

Barcelona Airport Region

Business Cooperation and New Training Needs in the Aerospace Industry

Stockholm, June 14th. 2007

AER.CAT PROJECT: LOCATION

Aer.cat located near the Airport, the Port and the City



AER.CAT PROJECT: LOCATION



- 55 Ha.
- Near Barcelona Airport
- Near Barcelona City
- Access to the motorway network
- Access to the railway network

AER.CAT PROJECT: TWO STUDIES FOR A NEW AEROSPACE PARK

I. Aer.cat Project: feasibility

II. Aer.cat Project: new training needs and employment opportunities

I.- AER.CAT PROJECT FEASIBILITY

- **A survey involving 17 companies (almost 1 in 2 of the target)**
 - Park infrastructure requirements
 - Lease / ownership preferences and pricing
 - Cost of moving from present sites

- **Analysis of competing locations**
 - Size of other Parks
 - Plot sizes
 - Prices

I.- AER.CAT PROJECT: INDUSTRIAL POLICY RECOMMENDATIONS

- **Defining regional goals for aerospace industry**
- **Stimulating geographic concentration**
- **Enhancing the performance of Industry**
- **Readjusting Industry and Public organizations for the operational phase**

I.- AER.CAT PROJECT: BUSINESS CO-OPERATION OPPORTUNITIES

- **BCN Airport Region Aerospace Industry is eager about cooperating with other companies from anywhere in the World**
- **The Aerospace Park is going to carry out a Marketing Plan in 2008**
- **At present the Aerospace Park is participating in Le Bourget and other actions performed by BAIE and the BCCI**

II.- AER.CAT PROJECT: NEW TRAINING NEEDS AND EMPLOYMENT OPPORTUNITIES

- **Assessing demand for training**
- **The supply side: present training capacity in the region**
- **Filling the gap: some recommendations**

II.- AER.CAT PROJECT: TRAINING DEMAND

- **Survey about the needs of aerospace companies in the BCN Airport Region**
 - Companies contacted: 30 (the whole lot in Catalonia)
 - Sample size: 15 companies (50 %)
 - Main industrial capabilities of these companies:
 - Systems Engineering
 - Calculation and analysis of structures
 - Authomatisation systems
 - Electronics

II.- AER.CAT PROJECT: TRAINING DEMAND

- **Current labour force**

- All employees in the range of 25 – 40 years
- Experience: mainly in management and project management
- Education:
 - High level initial education
 - Training on technical subjects
- Salaries: 30.000 – 50.000 €/ year
- Contracts: mainly long life contracts
- Gender: 82 % men; 18 % women

II.- AER.CAT PROJECT: TRAINING DEMAND

- **Professional Profiles identified**

- Operation Management: 9 profiles
- Quality / Safety: 1 profile
- Procurement: 1 profile
- Production / Assembly: 3 profiles

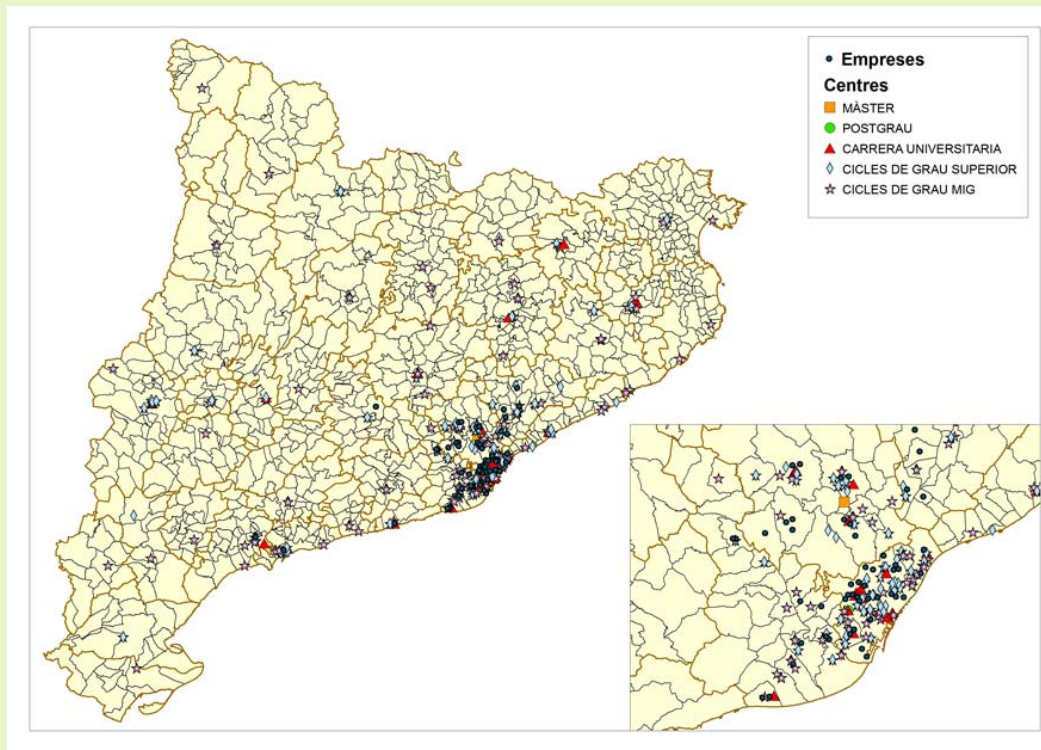
II.- AER.CAT PROJECT: TRAINING DEMAND

- **Identified training needs**

- Software: Catia
- Design
- Manufacturing and assembling space and aeronautical units
- Commercial skills
- Languages (mainly Technical English and French)
- Teams and project management
- General knowledge of Aeronautical Industry

II.- AER.CAT PROJECT: DEMAND AND SUPPLY FOR TRAINING

- **Main Catalan Aerospace Industry and Education-Training Programmes**



II.- AER.CAT PROJECT: FILLING THE TRAINING GAP

- **Initial education (pre-working level)**
 - Seminars for students, to motivate them to follow an Aerospace career
- **Specialized training (in company)**
 - Cross-fertilization Workshops
 - Use more “real case studies”
- **Advanced training (in company)**
 - Provide companies with updating training sessions
 - Training on industry expectations, new public initiatives,...

II.- AER.CAT PROJECT: FILLING THE TRAINING GAP

Seminars and Stages

- Seminars with Airbus, EADS, CASA and specialists from other clusters, in a University environment
- Technical stages abroad

Stimulate Business to University relationships, at an international level

Use the high level Technical and Business Schools in the region to organize some Courses on a University to University cooperation



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