

AIRBUS France
START Toulouse
20/1/2005



AIRBU

Airbus Sites in Europe

French Airbus sites

Meaulte

- Cockpit structure
- Shells and small parts machining

St. Nazaire

- Fuselage sections
- Metal components

Nantes

- Structural assembly
(Center wing box, -600 Keel Beam)
- Large part machining

Toulouse

- ◆ *Engineering*
- FAL WB/LR, A320
- Pylons (St. Eloi)

Spanish Airbus sites

Getafe

- ◆ *Engineering*
- HTP FAL
- Composites

Illescas

- Composites

Puerto Real

- HTP assemblies

British Airbus sites

Broughton

- Wing
- Large part machining

Filton

- ◆ *Engineering*
- Wing assemblies
- Metal components

German Airbus sites

Hamburg

- ◆ *Engineering*
- FAL A318/A319/A321
- Fuselage Assembly

Stade

- VTP, CFRP bulkhead
- Composites

Buxtehude

- ◆ *Engineering*
- Cabin Systems
- Cabin Electronics

Varel

- Small+large Machining
- Jigs and tools

Bremen

- ◆ *Engineering*
- High-Lift Systems
- Small sheet metal

Nordenham

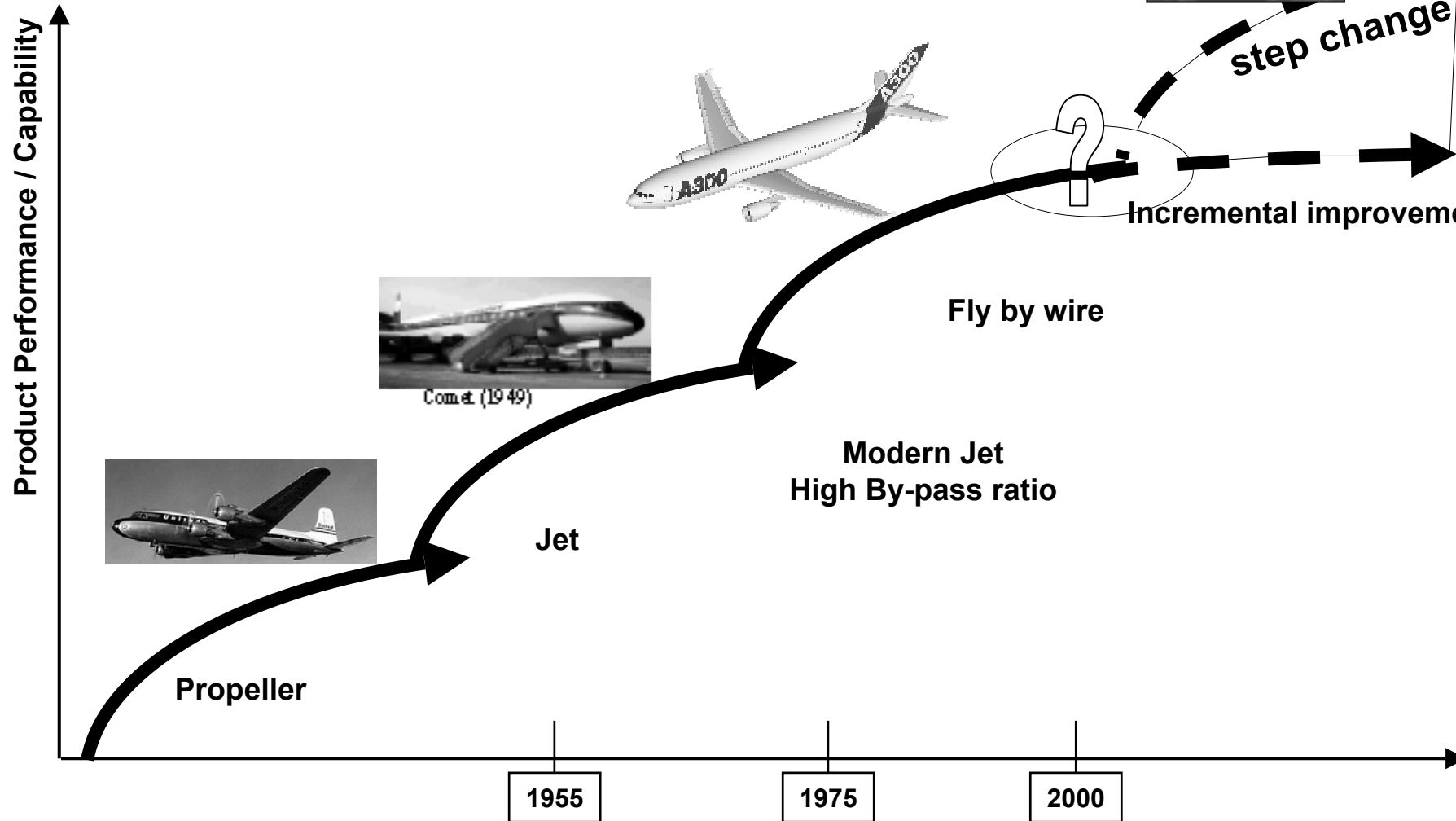
- Fuselage shells
- Large sheet metal

Laupheim

- Furnishing
- Air ducts

The Airbus is mainly engineered and produced in England, France, Germany and Spain.

R&T Strategy



... to protect incremental improvement and prepare step changes in technology and innovation

The aeronautics European R&T network

Industry Management Groups (IMG)

- IMG4 is an industrial body working within the framework of ASD. In particular IMG4 coordinates industry's position with regard to the EU R+TD Framework Programmes.
- IMG4 represents, through the Industry Management Groups (IMG), the European Aeronautics Industry.

**IMG4 comprises representation
from four groupings :**

Euromart IMG

Agusta
Alenia Aerospazio
Airbus UK
Airbus SP
Dassault Aviation
Airbus G
Airbus F
Eurocopter
SAAB AB
S.A.B.C.A.
GKN-Westland Helicopters

Engine IMG

SNECMA Moteurs
ROLLS-ROYCE
MTU Aero Engines
RRD
Turbomeca
ITP
AVIO
Volvo Aero
Techspace Aero
Alstom
Walter

Equipment IMG

Galileo Avionica	Auxitrol
BAE systems avionics	Cesa
Diehl avionik system	Dräger AG
Hellenic Aerospace Ind.	Fokker-Elmo
Liebherr-Aerospace	Sagem
Lindenberg GmbH	Marconi
Messier-Dowty Ltd	Messier-
Bugatti	
Smiths Industries	Nord-micro
TRW-Lucas aerospace Ltd	Skysoft
Thales avionics	
Thales avionics electronic systems	
ZF Luftfahrttechnik GmbH	

ATM - IMG

AMS	Airbus
Thales ATM	Avitech
Thales Avionics	Indra
Bae Systems	
Galiléo avionica	
Alcatel Space	
Noesis (Danotec)	
Marconi Selenia Communicati	
Helenic Aerospace Industry	
Raytheon	
Dassault Aviation	
Eurocopter	

- **ARG**
 - sub-group of EREA (association of European Research Establishments in Aeronautics)
 - dealing with framework Programme matters
 - coordination with IMG4
- **AeroSME**
 - helping SMEs to participate to FP projects
 - strong link with IMG4
 - EC funded
- **EASN**
 - European Aeronautic Science Network (Universities)
- **And more ...**

Airbus France FP6 call 1 Aeronautics

IP / STREP	Acronym	CONTRACTUAL NAME	EU Project Coordinator
IP	OPTIMAL	Optimized Procedures and Techniques for Improvement of Approach and Landing	AI-F
	SAFE	Security of Aircraft operation	Sagem
	TATEM	Technologies and techniques for new maintenance concepts	SMITHS
	VIVACE	Virtual product within Virtual Enterprise	AI-CE
STREP	DINAMIT	Thermoplastics New Materials, Automatic Processes and Application	EADS-CRC
	ECOSHAPE	Economic Advanced Shaping Processes for Integral Structures	EADS-CRC
	EUROLIFT II	European High Lift follow-on Program	DLR
	ISAAC	Enhanced Safety Assessment for complex Systems/Methods and Tools for Engineering and Certification	Alenia
	MESSIAEN	Methods for the Efficient Simulation of Aircraft Engine Noise	Free Field Technology
	REMF	Rear fuselage & Empenage Flow Investigation	AIRBUS Sp
	SIRENA	External EMC simulation for radio electric systems, in the close environment of aircraft	OKTAL

Airbus France FP6 call 2 Aeronautics

IP / STREP	Acronym	CONTRACTUAL NAME	EU Project Coordinator
IP	ALCAS	Advanced Low Cost Airframe Structures	Ai UK
	ANASTASIA	Airborne Comm&Nav Satellite Technologies and Techniques in A System Integrated Approach	Thalès
	FLYSAFE	Airborne Integrated Systems for safety improvement, flight hazard protection and all weather operations	Thalès
	NACRE	New Aircraft Concept research	Airbus Central
	VITAL	Env Friendly Aeroengine	SNECMA
STREP	MUSCA	Virtual Static Testing of large scale Metallic structures	EADS CCR-F
	FLIRET	Flight reynolds number testing	Airbus D
	TURNEX	Turbo machinery Noise Radiation through the engine exhaust	ISVR

Airbus in FP6 call 3 Aeronautics

- Airbus, through IMG4 proposed a list of topics for FP6 and made Expression of Interest (EOI) for the following Integrated Project (IP) for FP6 call3:
 - ▶ More Open Electrical Technologies (MOET)
 - Point of contact: Etienne FOCH
 - ▶ e-Enabled CABin and Cargo for Optimised Crew Operation and Advanced Passenger Services (E-CAB, re-submission of ADCAB)

List of EOI available on [EC cordis.lu](http://ec.cordis.lu)

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AIRBUS

**AN EADS JOINT COMPANY
WITH BAE SYSTEMS**