

## **ADPI wins a competition in China for the new terminal at Haikou Meilan International Airport**

On 6 July, ADPI (Aéroports de Paris Ingénierie), a subsidiary of Aéroports de Paris, was officially declared the winner of an international competition to design a new terminal at Haikou Meilan airport, located on Hainan Island, one of the most Southern parts of China.

The competition, organised by Hainan Meilan International Airport Company (airport operator and subsidiary of the HNA Group, a large air transport company which has branched out into tourism, airport services and management) called for the highest levels of architecture and engineering.

ADPI was able to beat off its prestigious competitors: Landrum & Brown, East China Architectural Design and Research Institute, Guangdong province Design Institute, Wilkinson or even BIAD (the largest Design office in China).



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### **To Guillaume Sauv , Pr sident and CEO of ADPI :**

*« This success proves ADPI's know-how in terms of airport design. Thanks to the high quality and original design put forward, ADPI made the difference in this competition, which brought together some of the biggest names in airport architecture. This is another important step in our development in China following the contract for the expansion of Chongqing airport, secured in 2011 »*



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### **The context**

In 2011, Terminal 1 of Haikou Meilan airport handled almost 9 million passengers for a total capacity of 12 million passengers.

Given the significant increase in air traffic expected at Haikou, the terminal will soon be saturated.

Consequently, in agreement with the Chinese authorities, the airport management decided to launch a competition for the design of a second terminal (Terminal 2), located opposite Terminal 1.

This new terminal should open by 2020.

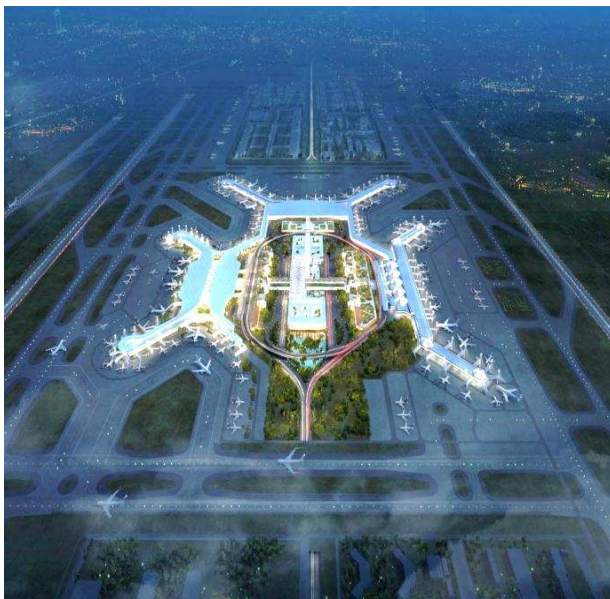
The competitors also had to devise a Master Plan describing the ultimate development opportunities of the airport; that is, with the addition of a third terminal to bring the airport total capacity to 62 million passengers by 2040.

### **Strict specifications**

The new terminal's design had to integrate the following features :

- Capacity to handle 18 million passengers.
- Authorised surface area: 250,000 to 290,000 m<sup>2</sup>.
- Distribution of traffic: 88% domestic, 12% international.
- Hourly peak: 6,589 passengers.

### **An original idea giving priority to compactness**



ADPI teams chose to fully exploit the site's geographical and topographical constraints by working on the idea of compactness.

Indeed, on Hainan Island, where the beautiful landscape is protected and visited by multitudes of tourists, space is a scarce commodity.

By adopting an X shape, the new terminal offers a very high level of functional and aeronautical quality for its size.

This terminal was also designed with the aim of reducing passenger travel times by facilitating circulation whether on arrival or at departure, and at the same time minimising construction and operation costs for the operator.

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The compactness created by grouping retail areas allows shops and restaurants to optimise commercial returns and ensures fluid circulation of planes for the airlines.



This new terminal will therefore meet a dual requirement: to put the passenger's comfort and experience at the centre of the design and to create value for the operator.

It will give a new dimension to the terminal area, designed both as a highly efficient hub but also as a real urban centre.

With indoor and outdoor spaces for all users, this new airport must assert itself as a recognised international reference and as one of the main gateways into Southern China.

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### More information on Haikou, Hainan

With a population of 2 million inhabitants, Haikou is the administrative capital of the island province Hainan, and is located on the far southern point of China.



Hainan Island enjoys a tropical climate and is blessed with fine sandy beaches which stretch for miles. Over the past ten years, it has become a highly sought-after holiday spot for Chinese billionaires and an El Dorado for the tourist industry, with more than 22 million visitors per year. This figure will continue to grow given that the central government wants to make Hainan Island a renowned tourist destination on an international level by 2020.

Hainan also has a second airport in the South of the island, called Sanya Phoenix.





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### **ADPI in China**

Since July 2011, ADPI has had a site in China. The company currently takes part in prestigious calls for offers, such as the tender for a new terminal at Beijing airport.

Outside the airport industry ADPI also works on urban planning projects, such as the Chang An Jie Avenue in Beijing and the Southern axis starting at Tiananmen Square.

### **Find out more about ADPI**

ADPI is a wholly-owned subsidiary of Aéroports de Paris, and a French engineering design company which operates worldwide on architectural and major infrastructure projects, including airports and urban planning, as well as complex construction projects such as airports, stadiums, high-rise towers and theatres.

ADPI also provides its services as a Consultant, Project Manager or Assistant Project Manager. ADPI teams are involved in projects, from initial design and engineering through to commissioning.

ADPI brings together a team of skilled engineers, architects, design specialists and construction supervisors to deliver services that combine realism with creativity.

Created in 2000, ADPI is currently engaged in more than 100 projects worldwide. The company reported a total revenue of €74 million for 2011.

Find out more about ADPI at [www.adp-i.com](http://www.adp-i.com)

Press release

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Aéroports de Paris

Registered office: 291, boulevard Raspail, 75014 Paris

A French limited company (Société Anonyme) with share capital of €296,881,806

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Aéroports de Paris builds, develops and manages airports including Paris-Charles de Gaulle, Paris-Orly and Paris-Le Bourget. In 2011, Aéroports de Paris handled more than 88 million passengers and almost 2.5 million tons of freight and mail in Paris and 40 million passengers in airports abroad.

With an exceptional geographic location and a major catchment area, the Group is pursuing its strategy of adapting and modernizing its terminal facilities and upgrading quality of services, and also intends to develop its retail and real estate business. In 2011, the group revenue stood at €2,502 million and the net income at €348 million.

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