SESSION 5: ENVIRONMENTAL CHALLENGES FOR THE CIVIL AVIATION INDUSTRY

Folasade Odutola
Director, Air Transport Bureau

ICAO/World Bank/ Routes
Global Strategy Summit, 2009
Beijing, China
ASSURING ENVIRONMENTAL SUSTAINABILITY

3 Main Goals:

• Limit or reduce the number of people affected by significant aircraft noise
  – Work on Aircraft Noise since 1970

• Limit or reduce the impact of aviation emissions on local air quality
  – Work on air quality around airports since late 1970s

• Limit or reduce the impact of aviation greenhouse gas emissions on the global climate
  – Work on GHG since early 1980s
THE CLIMATE CHANGE CHALLENGE: ICAO’S COMMITMENTS

• **Kyoto Protocol**
  – ICAO to pursue limitation or reduction of aviation GHG emissions

• **ICAO’s A36**
  – To develop an ICAO Programme of Action on International Aviation and Climate Change
    – Cooperation with UNFCCC
    – Development of concrete proposals to COP/15 (December 2009)
**RECENT AND NEXT STEPS**

- Latest SARPs for LAQ – with effect 1 January 2008
- Latest SARPs for Noise – with effect 1 January 2006
- Expansion of modelling capabilities to quantify aviation’s environmental impact
- Enhancement of the ICAO Carbon Emissions Calculator recently developed
- Establishing technological and operational goals for noise, local air quality and CO₂ reduction in 10 and 20 years
- Programme of Action on Climate Change developed in May 2009
- High-Level Meeting (7-9 Oct 2009) to consider the Programme of Action
- Programme will include development of CO₂ Standard
- Conference on Aviation Alternative Fuels (CAAF), Nov. 2009