



Latin America - EU Cooperation in Aeronautics and Air Transport Research

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- 1. Aerospace R&D: Background on EU-Latin Cooperation
- 2. The CoopAir Project
- 3. Experience and Way Forward
  - Latin American Integrator (by Embraer)
  - European Integrator (by EADS IW)



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### 1. Background on cooperation in Aerospace R&D <=>

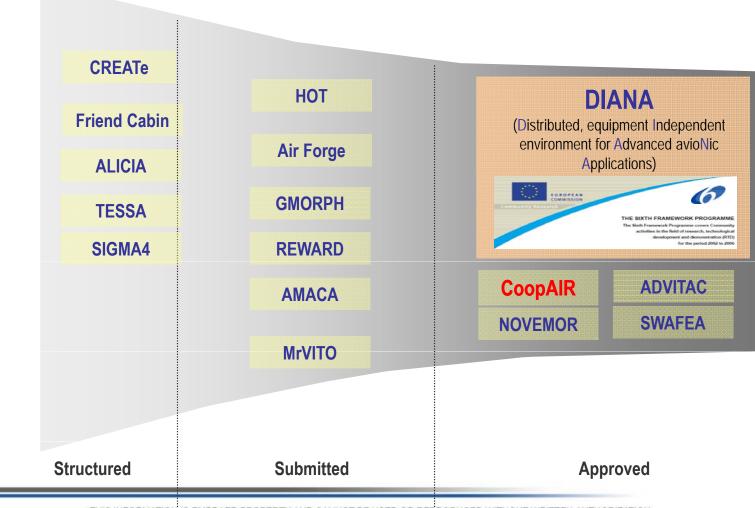




- Max Holste support (1965-1969)
- Training and Serial production
- Fly-by-Wire and jet technologies
- Risk-sharing partnerships

### 1. Background on cooperation in Aerospace R&D <= MBRAER

#### Example: Embraer's Experience in FP



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### 1. Background on cooperation in Aerospace R&D <= MBRAER



Research on new materials for aircraft interiors with less environmental impact, and considering the social and economic aspects along the life-cycle





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# 2. The CoopAir Project: Goals



To establish a solid base for cooperation between the EU and Latin America in aerospace R&D

#### Short-term goal:

• To increase the participation in FP7 calls of partners from Brazil, Argentina, Mexico and Chile

### Medium to Long-term goal:

• To promote tools that facilitates a continuous cooperation between EU and Latin America in this particular field

### **Companies • Universities • R&D Institutes • Policy-Makers**

# 2. The CoopAir Project: Consortium

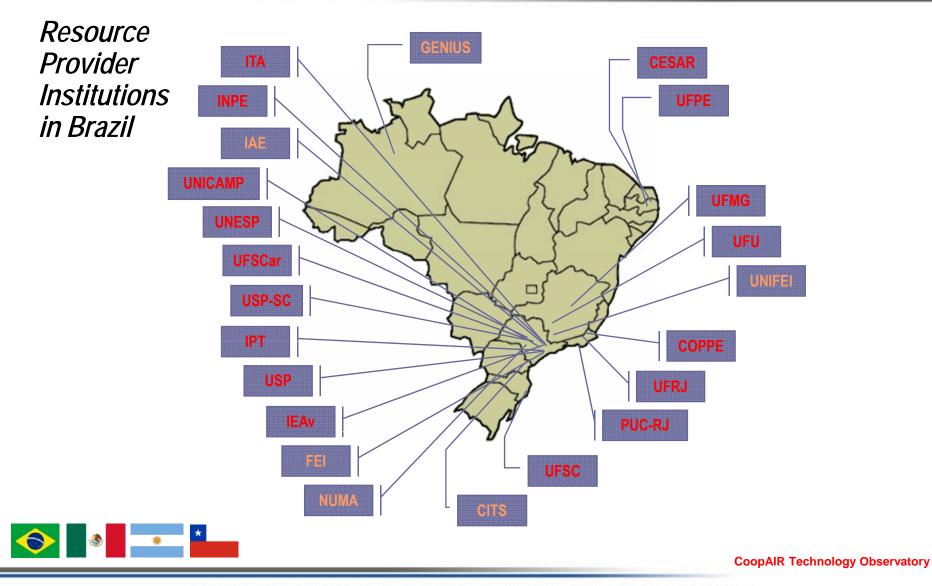




- INTA, Instituto Nacional de Técnica Aerospacial (Spain)
- ISDEFE, Ingeniería y Servicios para la Defensa (Spain)
- Universidade Politécnica de Madrid
- Airbus (France)
- Embraer (Brazil)
- Skysoft (Portugal)
- ILOT, Polish Aviation Institute
- Ministerio de Ciencia, Tecnología e Innovación Productiva (Argentina)
- CONACYT, Consejo Nacional de Ciencia y Tecnología (Mexico)

### 2. The CoopAir Project: Activities





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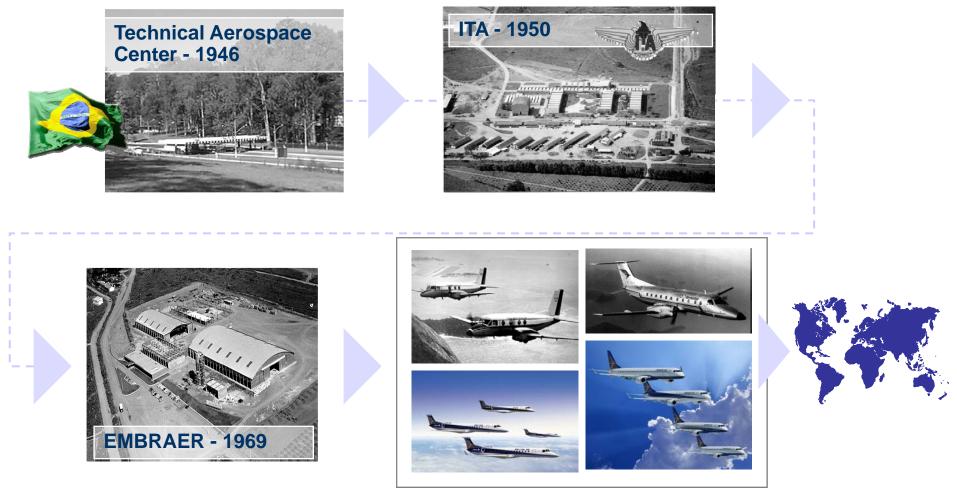


2. The CoopAir Project: Conclusions			ns	<b>EMBRAER</b>	
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	Flight dynamics and control	•	-		
	Avionics			•	
	Advanced Materials			•	
	Biofuels		-		July -
	Propulsion			-	- Net
	Aerostructures			•	
	Noise and Vibration		-		
	ATM				

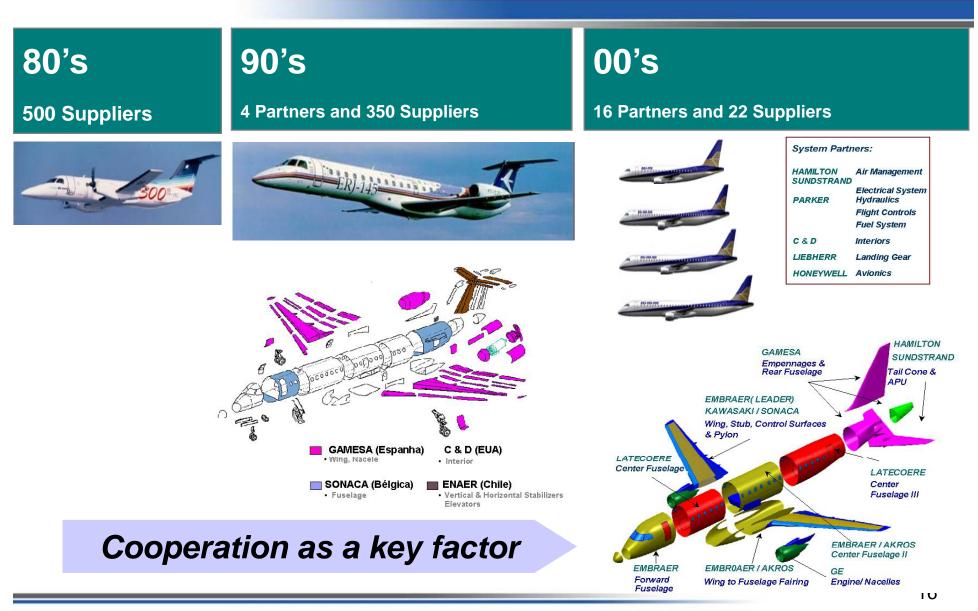


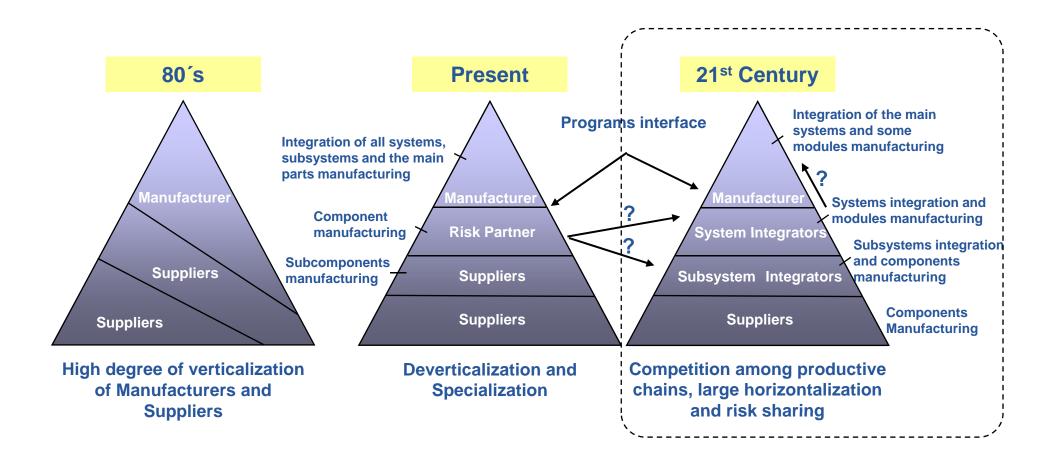
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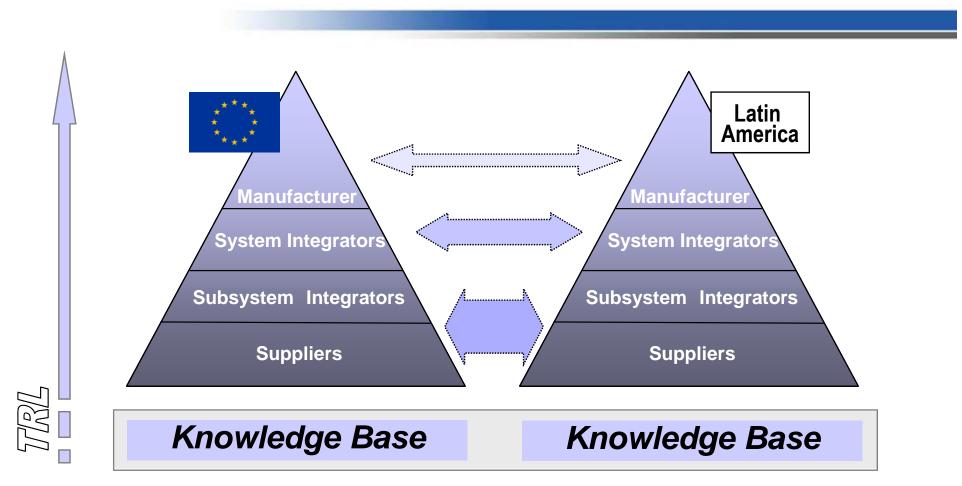








*<b>EMBRAER* 



Increase cooperation to reinforce the benefits arriving from the complementary of competencies

# 3. Experience and Way Forward: Évora





- Two greenfield, state-of-the-art facilities
- Opportunity to engage in R&D projects in the respective fields (National and EU)



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