

Paris, 4th June 2009

ADPI, a subsidiary of Aéroports de Paris, is behind the architecture of the extension to Terminal 1 at Dublin airport

A design that seems to extend the Irish sky

The Terminal 1 extension at Dublin international airport, known as T1X, has opened its doors. This is yet another project by ADPI, a subsidiary of the Aéroports de Paris Group, who led the architectural design work and coordinated the construction of this extension. It is the originality of the building design proposed by ADPI that caught the attention of the Irish authorities.

- **A raised extension set on pillars**

ADPI conceived an unusual project, which extends the building's three levels.

The two upper levels of Terminal 1 X, dedicated to passenger departures, are set on a metallic structure supported by pillars. This design frees up the space below the building and facilitates the movement of support vehicles on the tarmac.

This new building is centred around a 2-level shopping area (including a mezzanine) bringing together cafés, restaurants, shops and rest areas. This shopping area is an extension of the existing Terminal 1 shops and has impressive views over the aircraft areas and runways.

Arriving passengers pass through a new arrivals lounge at tarmac level, which leads directly to the baggage reclaim areas.

- **A facade depicting clouds, a nod to the Irish climate and air travel**

- **T1X exterior**

Facade design is the result of both a functional and aesthetic approach. As a matter of fact, certain areas (restaurants, rest areas) require more intense natural light than others. ADPI thus created a facade whose transparency and opacity varies as a function of the type of area.



Photo Anew McKnight

Furthermore, the facades are constructed in the same way as **curtain walls**¹ and are covered by printing that evens out the variations of transparency and opacity. The blue-tinted glazing adds a colourful note in the midst of the other buildings.

Seen from the outside, **cloud shapes** can be distinguished on the facade, a reference to both the Irish sky and air travel. Furthermore, the building, which is supported by two pillars, gives the impression of floating above the technical areas.

¹ Curtain walls (also called curtain facades) are a type of lightweight facade. It is a facade wall that ensures the closure of building's envelope without contributing to its stability (loads being transmitted to the main foundations via connections to the building's floor or pillars). The panes are thus secured, floor by floor, to a fixed skeleton.



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- T1X interior

For the interior of the new extension, ADPI chose to prolong the structural elements of the existing terminal building using exposed lattice girders².

The lightness of the curtain wall and the mezzanine's glass balustrading, the aluminium-profile roofing and the ceramic flooring accentuate the impression of **space, light and modernity**.

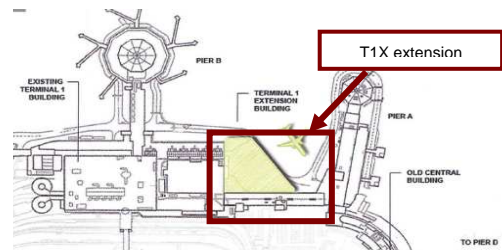


Photo Anew McKnight

In 2008, 21 million passengers used Dublin airport. It has benefited from an annual growth in passenger traffic of more than 10% over the last 10 years.

In May 2006, ADPI won the call for tender for the extension of Terminal 1 at Dublin airport, in partnership with RPS, CH2Mhill and Broadway Malyan.

Key project data	
Client	Dublin Airport Authority
Terminal 1 capacity	21 million passengers/year
Extension area	7,000 m ²
Opening	May 2009



Design:

Project architects and agents: ADPI *Architectes et Ingénieurs*

- Susan Dunne, principal architect

Partners:

- Structure and management: RPS
- Air conditioning and plumbing: CH2MHill
- Interior design: Broadway Malyan
- Details and Construction: McNamara with MOLA architects, O'Connor Sutton Cronnin, and IN2 Engineers

ADPI, established in 2000, is a subsidiary of Aéroports de Paris Group. It provides design, architecture and engineering services as well as project management support. Patrice Hardel is ADPI's Chairman of the Board and Alain Le Pajolec is ADPI's CEO.

www.adp-i.com

² Girder formed by inter-hinged elements forming a triangulated structure.

www.aeroportsdeparis.fr

Press contact: Jérôme Dutrieux - +33 1 43 35 70 70 – Analysts / Investors Relations: Charlotte Guyot- +33 1 43 35 70 58

Aéroports de Paris builds, develops and manages airports including Paris-Charles de Gaulle, Paris-Orly and Paris-Le Bourget. Aéroports de Paris is Europe's second-largest airport services group in terms of airport revenues and the European leader for cargo and mail. Aéroports de Paris accommodates nearly 460 airlines, including the main companies in the air transport industry.

With an exceptional geographic location and a major trading area, the Group is pursuing its strategy of modernizing its terminal facilities and upgrading quality of services, and also intends to develop its retail and real estate business. In 2008, Aéroports de Paris Group had revenues of €2,527 million, and the company handled 87.1 million passengers.