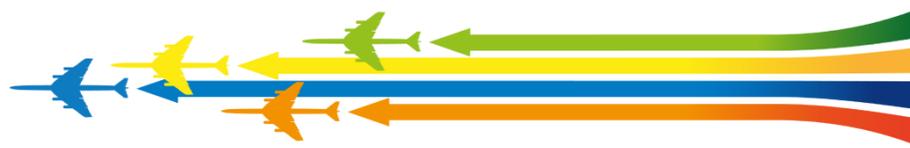




ICAO

UNITING AVIATION

**E-GAP**



# ICAO Global Aviation Partnerships on Emissions Reductions (E-GAP)

## **Multiplying Environmental Action**

### Setting the Scene

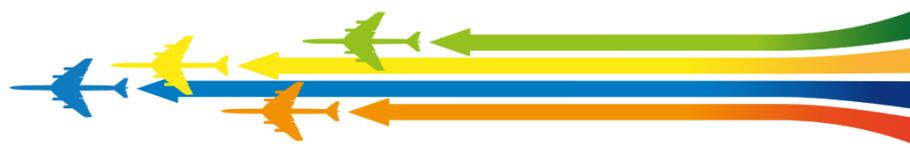
**Director, Air Transport Bureau (ATB)**

**Boubacar Djibo**



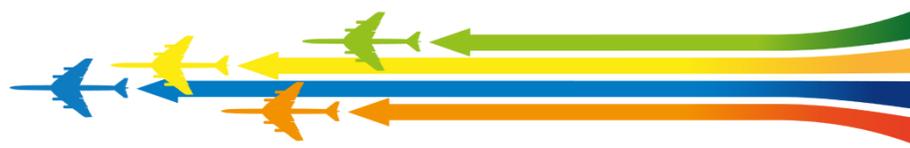
## Objectives of the E-GAP Seminar

- Showcase partnerships between ICAO, governments, and organizations to reduce aviation emissions
- Example: The engagement of Member States under the ICAO State Action Plans initiative and promote further cooperation
- Identify further opportunities and encourage dialogue to explore new partnerships



## Why Partnerships?

- Environmental action requires efforts of more than one stakeholder to be implemented
- Encourage resource mobilization
- Facilitate further cooperation in new areas
- Multiply environmental action

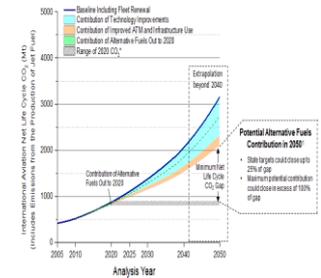
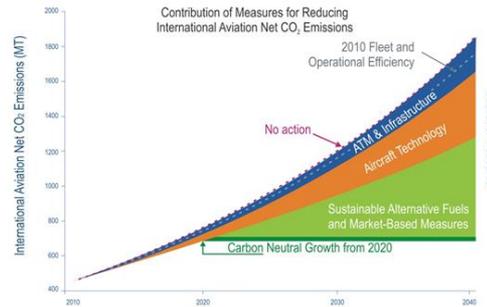
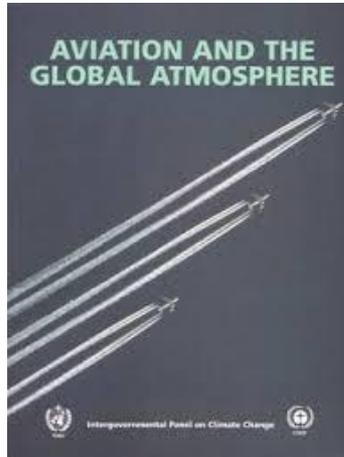


# E-GAP Seminar - Main Topics

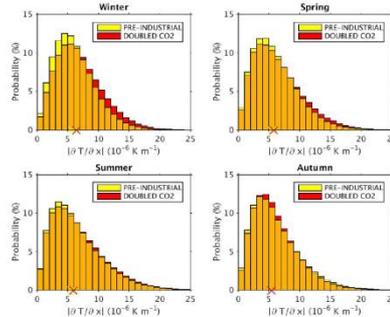
- Improving scientific understanding of aviation's impact, climate change and adaptation
- Developments in aircraft technology and research programmes;
- Recycling of aircraft;
- Next generation air navigation and green airport operations;
- Sustainable alternative fuels;
- Carbon Markets
- Financing for aviation environmental activities
- States Action Plans and Capacity Building

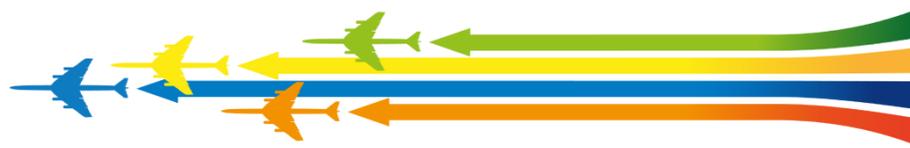


# Session I Partnerships to advance the Scientific Understanding of Aviation and Climate Change



\*Actual carbon neutral line is within this range  
 Baseline line technology contribution line represents the "Low Aircraft Technology Scenario"  
 † All alternative fuels in 2050 were zero net carbon  
 Note: Results were modelled for 2010, 2015, 2020, 2025, 2030, and 2040 then extrapolated to 2050.



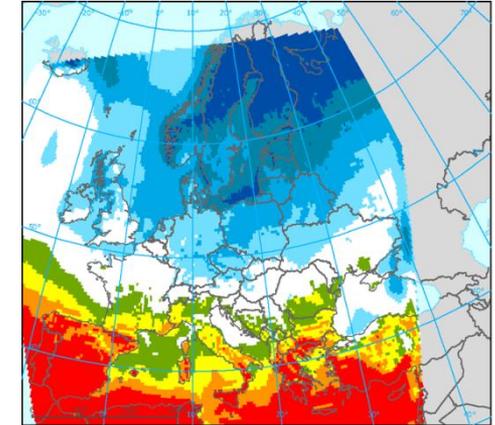
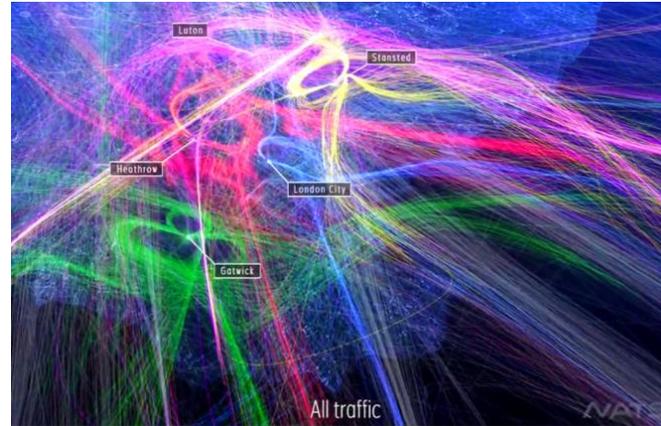


## Session II Partnerships in design and technology throughout the aircraft Life-cycle





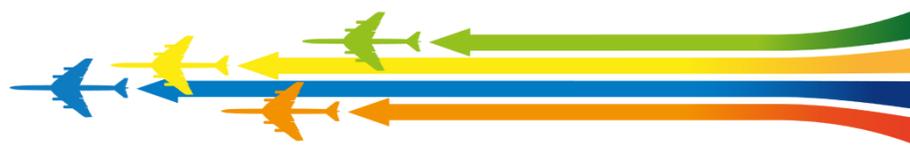
# Session III Operational Improvements and Eco-airports



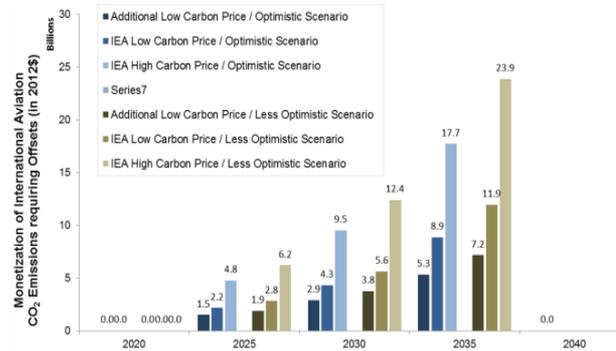
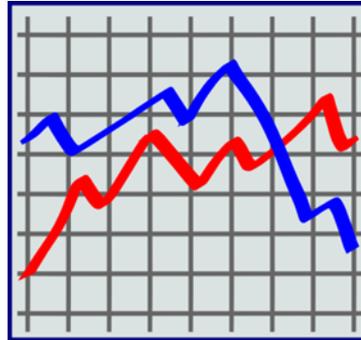
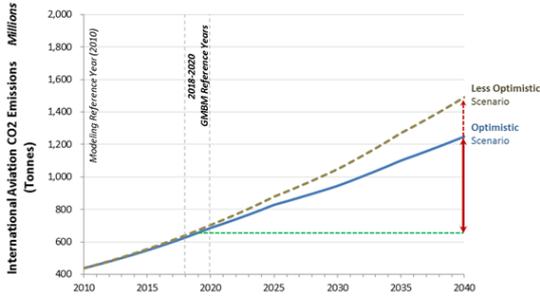


# Session IV Partnerships to Develop Sustainable Alternative Fuels for Aviation





# Session V Carbon Markets





ICAO

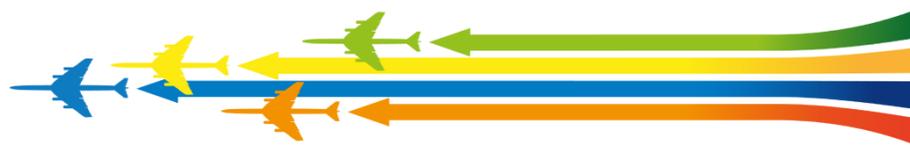
UNITING AVIATION

E-GAP



# Session VI Facilitating Financing for Aviation Sustainable Environmental Initiatives





## Session VII "No country left behind" - States' Action Plans and Capacity Building

