

## Barajas Airport

In architectural terms they designed a wonderful building that makes an impact on everybody and created a truly functional and efficient airport that facilitates the flow of passengers through the building

Jose Manuel Hesse Martin, Plan Barajas Director

Pedestrian circulation to and from the parking area is

concentrated along the face of the parking structure,

creating an animated facade opposite the terminal. The

weight to public and private transport. The arrivals and

layout of the arrivals hall creates clear and separate routes

to the various modes of ground transportation, giving equal

departures forecourts as well as the train and metro station

are covered by a standard module of the roof, which thereby encompasses the entire sequence of activities from drop-off

Environmental measures, aimed at significantly reducing

## Place Madrid Airport, Spain

Date 1997-2005

Client AENA

Cost £448 million

Areas: Total 1.158.000 m<sup>2</sup>

**New Terminal Building** 470.000 m<sup>2</sup>

Satellite 315.000 m<sup>2</sup>

**Structural Engineer** Anthony Hunt Associates/ TPS with OTEP/HCA

## **Co-Architects** Estudio Lamela

**Lighting Consultant** Arup/Speirs and Major Associates

**Façade Engineer** Arup

Landscape Architect dosAdos

**Main Contractor** Terminal UTE; Satellite UTE; parking; DRAGADOS; manutention bagages Siemens Dematic

The terminal, which is the biggest in Spain, was commissioned to enable Barajas International Airport to compete with major hub airports within Europe. The core building comprises a sequence of parallel spaces separated by a linear block allowing daylight to penetrate deep into the interior. The same form is applied to the satellite, which is comprised of two linear blocks, one for passport control and the other containing the gates.

The bamboo linear roof structure is connected above by a chain of roof lights, permitting maximum flexibility in the arrangement of accommodation on each of the floors. This enables the building to be expanded in phases. The new terminal has a metro, rail station and landside transit link to the existing terminals as well as a transit system linking the core terminal with the satellite.

## Awards

2008 Airport Council International Award for Best **European Airport** 

**RIBA Stirling Prize** 

Istructe Award for Commercial or Retail Structures

AIA/UK Excellence in Design Award 2006 **RIBA European Award** 

2005 **RIBA Airport Award** 

to departure gate.

