



# Sustainable Aviation Fuel

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Sustainable Aviation Fuels Strategy*

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# The industry is committed to action on climate change



## Aviation Industry Commitment to Action on Climate Change

As leaders of the aviation industry, we recognise our environmental responsibilities and agree on the need to:

- build on the strong track record of technological progress and innovation that has made our industry the safest and most efficient transport mode; and
- accelerate action to mitigate our environmental impact, especially in respect to climate change while preserving our driving role in the sustainable development of our global society.

Therefore, we, the undersigned aviation industry companies and organisations declare that we are committed to a pathway to carbon-neutral growth and aspire to a carbon-free future.

To this end, in line with the four-pillar strategy unanimously endorsed at the 2007 ICAO Assembly, we will:

- push forward the development and implementation of new technologies, including cleaner fuels;
- further optimise the fuel efficiency of our fleet and the way we fly aircraft and manage ground operations;
- improve air routes, air traffic management and airport infrastructure; and
- implement positive economic instruments to achieve greenhouse gas reductions whenever they are cost-effective.

We urge all governments to participate in these efforts by:

- supporting and co-financing appropriate research and development in the pursuit of greener technological breakthroughs;
- taking urgent measures to improve airspace design including civil/military allocation, air traffic management infrastructure and procedures for approving needed airport development; and
- developing and implementing a global, scalable and stable emissions management framework for aviation through ICAO, in line with the United Nations roadmap agreed in Bali in December 2007.

Our efforts and commitment to work in partnership with governments, other industries and representatives of civil society will provide meaningful benefits on tackling climate change and other environmental challenges.

We strongly encourage others to join us in this endeavour.



 Robert J. Anderson, Director General  
 Paul C. Drury, Chairman  
 Alexander Brühse, Secretary General  
 Giovanni Bisignani, Director General & CEO  
 Fernando Pinto, Chairman  
 Malcolm C. Blaney, Chair  
 Deborah Hovbo, Vice-Chair  
 Thomas Enders, President & CEO  
 Scott Lussner, President & CEO  
 Steve Ruppel, President Regional Aircraft  
 Eric Bachleit, CEO  
 Frederico Freyre Cordeiro, President & CEO  
 Scott C. Donnelly, President & CEO (EASA Aviation)  
 Stephen Fager, President  
 Mark King, President Civil Aviation  
 Philippe Pothier, Executive Director

8<sup>th</sup> Aviation & Environment Summit, 22<sup>nd</sup> April 2008, Geneva, Switzerland

*“...we are committed to a pathway to carbon-neutral growth and aspire to a carbon-free future.”*

– ATAG 2008 industry declaration for action on climate change

# Focused Effort on Sustainable Biofuel



## Using less fuel -

Efficient Airplanes  
Operational Efficiency

## Changing the fuel -

Sustainable Biofuel



# Developing a Sustainable Aviation Fuel Supply



**SAFUG is committed to advancing the development and commercialization of sustainable aviation biofuel in support of the industry's goal of carbon neutral growth by 2020.**




# Sustainable Aviation Biofuel Projects



SAFUG-Europe  
Member Projects



Working Together MOUs  
with PetroChina



Sustainable  
Aviation Fuels  
Northwest



Life  
Cycle  
Analysis



Project  
Flight Path



Masdar  
Research  
Project



Aviation Biofuel  
Road Map



Aviation  
Biofuel  
Assessment  
Project