



# The EU as a partner for financing new technologies for sustainable aviation

**Session VII – Financing and Assistance**

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# Outline

- EU funding for research and innovation
- EU as a donor for climate change mitigation and adaptation
- EU assistance to Developing States
- Assistance projects with ICAO



## Horizon 2020

- The biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020)
  - Open to participation from across the world
  - Areas and partners identified for international cooperation
  - Among key areas: Climate Change and Green Transport
  - Example 1: Clean Sky 2 to develop cleaner, quieter aircraft with significantly less CO<sub>2</sub> emissions
  - Example 2: Advisory Council for Aviation Research and innovation in Europe
- Climate-related expenditure should exceed 35%



## EU and its MS: biggest world donor including in the field of climate change

- World's leading provider of climate finance support to developing countries
  - €7.34 billion (USD 9.79 billion) have been mobilised for Fast-Start Finance in 2010-2012
  - Committed to scale up and contribute to developed countries' goal to jointly mobilise USD 100 billion per year by 2020
- Best practice approach to climate finance by
  - establishing dedicated funding vehicles for mitigation, adaptation, REDD+ eg GCCA
  - mainstreaming climate into EU budget (20% climate proof = €180 billion during 2014-2020) engaging with (European) Development Banks (EIB financing projects tackling CC)
- Important: CC not "stand-alone" issue – part of wider sustainable development cooperation for green growth
- Our aim: to work with partner countries to integrate CC/aviation in their development strategies



# Principles for providing assistance

- Assistance should be demand-driven
- In-country dialogue, stakeholder involvement
- Climate action integral part of wider national strategies, in accordance with national priorities
- Forward-looking, holistic approach
- Innovative "flagship" projects prioritized
- Scope for early action in relatively new areas, such as aviation!



## ASEAN Air Transport Integration Project

- Objective: safe, secure and sustainable ASEAN Single Aviation Market. Launched in 2012, 4 years
- Brunei, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam
- Essential component: need for improved ATM systems
- Explore ways to organise effective regional cooperation, identify problems and bottlenecks, improve ATM and sustainability



## EU and ICAO co-operation on assistance to States (1)

### Project: "Capacity building for CO2 mitigation from international aviation"

- Overall objective: To assist States in addressing aviation emissions by implementing capacity building activities that will support the development of low carbon air transport
- Specific objective: to support the ability to track, manage and reduce aviation emissions
- EU funding: EUR 6.5 million



## EU and ICAO co-operation on assistance to States (2)

- 42 months, starting January 2014
- 14 beneficiary countries from the African and Caribbean ICAO regions:

***Dominican Republic***  
***Trinidad and Tobago***  
***Kenya***  
***Burkina Faso***  
***Angola***  
***Burundi***  
***Cameroon***

***Central African Republic***  
***Chad***  
***Republic of the Congo***  
***DR Congo***  
***Equatorial Guinea***  
***Gabon***  
***São Tomé and Príncipe***



## EU and ICAO co-operation on assistance to States (3)

3 areas of activity:

- Capacity building for the development of States' action and their inclusion into ICAO State Action Plans
- Establishment of aviation environmental information systems and creating national emissions inventories for aviation
- Piloting the implementation of environmental and operational measures to reduce fuel consumption



## EU and ICAO co-operation on assistance to States (4)

Key to success:

- Close cooperation of EU, ICAO experts and participating States
- ICAO's extensive experience in regional capacity building
- Willingness of States to actively engage and take mitigation action in the aviation sector



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# THANK YOU!

[http://ec.europa.eu/dgs/clima/mission/index\\_en.htm](http://ec.europa.eu/dgs/clima/mission/index_en.htm)