



direction
des Programmes
aéronautiques
et de la
Coopération

« French National Aero RTD Highlights »

Aeronautics Days 2006

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DPAC - Direction des
Programmes Aéronautiques
et de la Coopération



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DPAC

Department of Aeronautical Programmes and Cooperation

- ✓ Created in **1976**, DPAC is part of the **Ministry of Transports**
- ✓ DPAC **defines and implements the French policy** in the domains of **Civil Aeronautics Construction** and **Aeronautics International Coopération**
- ✓ DPAC grants **supports** in the domains of **Research & Technology** and **Precompetitive Development**



DPAC

French National Aero RTD Highlights

DPAC objectives :

- ✓ Develop and reinforce the French Aeronautics Sector global **competitiveness** and prepare the **answers to the challenges of the future**
- ✓ Develop and maintain **the industrial base of high added value activities**
and the **associated employment**
- ✓ Promote the French Aeronautics '**Know-How**' and develop fruitful **International Cooperations** in line with the above objectives



French National Aero RTD Highlights

Support instruments in line with International Agreements and the present Community Rules on State Aid for R&D.

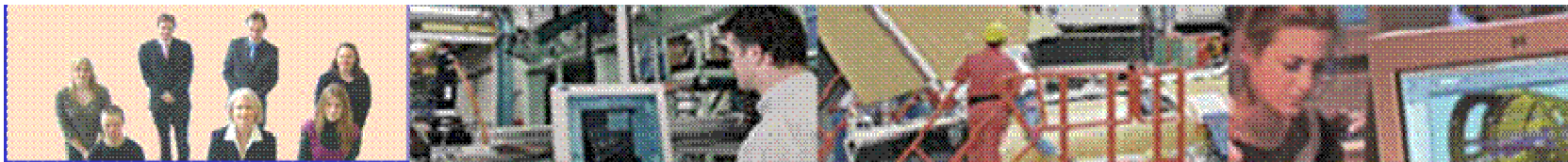
- ✓ **Grants** : Research and Technology Development
- ✓ **Launch Aids** : risks linked to precompetitive innovating Development activities

All domains of Aeronautics are covered :

Aircraft, Helicopters, Engines, Equipements, ...

The whole supply chain is covered, including SMEs :

Aircraft, Aero-Engines & Equipment manufacturers,
Suppliers, Research Establishments, Universities ...



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Aeronautics Research (1/3)

- ✓ Focussed on **Society's needs** :
environment, safety, security, reducing travel costs, ...
- ✓ In line with '**Vision 2020**' & **ACARE**'s orientations
- ✓ Based on a **constant strategic dialogue** between DPAC and the sector's stakeholders
- ✓ Defined according to a **multi-year vision** taking into account the potential **industrial outlets**



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Aeronautics Research (2/3)

- ✓ Concern **All** industrials, Research Establishments and public or academic laboratories taking part in projects
- ✓ Seek **structuring & federating leverage effects**
- ✓ Incite Research Establishments, Academia and Industry to work together in a **cooperative** way
- ✓ Integrate the criterias of the Community Rules on State Aid : **innovating aspects** , **incitativity** , **no distorsion** of competition...
- ✓ Are **Complementary** with the research activities carried out within the European Framework Programmes (FP)





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Aeronautics Research (3/3)

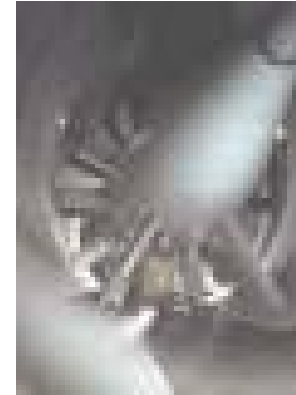
- ✓ Processed through a **yearly decision cycle**
- ✓ Technical **Expertise** and Financial evaluation by Experts independant from Industry, Research Est. & DPAC
- ✓ **Yearly report** to the Commission in the frame of an **Authorized Aid Regime**



ACARE SRA* : a Reference at National level

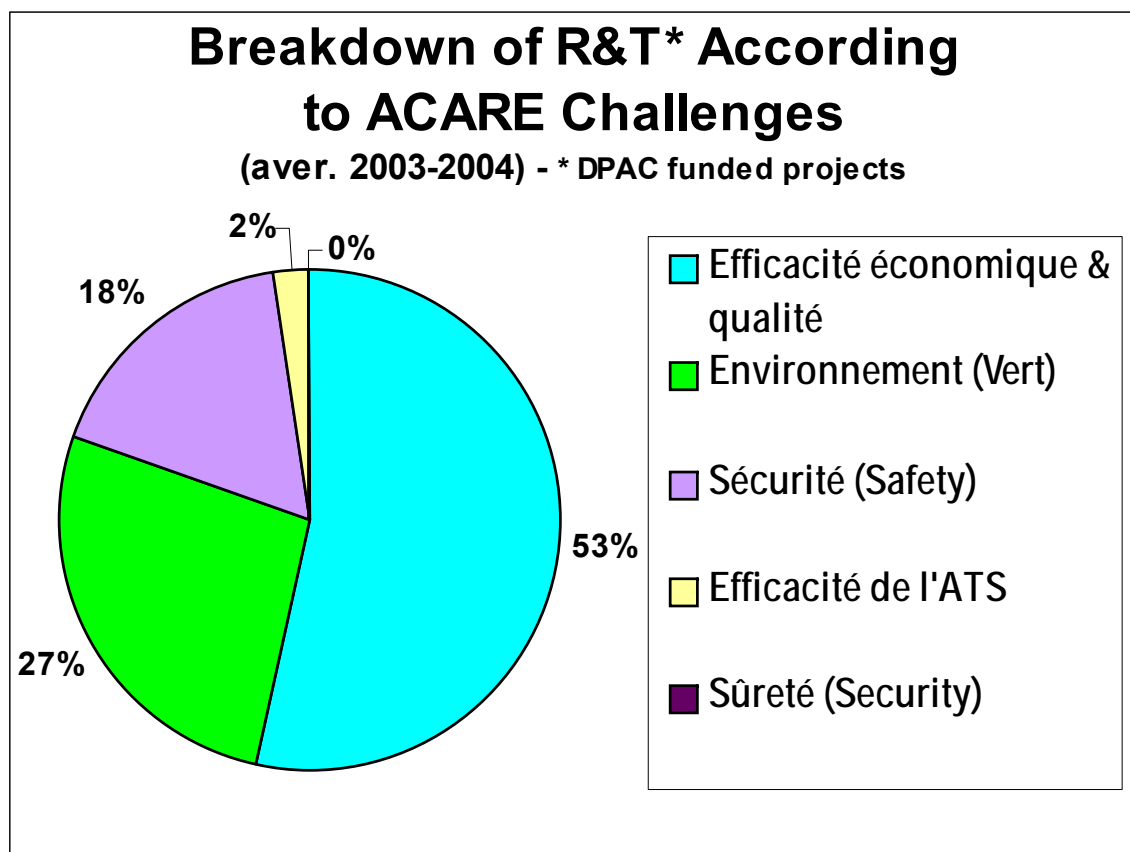
The ACARE SRA helps for coordination and coherence between European & Nat. levels :

- **The French Aeronautics players and DPAC look at the SRA as a reference both at European and National levels**
- **The SRA challenges and goals are taken over at the national level**
- **A national SRA-1 dissemination workshop had been organised in Paris in March 2003**
- **Another National Workshop took place on 26 April 2005 (presenting SRA-2nd edition)**



* SRA : Strategic research Agenda (of ACARE)

ACARE SRA* : a Reference at National level



French National Aero RTD Highlights

National and European programmes both contribute to ACARE-SRA's implementation

- **Sharing the same Top Level Objectives (Vision 2020) : Achieving Global Leadership and Competitiveness of Europe, Meeting Society's Needs ;**
- **Promoting the same High Level Target Concepts (HLTC) : Highly Customer oriented, Time Efficient, Cost Efficient, Ultra-Green, Ultra Secure, Preparing the Future of Air Transport.**



National and European programmes

both contribute to the implementation of the SRA

- DPAC provides Data to feed the ACARE Observation Platform (OP) in order to monitor the SRA implementation

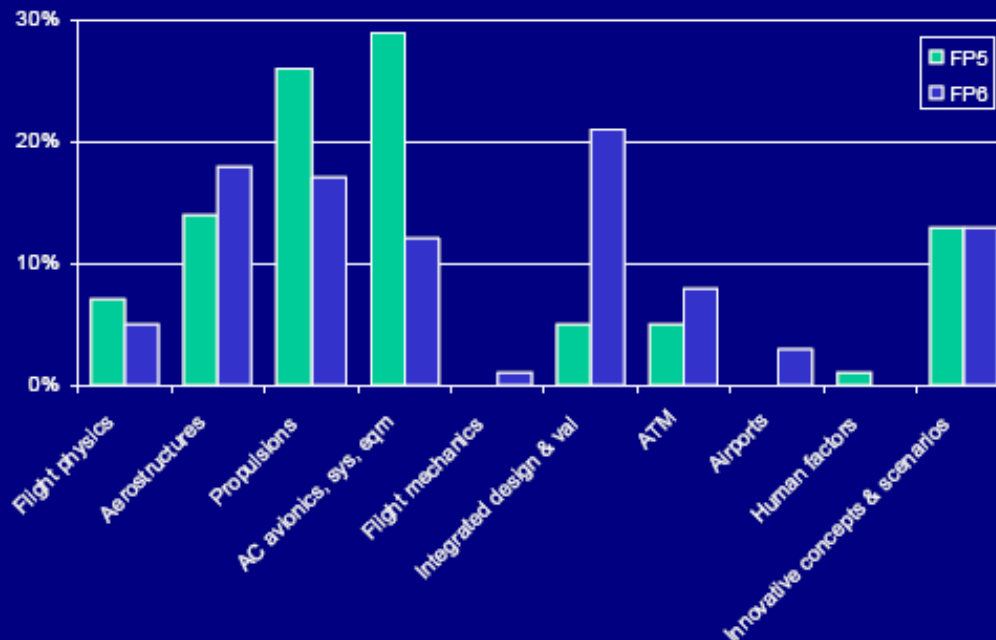


The Observation Platform

A database for the monitoring of the technical and institutional implementation of the SRA and the assessment of the progress towards the Vision 2020 goals



Example



French Cooperation at European Level

Besides **ACARE**, DPAC has developed intense cooperation and links at European level :

- **Namely within the GARTEUR organisation,**
- **France participates to the european Aeronautics & Air Transport ERA-NET « AirTN » to exchange best practices and improve coordination in Europe,**
- **Ad Hoc Working Teams with other European Aeronautics Countries (e.g. with Germany, UK and Spain on Airbus)**



The Poles of Competitivity (PC)



► a PC is a combination (cluster), in a given geographic space (region), of **enterprises, industrialists, academic research units, research establishments, universities and public or private training centres**, all engaged in a common direction, a partnership vision aimed at untapping synergies around innovating projects

► **Main PCs concerning Aeronautics and ATS :**

✓ *AEROSPACE VALLEY* (Regions Midi-Pyrénées, Aquitaine) « AESE: Aeronautics, space & onboard systems »,

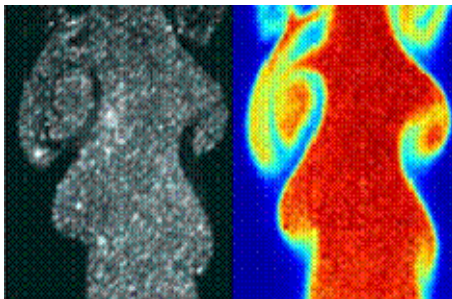
✓ *SYSTEM@TIC PARIS-REGION* (Ile-de-France Region) « Aeronautics, space & defense »

✓ *EMC2* (Region Pays de la Loire) « EMC2 : Mechanical units & advanced composites »,

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European, National & Regional programmes all contribute :

- ▶ to the implementation of the ACARE's SRAgenda;
- ▶ to achieve the **best possible Global Efficiency** of European Research activities in order to Prepare a **Sustainable and Bright Future** for Aeronautics and Air Transport in Europe ...



*Thank you
for your attention
Questions ?*

