



# Assistance for Action

## Aviation and Climate Change Seminar

23 - 24 October 2012

ICAO Headquarters, Montréal, Canada





**The  
voice** of the  
world's  
**airports.**



## **ACI's Vision**

**Leading, representing and serving  
the global airport community.**

## **ACI's mission**

**ACI advances the collective interests of, and acts as the voice  
of, the world's airports and the communities they serve, and  
promotes professional excellence in airport management and  
operations.**



- **580 members**
  - **1650 airports**
  - **179 countries and territories**
- \*Represents 96% of the world's passenger traffic**



**Europe:**  
188 members, 46 countries,  
435 airports

**North America:**  
175 members, 3 countries,  
298 airports\*\*



**Latin America-Caribbean:**  
59 members, 37 countries,  
181 airports

**Asia-Pacific:**  
97 members, 48 countries,  
469 airports

**Africa:**  
56 members, 47 countries,  
250 airports

\*Membership as of 31 Dec 2010, as approved by annual assembly

\*\* Regular members only





## ACI - Airport Environmental Management

ACI Regions	Enrolments
Africa	6
Asia Pacific	27
Europe	15
Latin America and Caribbean	13
North America	61
Unknown	6
<b>Total Enrolments</b>	<b>128</b>

\* January - September 2012 YTD





## **Airport Environmental Management Course Outline:**

- **Aircraft Noise Management**
- **Local Air Quality**
- **Resource Use and Waste Management**
- **Potable Water Use**
- **Storm Water and Waste Water Use**
- **Communications and Community**





## ACI Airport Assistance Programmes

- ■ ■ **ACI DNA Airport Assistance Programme**
  - ■ ■ Currently funded entirely by ACI-World net revenues
  - ■ ■ Objective to provide any form of assistance to members with a priority
- ■ ■ **ACI Fund**
  - ■ ■ Given to Developing and Least Developing States





# ICAO Action Plan Workshops

## ICAO Workshops on State Action Plans on Aviation CO2 Emissions Reduction

- ■ ■ May 2011 – September 2012
- ■ ■ Mexico, Dubai, Nairobi, Paris, Bangkok, Montreal, Dakar
- ■ ■ ACI Airport participation
- ■ ■ Presentation on reducing of aircraft CO2 emissions at airports and those from airport and other related ground activities.



## AIRPORTS and ICAO's STATE ACTION PLANS on AVIATION CO<sub>2</sub> EMISSIONS

ICAO's current efforts on addressing the CO<sub>2</sub> emissions from international civil aviation are focused on developing State Actions Plans and assessing global progress toward its aspirational goals on efficiency and carbon neutral growth. These notes provide airport operators with the background and guidance if they are asked by their national governments regarding their contribution to these efforts.

### ICAO Basket of Measures and Assembly Resolution

ICAO has developed a 'Basket of Measures' – a broad scope of actions that can be taken by aviation stakeholders including State regulators to address emissions from aviation. These include:

- aircraft technology
- alternative fuels
- ATM and infrastructure efficiency
- operational efficiencies
- economic and regulatory measures.

The ICAO Assembly Resolution a37/19 (2010) adds the following features:

- Global aspirational goals of a 2% average annual fuel efficiency improvement through to 2050 and carbon neutral growth from 2020. These are collective and non-binding goals.
- ICAO Member States are requested to voluntarily submit, by mid-2012, Action Plans on their policies and actions to address aviation emissions.
- ICAO will compile the information to assess progress towards these goals.

### ICAO Guidance and Regional Workshops

- ICAO is developing written guidance material on compiling State Action Plans and will host a website where these can be submitted electronically.
- In addition there will be 5 regional workshops in May-July 2011 to instruct States on developing and submitting these Action Plans.
- ACI has contributed to the guidance and is participating in the workshops.

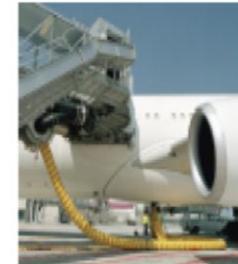
### Comments

- ICAO's remit refers only to 'bunker fuels' – the fuel loaded onto aircraft – and the resulting emissions from international civil aviation.
- If States achieve efficiency improvements in their domestic aviation emissions, these would be considered to be 'co-benefits'.
- Emissions from non-aircraft, ground-based airport activities and associated land transport are also not included in the ICAO goals and any reductions will also be considered 'co-benefits'. States may choose to report these in their Action Plans.

### Reducing Aviation Emissions at Airports

State Action Plans prioritize the reduction of aircraft fuel burn. Actions that can be taken by airport operators include the following:

- Providing fixed electrical ground power (FEGP) and pre-conditioned air (PCA) supply to aircraft at terminal gates, allowing auxiliary power unit (APU) switch-off.



### ICAO

ICAO is the international Civil Aviation Organization, a specialist agency of the United Nations.

It is charged with promoting the safe and sustainable development of international air travel.

Membership includes 179 member States. ACI has official observer status and represents airport interests in the development of both standards and recommended practice documents.

### ACI Guidance

See also the ACI Guidance Manual on Airport Greenhouse Gas Emissions Management (2008), FAQ (2011) and ACI's Position Paper on Climate Change (2010) at [www.aci.aero](http://www.aci.aero)



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world's  
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**감사합니다** Natick  
Danke Ευχαριστίες Dalu  
**Thank You** Köszönöm  
Grazie Tack Obrigado  
Спасибо Dank Gracias  
**谢谢** **Merci** Seé  
ありがとう