

“AirTN”

Aeronautics ERA-Net proposal

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Report to Council

Madrid, March 9 and 10 2005



Objectives of Proposed AirTN ERA-Net

- To step up the co-operation and co-ordination of civil research activities in aeronautics carried out at national level through the networking of civil research activities at EU level.
 - This first objective includes the implementation of joint aeronautical research activities (in GARTEUR Action Groups) in order to strengthen Europe's global competitiveness in the aeronautical sector and to assure future growth in this sector.
- To expand the European dimension with an aeronautical network in order to improve the coherence and co-ordination across Europe of civil aeronautics and in order to strengthen the underpinning of the European civil aeronautics programme.
 - This expanded EU dimension is being implemented by including a large number of EU Member States (sixteen), an Associated Candidate Country (Romania) and an Associated State (Switzerland) in this networking of civil aeronautical RTD activities, and by providing an option for further expansion in the future.

Timeline Coalition Building

AirTN

- First discussion to take initiative, on Sept. 15-16, 2004
- GARTEUR Participation in WT6 meeting, on Sept. 28, 2004

- Review at Council Meeting Oct. 13-14, 2004
- Ad hoc Working Group meeting in Amsterdam on Jan. 13, 2005
 - Formulating conditions in GARTEUR letter to Heads of Delegation
- Decision to go ahead with ERA-Net Proposal on Febr. 8, 2005

- First proposal meeting in Brussels on Febr. 9, 2005
- Expanding coalition to up to 18 nations continuous three week effort
- Second proposal meeting in Brussels on Febr. 21, 2005

- “AirTN” proposal submitted to EC on March 2, 2005
- “AirTN” proposal sent to council on March 3, 2005
- Congratulations with timely submission on March 3, 2005

Principles for the set-up of an ERA-Net on Aeronautics and GARTEUR involvement

AirTN

The ERA-Net scheme is a means for the Sixth Framework Programme to support the co-operation and co-ordination of research activities carried out at national or regional level. A call for ERA-Net proposals is published by the EC.

The ERA-Net for Aeronautics, as a response to the call for proposals from the EC, is in essence considered to be a GARTEUR activity.

This allows in particular:

-)To apply the necessary firewall for safeguarding defence-related programmes within GARTEUR;
-)To apply the rules in the GARTEUR Basic Documents, also to organisations from non-GARTEUR nations that wish to participate in this ERA-Net;
-)To harmonise the secretariat roles for GARTEUR and ERA-Net;
-)To use the EC PR functions for GARTEUR purposes.

Legal entities from non-GARTEUR member states with a real competence in aeronautics and national funding can participate in this ERA-Net provided they are eligible in terms of the ERA-Net scheme defined by the EU.

The rules for the co-operation of the partners in this ERA-Net are in line with the GARTEUR rules.

The rules for the ways of networking research activities as set by the ERA-Net scheme have to be respected.

Appropriate government entities, present in the current GARTEUR structure, would act as GARTEUR partners with respect to signing an ERA-Net agreement. Their representatives in the GARTEUR Council / Executive Committee, would, together with partners from non-GARTEUR nations, form a Steering Committee (designated as ERA-Net Board in the diagram attached) for the ERA-Net on Aeronautics.

Signing an ERA-Net agreement depends on the outcome of a contract negotiation phase between partners and the EC.

This contract negotiation phase will only start after the ERA-Net application is submitted, evaluated and subsequently retained for negotiation.

Secretariat support to the ERA-Net is separate from the GARTEUR secretariat but should have a close co-operation to derive mutual benefits.

Financial support measures resulting from the ERA-Net realisation should be used for the ERA-Net function, and should not be used to support GARTEUR R&D activities.

Participation of 18 Nations in AirTN

EU-15

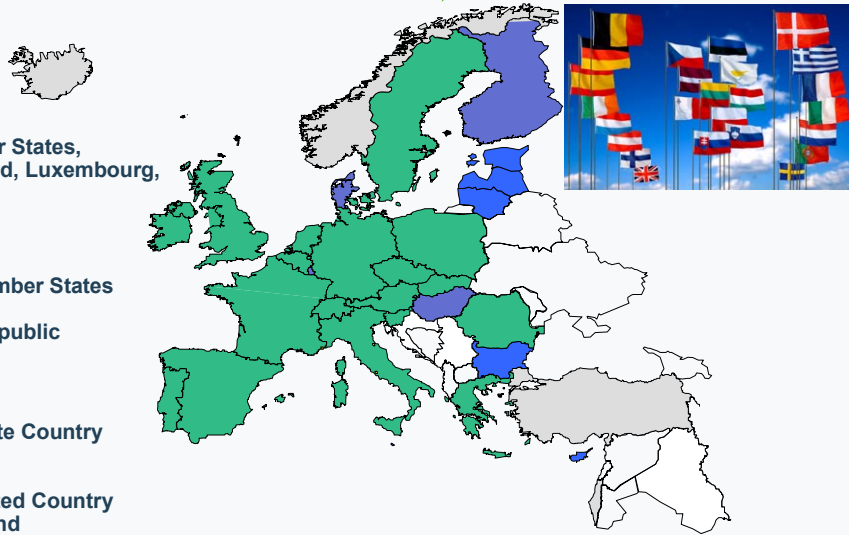
12 Member States,
(ex. Finland, Luxembourg,
Denmark)

EU-25

4 New Member States
•Poland
•Czech Republic
•Slovenia
•Slovakia

1 Candidate Country
•Romania

1 Associated Country
•Switzerland



Outline of Consortium

No	Country	Partner	
1	Germany	BMWA	Federal Ministry of Economics and Labour
		PT-L	Programme Management Office Aeronautics Research & Technology
2	Spain	MITC	Ministry of Industry Tourism and Trade
3	France	DPAC	Direction des Programmes Aéronautiques Civils
4	UK	DTI	Department of Trade & Industry
		DFT	Department for Transport
5	Italy	MIUR	Ministry of education, university and research
6	Netherlands	EZ	Ministry of Economic Affairs
		NIVR	Netherlands Agency for Aerospace Programmes
7	Sweden	VINNOVA	Swedish agency for innovation systems
8	Austria	BMVIT	Federal Ministry for Transport, Innovation and Technology
		FFG	Austrian Research Promotion Agency
9	Belgium	BELSPO	Belgian Federal Science Policy Office Aeronautics
10	Czech Republic	MSMT	Ministry of education youth and sports
11	Greece	GSRT	General Secretariat for Research and Technology
12	Ireland	EI	Enterprise Ireland
13	Poland	MSIST	Ministry of Science and Information Society Technologies
14	Portugal	FCT	Foundation for Science and Technology
15	Romania	ROSA	Romanian Space Agency
16	Slovakia	MDPaT	Ministry of Transport and Communications of Slovak Republic
17	Switzerland	CTI	Innovation promotion agency
18	Slovenia	MSZS	Ministry of Education, Science and Sport

Proposal Content

- B.2 Objectives of the ERA-NET and state of the art
- B.3 The consortium
- B.4 Relevance to the objectives of the ERA-NET part of the Work Programme
- B.5 Potential impact
- B.6 Project management
- B.7 Technical content of the co-ordination activity
 - a) Technical content introduction
 - b) Work planning, showing the timing of the different work packages and their components
 - c) Graphical presentation of the components showing their interdependencies
 - d) Detailed work description broken down into work packages
- B.8 Mobilisation of resources (Budget requested 3 Meuro)

Four-step approach to durable co-operation

1. Systematic exchange of information and good practices
Included
2. Analysis of common strategic issues in civil aeronautics
Starting with SRA-2, included
3. Development of joint activities in civil aeronautics
Starting with GARTEUR AGs, included
4. Transnational research activities in civil aeronautics **(limited)**
 - will be addressed on a time scale that will depend on the progress being made with steps 1 through 3 outlined above;
 - AirTN project has a long-term perspective that extends well beyond the initial project duration of three years

Work Packages 1 through 7 (Work Package Managers)

WP 1: Co-ordination / Management (BMWA, DE)

WP 2: Virtual laboratory (EZ, NL)

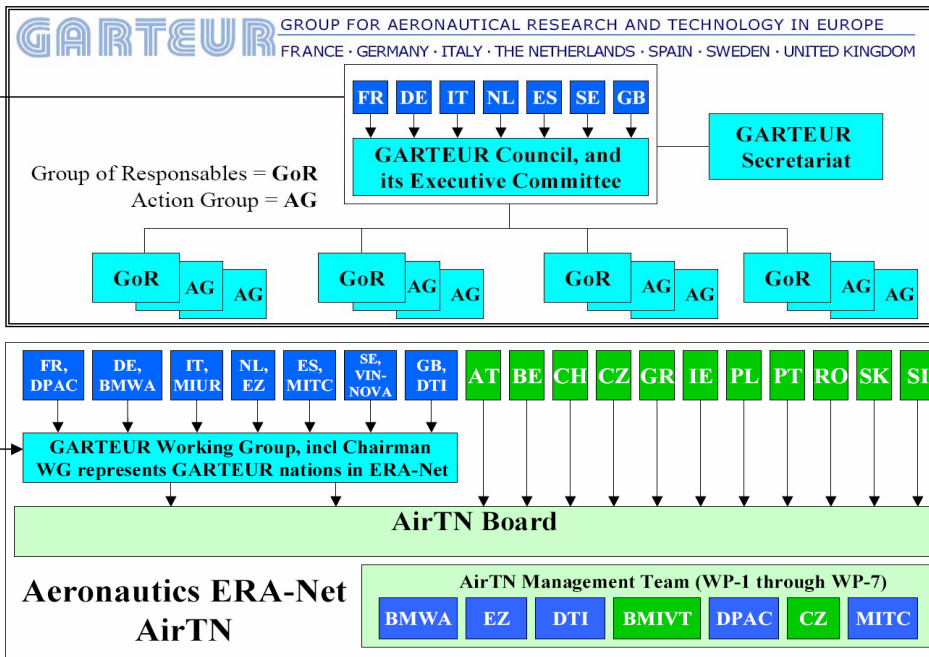
WP 3: Systematic exchange of information (BMVIT, AT)

WP 4: Description of Global RTD landscape (DTI, GB)

WP 5: "Bottom up" activities (DPAC, FR)

WP 6: Thematic Fora (MSMT,CZ)

WP 7: Best practices and joint activities (MITC, ES)



Conclusions AirTN Proposal Proces

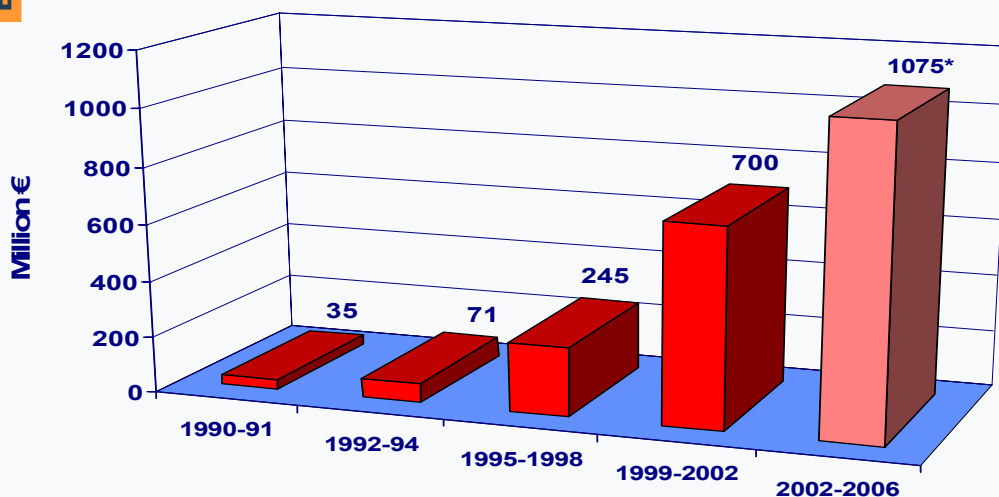
- Initial discussion to take initiative in XC meeting 15-16 Sept. 2004
- Decision to go ahead with ERA-Net Proposal Febr. 8, 2005
- Four months to build GARTEUR coalition

- First proposal meeting February 9, 2005
- "AirTN" proposal submitted to EC on March 2, 2005
- Three weeks to build up to 18 nations; no eligibility check (too late)

- GARTEUR visibility has increased significantly through proposal proces
- AirTN can also strengthen civil aeronautics side of GARTEUR
 - Step-up co-operation leading to more co-ordination
 - European dimension is growing in civil aeronautics
- Action on AirTN proposal is currently with the EC

- If AirTN is retained for negotiation then negotiate
- Else resubmit ? Question to Council now (deadline October 4, 2005)
- Next GARTEUR Council Meeting October 19 and 20 2005

Aeronautics Research in MEuro



*) Budget 6th FP 2002 - 2006: Aeronautics (750), Air Transport (90) & Space (235)