



Greener
by
DESIGN

AVIATION AND THE ENVIRONMENT STATE OF PLAY

Tuesday 16th October 2007
No.4 Hamilton Place, London W1J 7BQ, UK

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AVIATION AND THE ENVIRONMENT

STATE OF PLAY

Tuesday 16th October 2007

SYNOPSIS

Air Travel - Greener By Design State of Play conferences have set a benchmark in bringing together all sectors of the aviation and aerospace industries, the research community, Government and environmentalists to review aviation's environmental performance and progress in addressing its impacts.

The 2007 Review is divided into three sections

- Progress: airline fuel saving, operational improvements, fleet modernisation, combustion efficiency and airframe design
- Scope: developing thinking on how much further clean flying and aircraft design can go
- Drivers: what fiscal, regulatory and market-based influences will - and will not - accelerate development and use of new technologies and other emission management measures?

Featuring Airbus, the British Air Transport Association, the Conservative Transport Working Group, the European Commission's emission trading advisers, Lufthansa and Rolls-Royce, and also including an assessment of mitigation options by the Intergovernmental Panel on Climate Change and debates on ATM improvement and the green agenda for managing emission growth.

The State of Play conference will be of interest to airlines, airports, manufacturers, aerospace and climate change research organisations, industry consultants and regulatory specialists.

REGISTER FOR THE CONFERENCE TODAY

- **Meet the experts in their fields**
Get your questions answered
- **Get the latest information on industry hot topics**
For your continued professional development
- **Meet a wide audience**
Make contacts for new business opportunities

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08.30 Registration and Coffee

09.00 **Chairman's Welcome**
Keith Mans, *Chief Executive,*
Royal Aeronautical Society

09.05 **Keynote Address**
Findings of the Fourth Assessment Report
of IPCC WG-III
Ron Wit, *Team Manager, Climate and Economy,*
Society for Nature and Environment; Lead Author
of IPCC Working group III

SESSION ONE: Progress

- 09.40 **1** Forum
Moderator: Prof Hugh Somerville,
Greener by Design Executive
- Roger Wiltshire, *Secretary-General,*
British Air Transport Association
 - David Welsh, *Director Health, Safety and*
Environment, Rolls-Royce
 - Rainer von Wrede, *Director, Environmental*
Affairs, Product Coordination, Airbus
- 10.35 **2** Incorporating Aviation Into the EU Emission Trading
Scheme – Market and Environmental Impacts
2010-2020
Bart Boon, *Senior Researcher, CE Delft –*
Consultants to the European Commission on
Inclusion of Aviation in the EU ETS

11.00 Coffee

SESSION TWO: Scope

- 11.30 **3** OMEGA – Developing Sound Knowledge on
Sustainability
Roger Gardner, *Chief Executive, OMEGA Project*
- 12.00 **4** Forum
Moderator: Prof Jeff Jupp, *Greener by Design*
Executive
- Prof John Green, *Greener by Design*
Technology Group

- Christine Bickerstaff, *Powerplant Systems*
Engineering – Airbus UK

- Naresh Kumar, *Director of Environmental*
Affairs, Rolls-Royce

12.55 **5** Operations – Report of the GBD Operations Group
on the Scope for Airline/Airport Improvements
Geoff Maynard, *Chairman, Greener by Design*
Operations Group

13.15 **6** Debate: Environmental Optimisation of Air Traffic
Management
Capt Steve Monaghan, *Chief Training Captain,*
British Airways
Andrew Watt, *Environment Domain Manager,*
Eurocontrol

13.35 Lunch

SESSION THREE: Drivers

- 14.25 **7** Debate: What Works?
Tony Juniper, *Director, Friends of the Earth*
Charles Miller, *Chairman, Greener by Design*
Policy Group
- 15.05 **8** What Will Accelerate a Step Change Performance –
Regulation, Market Based Options or Incentives?
Moderator: Chris Nicholls, *Economic Adviser for*
Sustainable Transport Economics, Defra
- Rainer von Wrede, *Director, Environmental*
Affairs – Product Coordination, Airbus
 - Prof Ric Parker, *Director of Research and*
Technology, Rolls-Royce
 - Steven Norris, *Convenor, Transport Working*
Group, Conservative Quality of Life Commission
- 16.00 **9** Newer Aircraft – Fuel Saving – Trading and Tax
Costs: How Will Carriers React to Environmental
Pressures?
Stephan Gemkow, *Chief Financial Officer,*
Lufthansa AG
- 16.30 Conference Close
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TAKE AN ACTIVE PART IN THE AEROSPACE COMMUNITY REGISTER TODAY

Register on-line at www.aerosociety.com/conference

The Royal Aeronautical Society's unique ability to stimulate discussion and exchange ideas is becoming ever more relevant with the need to harness the diverse nature of the industry into a cohesive entity.

WHY THE RAeS?

- The RAeS is globally recognised as the only professional institution dedicated to the entire aerospace community
- As a not-for-profit organisation we are committed to reinvesting back into industry through scholarships, the National Aerospace Library and the only aerospace careers centre in the UK

MEET A WIDE AUDIENCE

- RAeS conferences and events attract the highest calibre of industry professionals providing unrivalled networking opportunities

REAP THE REWARDS

- Continued professional development
- Latest information on industry hot topics
- Meet the experts in their fields

INDUSTRY LEADERS

- Join the previous companies who have attended RAeS Conferences
- We have long-term sponsorship relationships with a number of companies at the forefront of the industry

REGISTRATION FEE INCLUDES:

- Delegate place
- Refreshments & Lunch
- Conference proceedings

SPECIAL OFFERS – CALL NOW!

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- Discount for all Group Bookings
- Corporate Partner Group packages
- Graduate Trainee Scheme packages
- Free places for RAeS Student Members

SECRETARIAT

Conference & Events Department Royal Aeronautical Society

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Fax: +44 (0)20 7670 4349

Email: conference@raes.org.uk

www: <http://www.aerosociety.com/conference>

VENUE

Royal Aeronautical Society

No.4 Hamilton Place

London W1J 7BQ, UK



HOW TO GET THERE

Underground: Nearest stations are Hyde Park Corner, Green Park and Marble Arch.

By Bus: Routes 2, 8, 9, 10, 14, 19, 22, 30, 36, 38, 52, 73 and 74 all stop at Hyde Park Corner.

PARKING

Car parking spaces can be found at either the Intercontinental Hotel (Congestion Charge applies) or the NCP Underground Car Park on Park Lane.

ACCOMMODATION

The Chesterfield Mayfair Hotel is our appointed hotel partner located five minutes walk from the Royal Aeronautical Society. A four star deluxe hotel offering Royal Aeronautical Society discounted rates. To book call the Chesterfield on +44 (0)20 7958 7729 or email bookch@rchmail.com quoting Royal Aeronautical Society for preferential rates.

PROCEEDINGS

Proceedings from this event are free to delegates. If you are unable to attend and would like to purchase a copy, then additional copies can be purchased from **Royal Aeronautical Society**, No.4 Hamilton Place, London W1J 7BQ, UK
Tel: +44 (0)20 7670 4345
Fax: +44 (0)20 7670 4349
Email: conference@raes.org.uk

SPONSORSHIP & EXHIBITION

Please contact the Conference & Events Department for details on exhibiting, sponsorship and insertion of information into delegate packs.

DISABILITY ACT 2004

The Royal Aeronautical Society is now fully compliant with the above. Ramps are available to help delegates gain access to the building and the lecture theatre. A wheelchair access toilet is available on the ground floor.

CANCELLATIONS

Substitutions may be made up to the day of the conference - please notify the Conference & Events Department in writing of name changes as soon as possible. If no substitute can be found for the delegate unable to attend, cancellations must be notified in writing to the Conference & Events Department. The following fees will then apply:

- **More than 14 days notice**
25% of registration fee (ie. 75% refund)
- **14 days or less notice**
50% of registration fee (ie. 50% refund)
- **5 days or less and Non-attendance**
100% of registration fee (ie. No refund)