

**AVIATION
BENEFITS
BEYOND
BORDERS**

Powering global economic growth,
employment, trade links, tourism
and support for sustainable
development through air transport

Putting green in the wings
Michael Gill, Executive Director, ATAG

10 September, 2014 | Montreal

INTRODUCING ATAG

COMMERCIAL AVIATION, SPEAKING WITH ONE VOICE



ONLY GLOBAL
REPRESENTATIVE
OF WHOLE
AVIATION SECTOR

PLAYS INDUSTRY
COORDINATION
ROLE

FOCUS ON
SUSTAINABLE
DEVELOPMENT OF
AVIATION: ECONOMIC,
SOCIAL AND
ENVIRONMENTAL
ASPECTS

HOSTS THE
GLOBAL
SUSTAINABLE
AVIATION SUMMIT

FOUNDED IN
1990

FUNDING
AND BOARD
MEMBERS:

 **AVIATION** BENEFITS
BEYOND BORDERS



BOMBARDIER



Honeywell



Pratt & Whitney
A United Technologies Company



Rolls-Royce



SAFRAN
AEROSPACE · DEFENCE · SECURITY

Sustainable development



Economy



Society



Environment



Economy



Supporting over 58 million jobs and \$2.4 trillion in global GDP, the air transport industry is a driver of the global economy. A third of all global trade by value is sent by air and aviation is a key component of global business.



Society



Aviation brings the world's people and cultures together like no other form of transport. Fast, reliable and safe services with greater value are allowing more people to experience the world and supporting the world's number one industry – tourism.

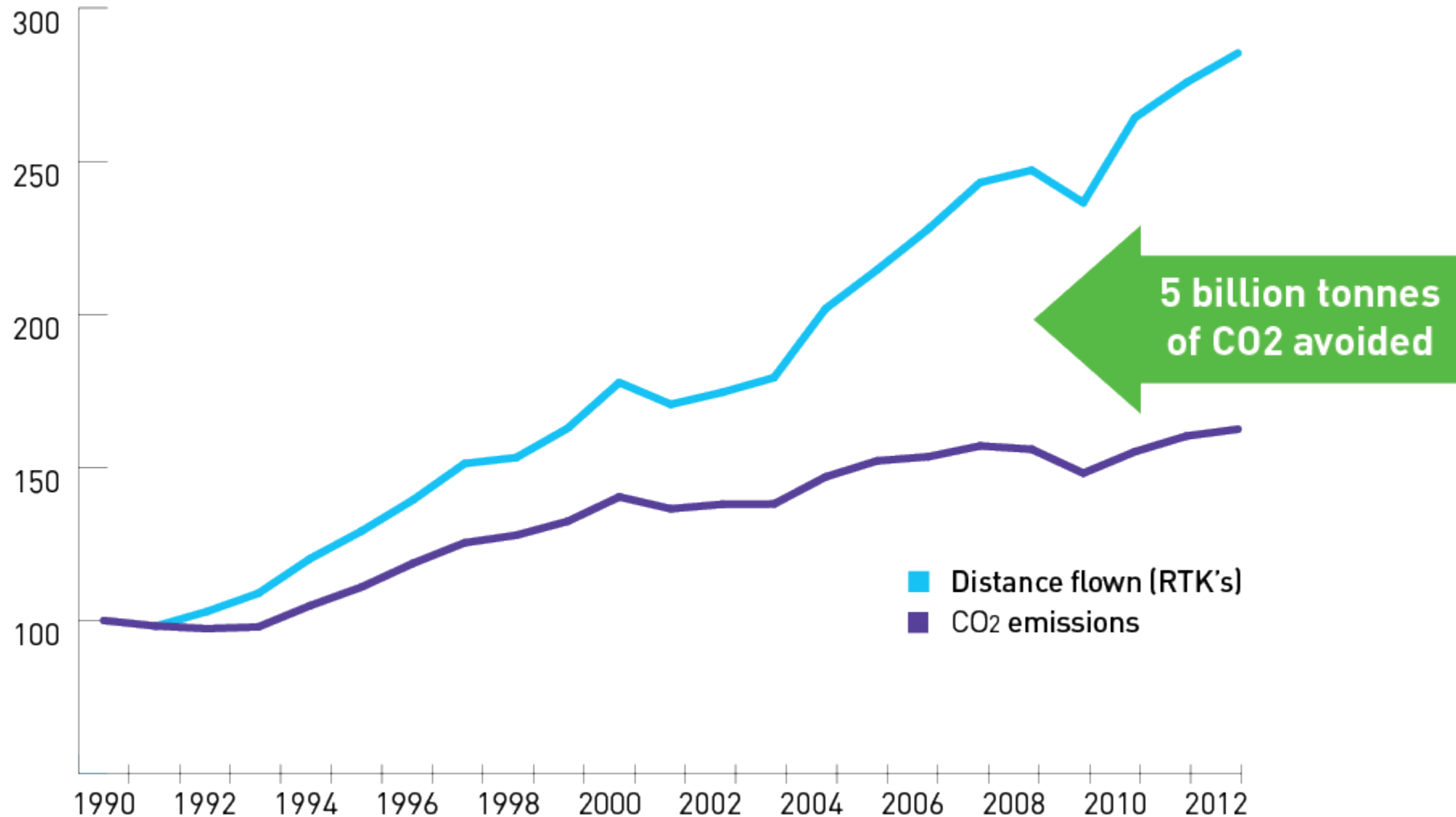


Environment

Aviation is also leading the way with efforts to improve its environmental performance. It is the first industry to have ambitious global goals for reducing the climate impact of its operations which contribute 2% of CO₂ emissions.

Aviation: impressive progress so far

CO2 emissions from aviation in relation to growth in distance travelled since 1990



Aviation: climate action



Environment

2010

1.5% p/a fuel efficiency

Working towards carbon-neutral growth

2020

Carbon-neutral growth

Implementation of global sectoral approach

2050

-50% CO₂

Half the net aviation CO₂ of 2005

Aviation: climate action



Environment

Invest in new
TECHNOLOGY

*(including sustainable
aviation biofuels)*

Fly using more efficient
OPERATIONS

Build and use efficient
INFRASTRUCTURE

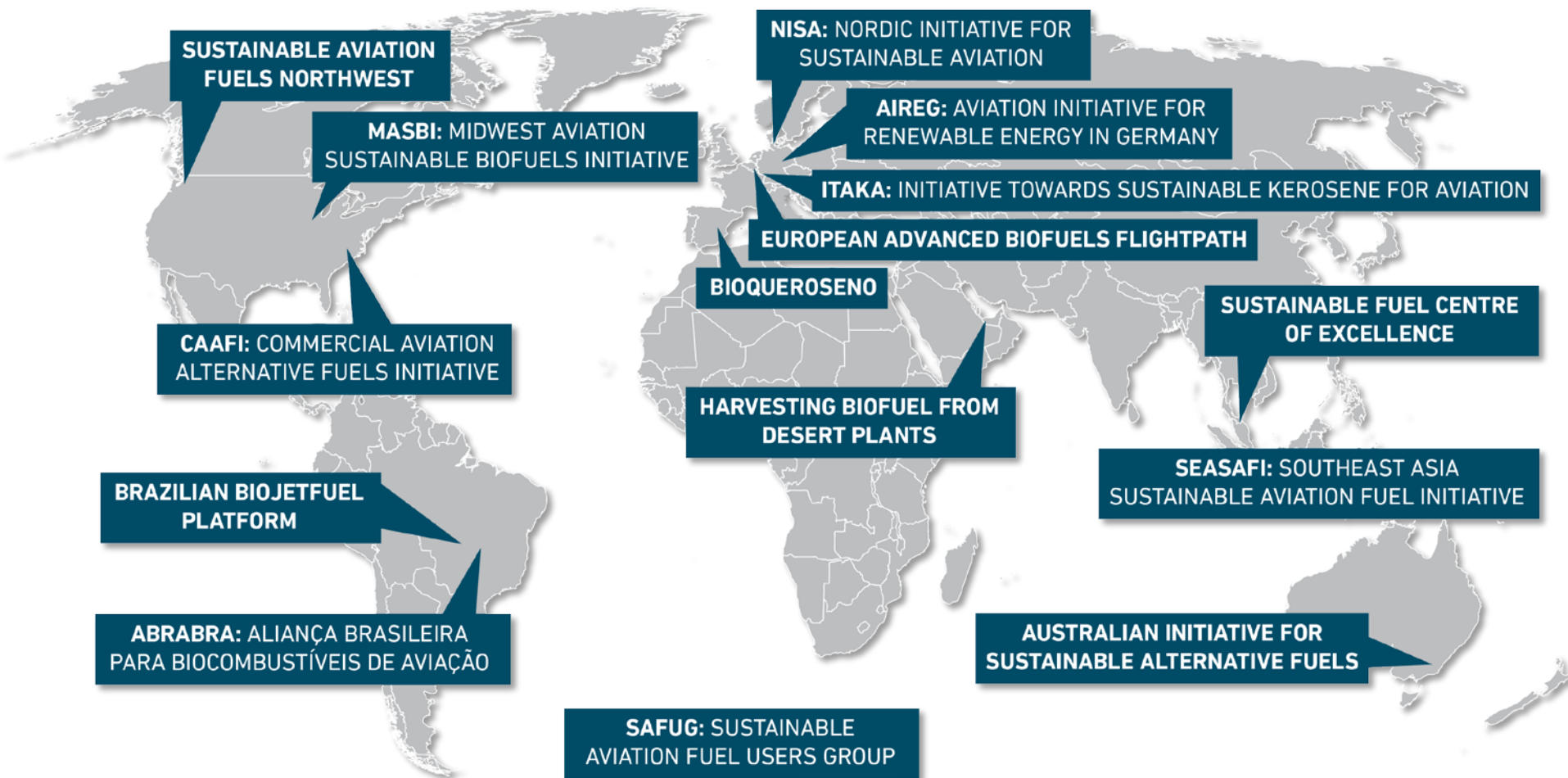
Use effective, global,
**MARKET-BASED
MEASURES**

Should we be concerned?



Significant action

Selection of partnership projects underway across the world



Significant investments

Commitments are already being made by some airlines

UNITED 

AGREEMENT WITH
ALTAIR

TO PURCHASE

15 million gallons

OF ALTERNATIVE AVIATION FUEL
OVER A PERIOD OF **3 YEARS** FROM

2014

BRITISH AIRWAYS 

STRATEGIC PARTNERSHIP
WITH **SOLENA**

AND AGREEMENT TO PURCHASE

\$500 million

OF ALTERNATIVE AVIATION FUEL
OVER A PERIOD OF **10 YEARS** FROM

2017


CATHAY PACIFIC

STRATEGIC EQUITY INVESTMENT
IN **FULCRUM BIOENERGY**

AND AGREEMENT TO PURCHASE

375 million gallons

OF ALTERNATIVE AVIATION FUEL
OVER A PERIOD OF **10 YEARS** FROM

2017

How can Government's help?

GOVERNMENT TO-DO LIST



LEVEL PLAYING FIELD

WITH OTHER USERS OF ALTERNATIVE FUELS



DE-RISKING INCENTIVES

FOR CONSTRUCTION OF FUEL INFRASTRUCTURE



PRIORITISATION

SHIFT FOCUS TO SECTORS WITHOUT
ALTERNATIVES SUCH AS AVIATION

The profit parade!

Our major energy suppliers are making good money off us...
but are they really committed to our energy future?

Full-year profits 2013:



Where next?

A vision of our energy future, 30 years out

TODAY

ONE SOURCE OF ENERGY
~20 MAIN SUPPLIERS
(*BUT REAL COMPETITION?*)
FOSSIL OR WHAT?

2044

DIVERSIFIED ENERGY SOURCE
HUNDREDS OF SUPPLIERS
REAL COMPETITION
ON OUR WAY TO HALVING CO₂

The background is a complex network of thin, light blue lines that form a web-like pattern, suggesting global connectivity or flight paths. In the center, there is a large square graphic composed of four colored quadrants: light blue (top-left), white (top-right), purple (bottom-left), and purple (bottom-right). The text is centered in the white quadrant.

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aviationbenefits.org