

What is **Air Travel – Greener by Design?**

It was formed in 1999 by:

- Airport Operators Association (AOA)
- British Air Transport Association (BATA)
- Royal Aeronautical Society (RAeS)
- Society of British Aerospace Companies (SBAC)
- It brings together experts from every part of the aviation industry with Government bodies and research institutions to promote sustainability by seeking practical solutions to the challenge posed by aviation's impact on the environment.

How is it funded?

It receives funds from the Department of Trade and Industry and is supported by numerous companies in the aviation sector.

How is **Air Travel – Greener by Design** managed?

It has an Executive Group to monitor the work of the coalition and an Advisory Group to provide a wide range of knowledge across the whole of the aerospace community.



**Find out more from the co-ordinator –
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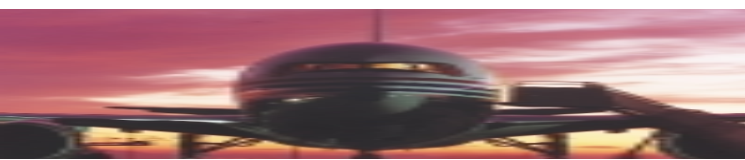
🌐 www.greenerbydesign.org.uk

Working for ever quieter,
ever cleaner aviation

Air Travel – Greener by Design
Dedicated to Sustainable Aviation



Greener
by DESIGN



Air Transport is one of the world's most important industries.

It has:

- Expanded world trade and brought employment and prosperity to millions.
- Transformed international air travel from a luxury for a privileged few to an affordable option for everyone.
- Significantly improved the environmental impact of aircraft and the way they are flown.

However, air transport is growing rapidly such that aviation emissions could double over the next 50 years.

The challenge is to ensure that aviation grows in a sustainable manner that provides a proper balance between economic, environmental and social considerations.

The issue is complex.

Solutions require coordinated action by many stakeholders, including manufacturers, airlines, airport operators, Government, environmentalists and research organisations.

Air Travel – Greener by Design...

is a coalition formed to meet the challenge of finding solutions from every part of the aviation industry.

It aims to:

- Inform the public and Government about aviation's environmental performance.
- Promote best practice.
- Develop constructive solutions.
- Promote environmental awareness within the industry.



Air Travel – Greener by Design...

- Researches, assesses and advises Government and industry on operational, technological, economic and regulatory options for limiting aviation's environmental impact.
- Promotes best practice across the aviation and aerospace sectors.
- Promotes a balanced understanding of aviation's true environmental impact and its environmental programmes.
- Holds annual conferences on sustainable aviation.
- Maintains a web site and library comprising a definitive archive of documents relating to sustainable aviation.



Air Travel – Greener by Design...

has sub-groups with experts from all sectors of aviation:

Operations

- Getting passengers and freight to airports
- Handling passengers and goods at airports
- Airport services and ground operations
- Operations in the air, including air traffic management.

Technology

- Developing innovative technology and design concepts to reduce noise and emissions.

Market-Based Options

- Determining how mechanisms such as emissions trading and industry/government agreements could be used to stimulate environmentally efficient operating strategies.

Reports

The sub-groups have already published:

- *Airline emissions of carbon dioxide - the opportunity for voluntary agreement*, March 2001
- *The Challenge*, July 2001
- *The Technology Challenge*, August 2001
- *Improving Operations, the Technology Challenge, Market-based Options*, February 2002