



AÉROPORTS DE PARIS

The world is our guest

22 May 2013

**The new departure lounge
at Paris-Charles de Gaulle, Gate M,
1st airport building given HQE® certification by Certivéa**

Gate M, the new Terminal 2E departure lounge at Paris-Charles de Gaulle Airport which opened in June 2012, has just obtained the HQE® Tertiary Buildings certificate, awarded by Certivéa, a subsidiary of the Scientific and Technical Building Centre. It is the first airport building in France to have obtained this high quality environmental certificate.

Certivéa, a subsidiary of the Scientific and Technical Building Centre, rewarded this building's reduced environmental impact in four areas: energy, environment, health and comfort. The building obtained the *HQE Excellent* level for all of these criteria. The various stages in the life of the building and its users were taken into consideration with regard to these HQE criteria, from the design phase through to when it was put into operation.

"From the beginning, Aéroports de Paris has taken a stringent environmental approach in its work so that this building is exemplary in terms of performance. That is why the building's overall energy performance is on average about 30% better than the other terminals. That represents a saving of 3,000 tonnes of CO₂ per year, or the equivalent of emissions from a car travelling around the world 500 times," said Didier Hamon, Environment and Sustainability Director.

In order to reach a level of low environmental impact, this 100,000 m² building, the showcase of our environmental expertise, uses several systems, the main ones being as follows:

Energy is produced by a thermorefrigerating pump, a high performance system which can be used simultaneously for heating and cooling very efficiently using electricity. This installation generates a saving of 10,000 MWh per year of gas for heating, and 10,000 m³ of water.

Air-conditioning systems distributed in the departure areas are supplied by 45 air handling units with energy-recovery wheels or using the *free cooling* system. By using the displacement ventilation cooling system, the temperature is only controlled in the first two metres above the floor. This provides maximum comfort in really busy areas, with an energy reduction for fresh air circulation. These systems reduce the building's energy consumption by another 1,000 MWh per year.

The innovative envelope of the building and the large glass surfaces were chosen for their insulation and UV filtration qualities.

Finally, the building has underfloor heating, a network of tubing embedded in screed, which disperses gentle heat for a warm, comfortable feeling.

Aéroports de Paris builds and renovates its buildings in compliance with a stringent process which follows the high quality environmental regulations (HQE®) and the low energy

Press release



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consumption building regulations (BBC). For a number of years, different types of buildings have been designed to comply with reducing environmental impacts.

Therefore, as regards air terminals, as early as 2008, Terminal 2G was used as a pilot project, providing feedback which could then be integrated in the early stages of the Satellite S4 (Gate M) building project, resulting in its certification.

Furthermore, apart from this iconic structure, other operations were also given HQE® certification in 2012:

The GB3 freight station: with its 13,500 m² of warehouses and 4,300m² of offices, this building takes and improves upon the model of the GB2 freight station which contributed to drawing up the specific frames of reference for logistical warehouses.

The 13,000 m² Altaï office building, which co-investors Aéroports de Paris and Schiphol Real Estate took delivery of last October, has NF HQE® Tertiary Buildings certification and has high energy performance facilities. It received the HQE "Excellent" level and obtained the BBC-effinergie® label.

Press release

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Aéroports de Paris builds, develops and manages airports including Paris-Charles de Gaulle, Paris-Orly and Paris-Le Bourget. In 2012, nearly 89 million passengers passed through the Paris airports, which handled 2.3 million tonnes of freight and mail. Aéroports de Paris and its partner, TAV Airports, benchmark airport operator in Turkey, directly and indirectly manage 37 airports in the world for a total of about 200 million passengers.

Thanks to the attractiveness of Paris and its international position, the Group is pursuing its strategy of adapting and modernising its terminal facilities, upgrading quality of services, and also diversifying its sources of income thanks to retail and real estate business. In 2012, the group revenue stood at €2,640 million and the net income at €341 million.

Registered office: 291, boulevard Raspail, 75014 Paris, France. A public limited company (Société Anonyme) with share capital of €296,881,806. 552 016 628 RCS Paris