

Schiphol's CO₂ efforts recognised by *Airport Carbon Accreditation* *Significant acknowledgement of CO₂ emissions reduction at the airport*

Press release

Amsterdam Airport Schiphol, 4 April 2011

Amsterdam Airport Schiphol has become certified by *Airport Carbon Accreditation* for the reduction of CO₂ at the airport in 2009. This is a significant acknowledgement of Amsterdam Airport Schiphol's efforts to reduce CO₂ emissions at the airport. Vice President and COO of Schiphol Group Ad Rutten received the accreditation certificate on Wednesday 30 March from Olivier Jankovec, Director-General of ACI Europe (Airports Council International).

Ad Rutten: 'We are very pleased to become *Airport Carbon Accredited* at the 'Optimisation' level. This means that we at Amsterdam Airport Schiphol have achieved a reduction in our CO₂ emissions, but also that we have succeeded in engaging other relevant parties at the airport, including airlines and handling companies, in reducing their own CO₂. A prime example of this is our collaborative effort to reduce the taxi times of aircraft.'

Airport Carbon Accreditation

Airport Carbon Accreditation is the independent and institutionally-endorsed standardisation for carbon management at airports. Accreditation is awarded at four levels: mapping (level 1), reduction (level 2), optimisation (level 3) and neutrality (level 3+) of CO₂ emissions.

Amsterdam Airport Schiphol is one of the 43 airports in Europe to have been awarded *Airport Carbon Accreditation* at various levels. Accredited airports handle over 44% of European passenger traffic. The certified reduction achieved by Schiphol amounts to approximately 130,000 tonnes of CO₂ in 2009.

For more information, please visit www.airportcarbonaccreditation.org.

Corporate Responsibility

Corporate Responsibility forms an integral part of the Schiphol Group's strategy, to which end numerous initiatives are taken and which places a central focus on safety, the environment and the surrounding region. The Energy Strategy 2020 programme sets out Amsterdam Airport Schiphol's targets in terms of responsible energy use and the reduction of fossil fuel consumption. This will be achieved by means of five different initiatives: creating an efficient energy management system, stimulating third parties at the airport to do the same, producing and storing sustainable energy on-site, applying IT to learn more about energy usage patterns, and increasing the level of awareness amongst Schiphol staff. Amsterdam Airport Schiphol intends to be CO₂ neutral by 2012 with respect to the activities of the Aviation, Consumers and Real Estate business areas at the Schiphol location.

To this end it has developed a step-by-step plan to achieve a maximum reduction in CO₂ emissions. Amongst other things, the airport plans to cut energy and fuel consumption, use the necessary energy and fuel more efficiently, use sustainable energy and fuel and, last but not least, compensate for its consumption.

The CO₂ emissions figures reported for Amsterdam Airport Schiphol can be attributed in part to its green energy use and CO₂ emissions compensation for business trips made by plane. Business trips made with AirFrance-KLM are compensated by the KLM CO₂ compensation service; trips made with other airlines are compensated by Climate Neutral Group. At the end of 2010, Schiphol Group issued a tender for the purchase of 20 electric vehicles, to be deployed in airport operations.

With a 2.2% reduction, the 2010 energy efficiency target was met. A total of 122 efficiency measures were introduced representing a total conservation of over 44.6 TeraJoules; this does not include sustainably generated energy. This saving is comparable to the annual electricity consumption of approximately 1,450 households. The savings were realised by means of intelligent switching (reducing or switching off lighting or ventilation), the use of energy-efficient ventilation pumps and cooling units when replacing or renovating old equipment, and energy-efficient lighting. As LED lighting uses 40% to 50% less energy, it is being applied in an increasing number of locations inside and outside the terminal. LED lighting has become the standard for illuminating works of art and for traffic lights, emergency lighting and Christmas lighting. A study was conducted in 2010 to assess whether LED lighting can be applied at Pier G and used for signposting, for the Kaagbaan tunnel and for cargo warehouses. Extensive experiments were conducted in 2010 to assess the potential for lighting our car parks with LED. The test results indicate that LED lighting can indeed be used for these purposes. The Samsung advertising tower and various taxiway lighting systems were fitted with LED lighting in 2010.

Generating sustainable energy

The airport aims to generate 20% of its energy in a sustainable manner at the Schiphol location by 2020. This percentage stood at 1.2% in 2010 (0.8% in 2009). In 2010 various locations were prepared for the installation of solar panels, in order to gain further experience in the generation of sustainable energy. The TransPort office building commissioned an additional heat and cold storage facility and a small-scale solar panel system in 2010.

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Note to the editors:

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For images of the ACA presentation, also see the short film on www.schipholtv.com.