



# 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**  
70,000m<sup>2</sup>

**Co-Architect**  
Chabanne & Partenaires

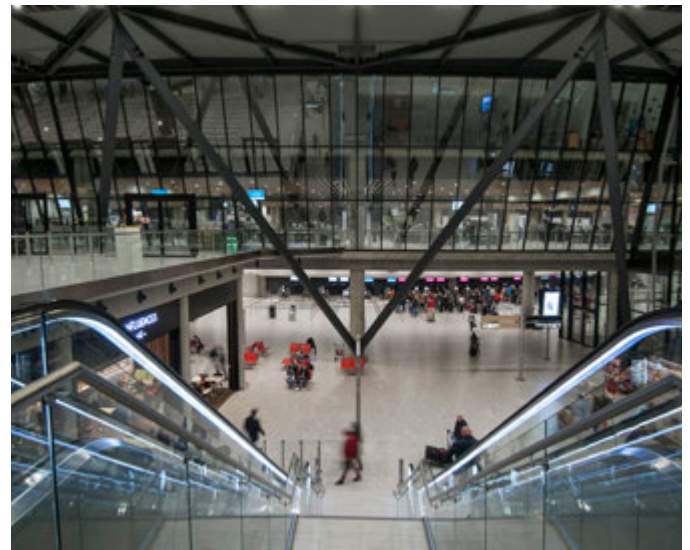
**Structural Engineer**  
Bouygues Bâtiment Sud Est

**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.

RSHP's 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.

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.

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.