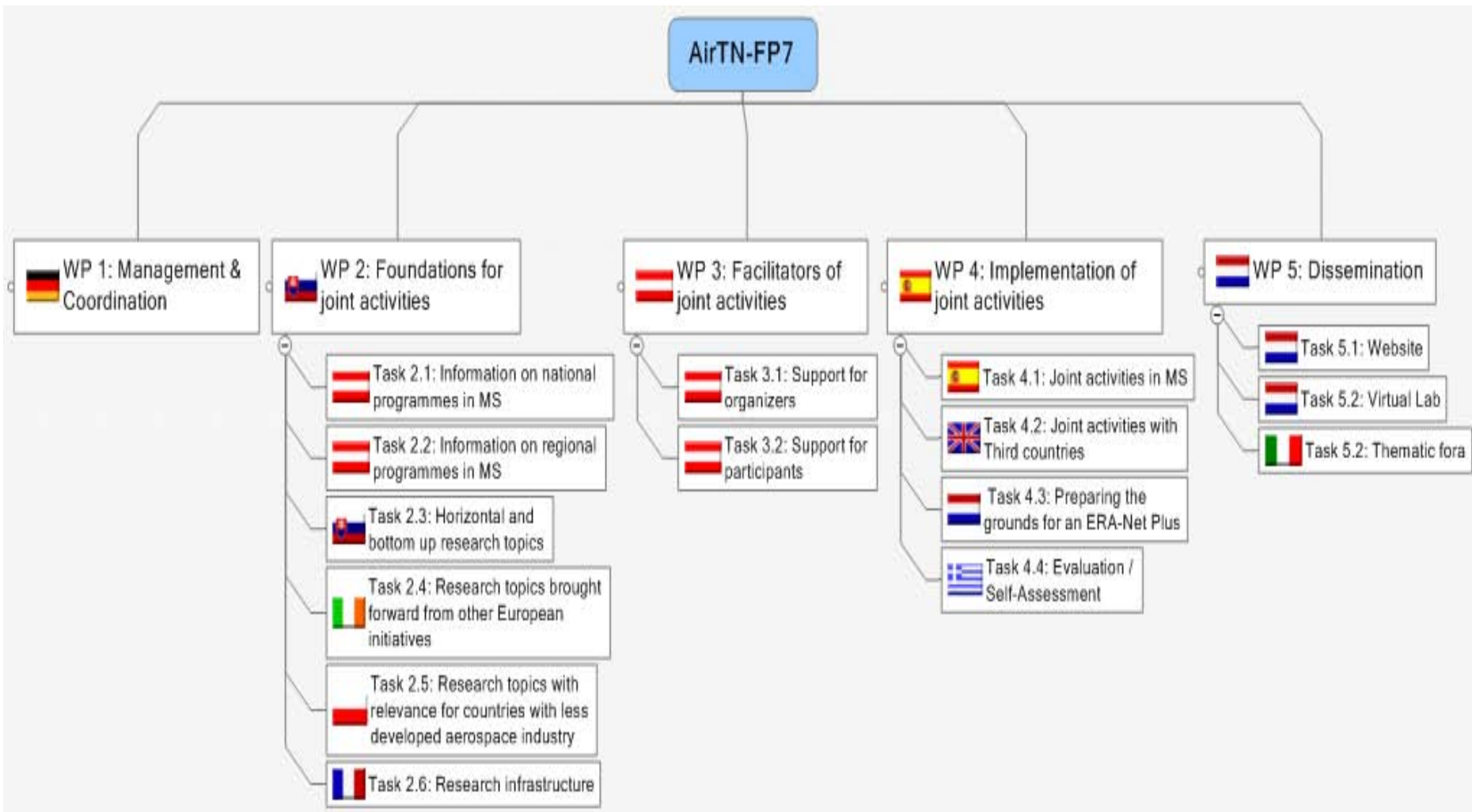


Work-Packages:

- 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:





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



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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**



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Thank you for your attention.