

Extension of Hall 3

TOULOUSE BLAGNAC AIRPORT [Blagnac]



CONTRACTING OWNER // *Aéroport de Toulouse Blagnac (A.T.B) [31]*



PROJECT MANAGEMENT

■ BET : OTCE

Project management

MOP Base - Project coordination

Synthesis of the execution of all the packages

SSI coordination

Structure/Shell construction

Specific foundations

Metallic roofing/Roofing/Waterproofing

High and low power

Fluids/Plumbing

Fire security - Security - air conditioning

Mechanical doors

■ ARCHITECT :

Cardete & Huet

OPERATIONS

Extension of the Toulouse Blagnac airport in the aim to double the capacity from 6 to 12 million passengers a year .

Creation of an integrated studies office in the airport with all the members of the project management (architects - engineers) :

■ DURING THE STUDIES PHASE :
(APS to PRO/DCE) sharing resources,

■ DURING THE CONSTRUCTION PHASE (means and organisation with 2 platforms) :

- Construction management,
- Synthesis of execution studies group.

- 2 HT/BT 2 x 1000 KVA plants linked up to the EDF and internal airport network,
- High volume lighting and interior wall lighting by LEDs,
- High volume air conditioning with high speed network,
- Automatic doors management,
- Telescopic footbridges,
- 10 elevators, 2 panoramic 2000kg et 2 3500kg,
- 6 escalators et 6 40m moving walkways,
- Fire security services, technical packages,
- VDI computer equipment, Category 6-Class E,
- 160 – 80 kVa undulatory current. 500 kVa generator.

SOME FIGURES

■ AMOUNT :

- 70M€ HT

■ AREA :

- 34 000 m²

■ CALENDAR :

- Studies : 2003-2005
- Construction : 2006-2009

SPECIFICITIES

- Creation of underground floors with special foundations and cast wall because to adapt to the presence of groundwater,
- Architectonic concrete facade made on the site with heavy prefabrication ,
- Great volume building of 36m span,
- 36m metallic framework,
- Framework of the glass facades 15m high (mastering of bending),
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