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Please find the full report here.

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MEMBER NEWS

Airports reduce carbon footprint
Carbon emissions have reduced by almost 3% in the past two years, despite UK airports seeing passenger numbers increase by more than 5% and air traffic by more than 2% over the same period, according to a report launched by the Airport Operators Association.

Darren Caplan, Chief Executive of the AOA said the report highlighted “the debate around whether our sector can successfully expand without increasing its carbon and noise impacts.”

Qatar Airways land quieter aircraft at Heathrow
Qatar Airways landed their first A350 XWB at Heathrow in January, ahead of its eventual introduction. The A350 XWB will operate up to 21 decibels below the regulatory standards for aircraft of its kind, as well as reducing its carbon emissions.

The A350 XWB will deliver both quieter take-offs and landings and improved fuel-burn, beneficial to both the environment and local residents.

Boeing and the University of Cambridge develop hybrid electric aircraft
The University of Cambridge, sponsored by Boeing, are leading a project to develop an aeroplane powered by a hybrid electric engine propulsion system that uses a combination of traditional fuel and electricity.

The project is connected to Boeing’s ongoing study of the future of large hybrid electric aircraft which could, in future, be used to improve the industry’s environmental performance.

Virgin Atlantic awarded Quiet Mark certification
Virgin Atlantic has been awarded the Quiet Mark certification for its new fleet of Boeing 787-9s. Quiet Mark is a not-for-profit organisation which drives awareness of noise-related issues. This is the first time the award has been given to the aviation industry.

The aircraft uses a number of features to smooth noise-making turbulent air and has redesigned wing tips. This contributes to a noise reduction strategy.

One million tonnes of annual CO2 savings
NATS has announced up to 1m tonnes of aviation related CO2 being saved each year in the UK due to changes in more direct routes and vertical profiles, more efficient procedures and new air traffic control technologies. The reduction of 4.3% has meant that NATS has exceeded its target of 4% by the end of 2014.

UPCOMING EVENTS
17 March - Clean Sky Forum
15 - 21 June - Paris International Air show
23 October - Greener by Design Conference

For more information please visit the Sustainable Aviation website: www.sustainableaviation.co.uk
Or please email us at: comms@SustainableAviation.co.uk

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