

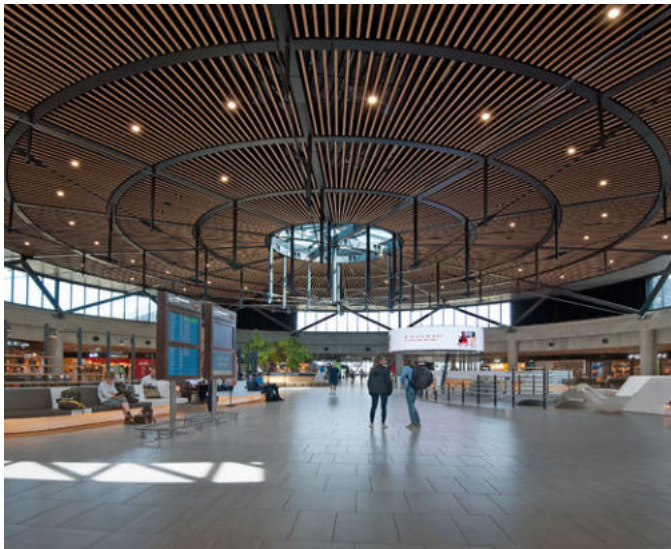


Lyon-Saint Exupéry Airport, Terminal 1

Lyon , France

The existing airport campus has a very distinctive structural and architectural language in both form and colour. This 'DNA' determines the character of the new proposal

Graham Stirk, Senior Design Partner at RSHP



Location
Lyon, France

Date
2013 -2018

Client
Aéroports de Lyon

Total Project Cost
€180 million

Total Area
70,000m²

Co-Architect
Chabanne & Partenaires

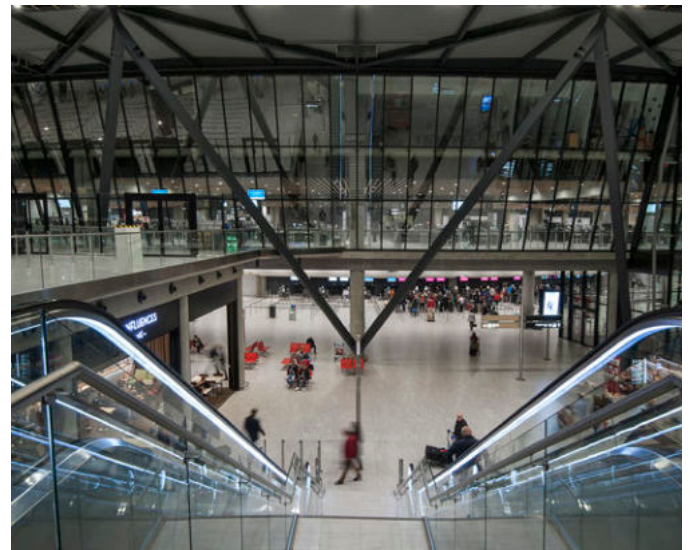
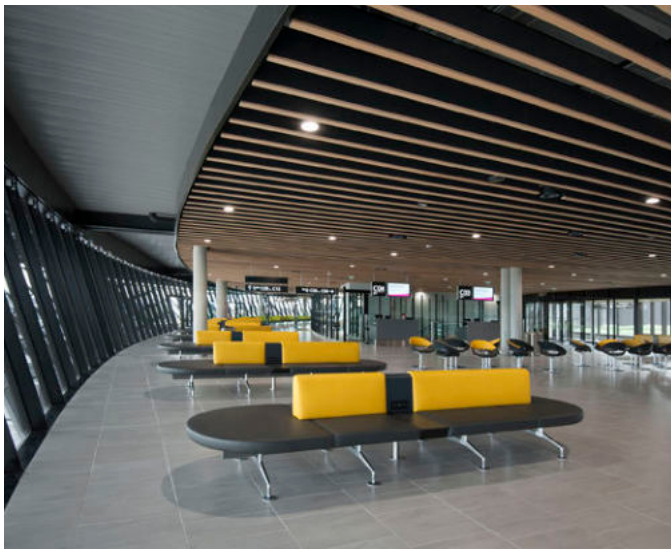
Structural Engineer
Bouygues Bâtiment Sud Est

Mechanical Engineer
WPS

Electrical Engineer
CAP Ingelec

Principal Contractor
Bouygues Bâtiment Sud Est

Sustainability Consultant
Inddigo



The brief for the project was challenging: extend a distinctive group of heterogeneous existing terminal buildings to provide additional stands and improved passenger facilities. It was important that the proposals should create a new identity for the airport yet respect the original architecture and complement the nearby TGV train station, designed by Santiago Calatrava.

Rogers Stirk Harbour + Partners' (RSH) competition winning solution is a circular building made up of bold, simple and elegant structural elements which completes and gives a new focus to the existing airport, whilst offering future flexibility, adaptability and potential for growth. Through a phased development, the proposal nearly doubles the airport amenities, enabling it to welcome an additional five million passengers annually.

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Connecting directly to the existing terminal 1, the curved geometry of the existing terminal is extended into a new circular building which houses a spacious and clearly defined new entrance, all passenger processing functions as well as a large retail zone and hanging garden at its centre, enriching the travelling experience for both departing and arriving travellers.

The angled facade allows passengers to take advantage of natural light and views over landscaped gardens and the airfield, whilst providing solar shading and protecting against solar gain. A modular approach to the design and construction of the building responds to important economic constraints of the brief whilst also harnessing the speed and quality of assembly inherent in offsite construction techniques.