



ICAO

ENVIRONMENT



# Assistance and Financing

Blandine Ferrier  
ICAO Environment



- Assembly Resolution A38-18 required ICAO Council

Facilitate access to existing and new **financial** resources, technology transfer, and capacity building for developing countries

Consolidate and build on the partnership with other International Organizations to meet the assistance needs of ICAO's member States

Initiation of specific measures to assist developing States

Synergies and constructive engagement among ICAO Member States, stakeholders and other international organizations

Assistance to Members States through dissemination on best practices and the provision of guidance





ICAO GENERAL ASSEMBLY  
2010  
Action Plans  
Programme

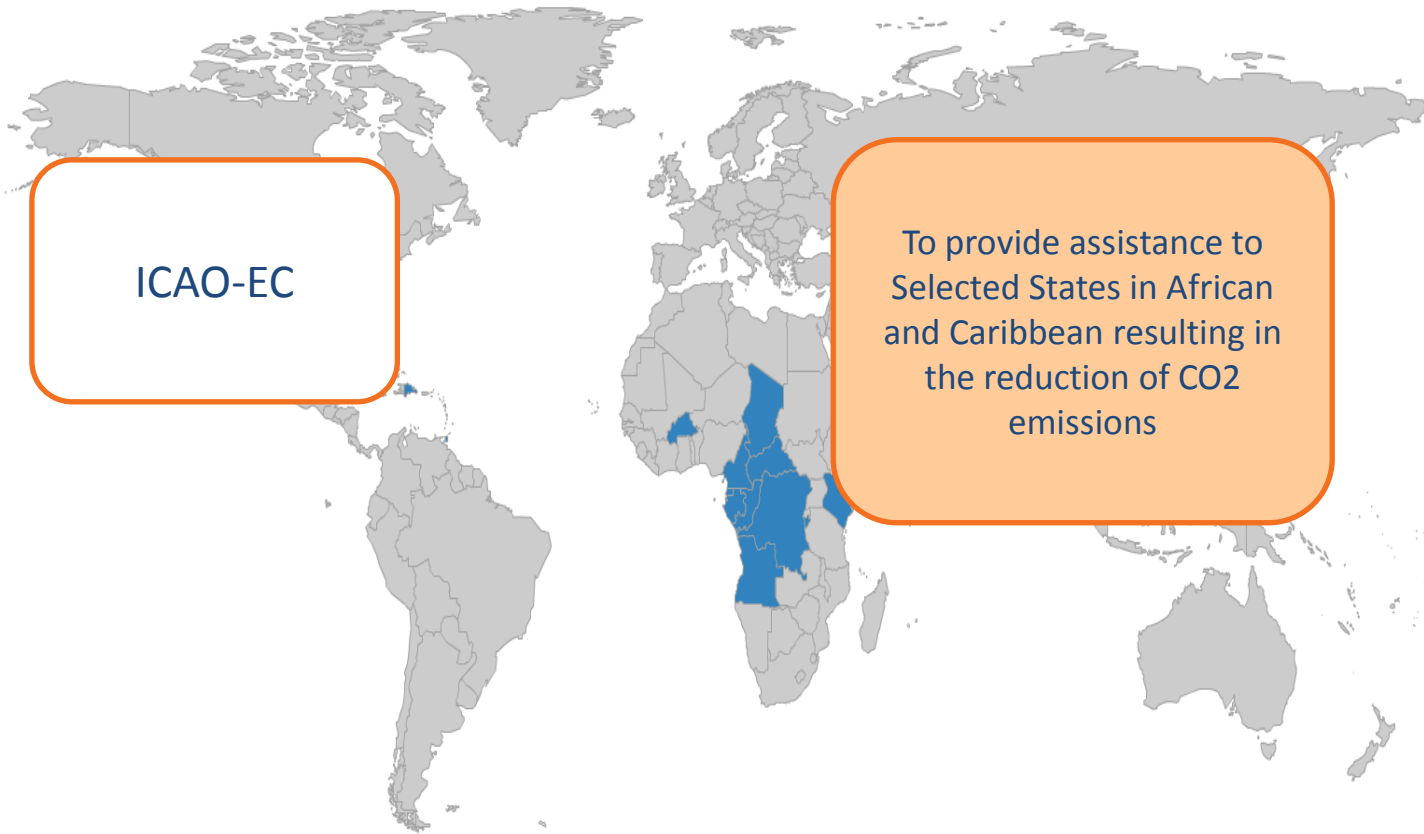
ICAO GENERAL ASSEMBLY  
2013  
Action Plans  
submitted /  
80%  
emissions

Partnerships  
Agreement  
between  
ICAO and  
Other  
Organizations





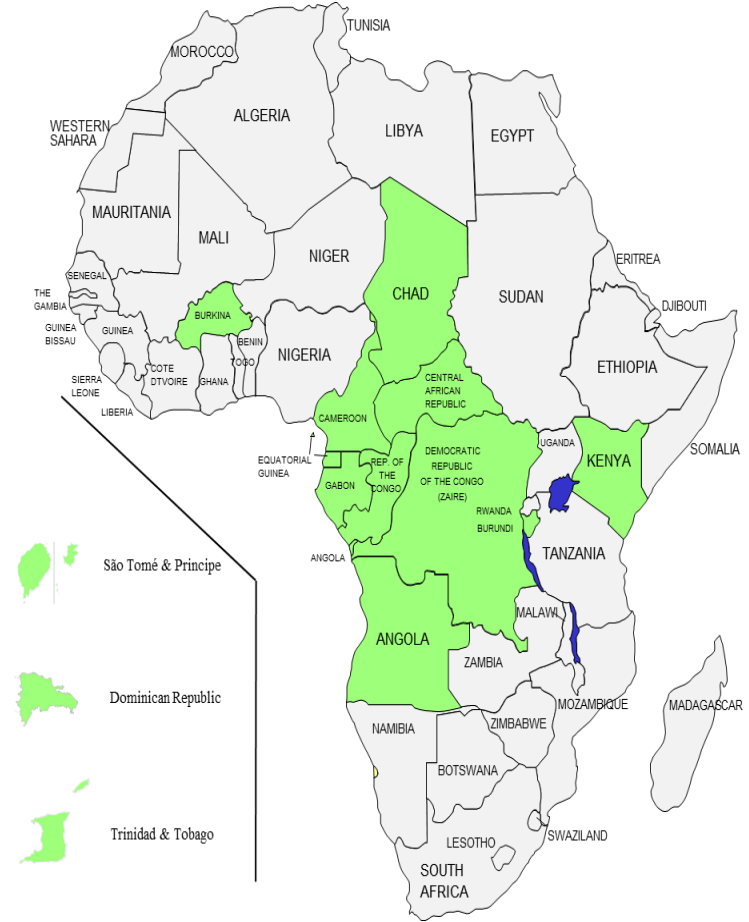
## Global Assistance: ICAO-EC





## ICAO-EC partnership to assist 14 Member States – 6.5 Million Euros

ICAO African Region	ICAO Caribbean Region
10 ECCAS States	Dominican Republic
Burkina Faso	Trinidad and Tobago
Kenya	





To contribute to the mitigation of CO<sub>2</sub> emissions from international aviation in the selected States, by implementing capacity building activities that will support the development of low carbon air transport and environmental sustainability





## SPECIFIC OBJECTIVE 1:

### ACTION PLANS DEVELOPMENT

Improved capacity of the National Civil Aviation authorities to develop their Action Plan on CO2 emissions reduction from international aviation.

## SPECIFIC OBJECTIVE 3:

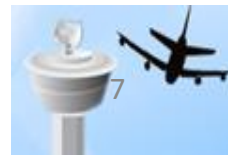
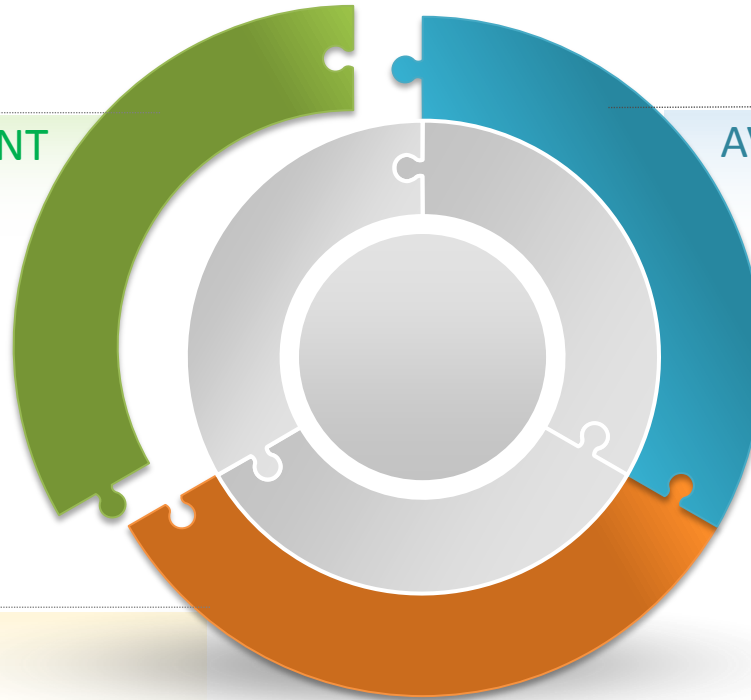
### IMPLEMENTATION OF MITIGATION MEASURES

Priority mitigation measures identified, evaluated and partly implemented.

## SPECIFIC OBJECTIVE 2:

### AVIATION ENVIRONMENTAL SYSTEMS (AES)

Efficient CO2 emission monitoring system for international aviation developed in each selected Member State.





## AREA OF ACTIVITY 1

# Capacity building for the development of State Action Plans

National Action Plan teams built in at least 10 selected Member States.

Including at least 2 members of staff in each national aviation authority/relevant stakeholder organizations trained to develop Action Plans.

Country specific ICAO Action Plans developed in at least 5 selected Member States or Group of States and submitted to ICAO.





## AREA OF ACTIVITY 2

### Setting up aviation environmental systems and creating national emissions inventories for aviation

Aviation environmental system (AES) developed in the selected Member States.

At least 2 members from national authorities/relevant stakeholder organizations per selected Member State trained to work with the AES and to have the capacity to report on aviation emissions for States inventories.





## AREA OF ACTIVITY 3

### Piloting the implementation of measures to reduce fuel consumption through environmental measures including operational measures

At least 4 feasibility studies on proposed pilot measures contained in the action plans are developed

RESULT 7

Measures to improve environmental benefits and reduce aviation fuel consumption including operational measures, such as Air Traffic Management, that directly benefit at least 4 target countries, have been selected and implemented

RESULT 8



- States selected and committed to participate
- State Focal Points for the project already nominated
- ICAO Project consultants and local consultants for Africa and the Caribbean recruited
- Inception report, new budget, new timeline/ work plan developed and approved
- National Action Plan Teams officially established in 11 States
- 1st Steering Committee in January 2015: Positive feedback received on the project progress
- Purchase/Installation of equipment for the State Focal Points
- Projects ‘Kick-off seminars’ in the Caribbean and in Africa

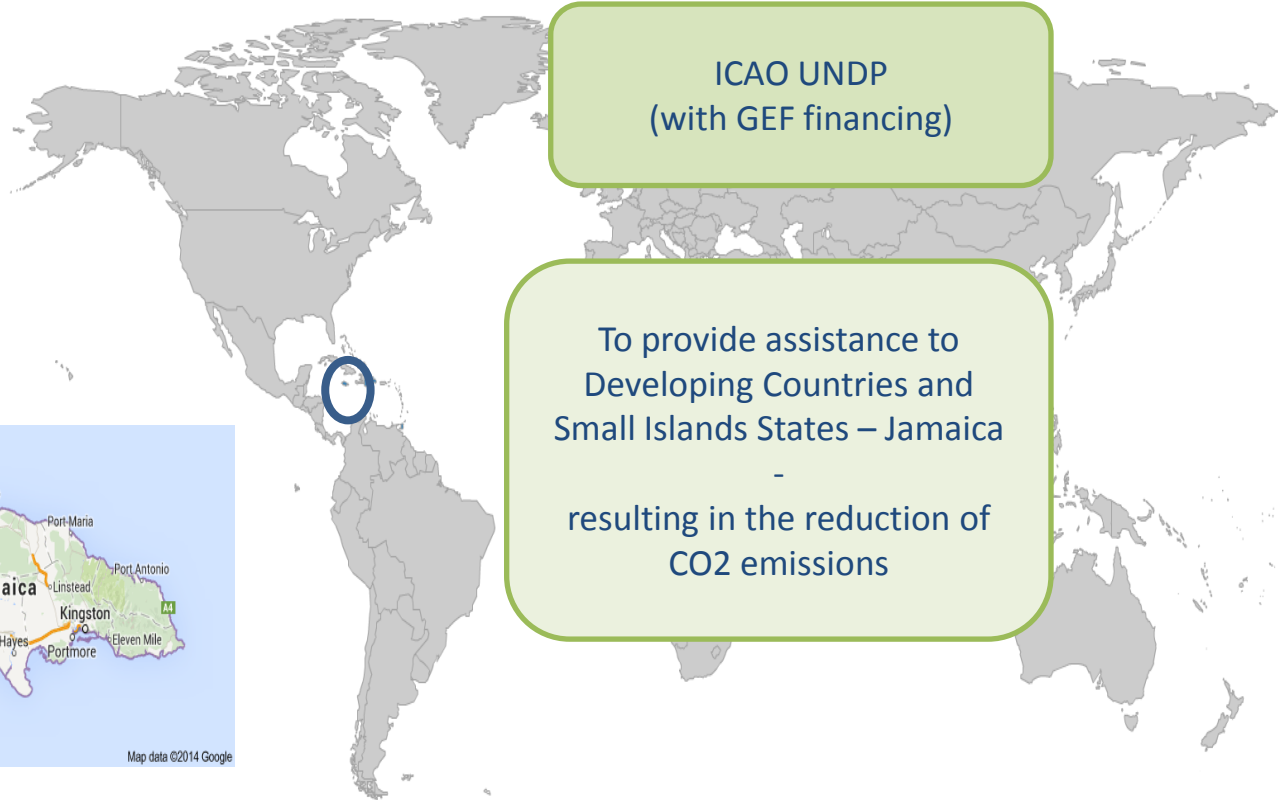
### Next steps:

- AES to be finalized and implemented in selected States
- Action Plans submitted by September 2015





## Global Assistance: ICAO-UNDP-GEF



ICAO UNDP  
(with GEF financing)

To provide assistance to  
Developing Countries and  
Small Islands States – Jamaica  
-  
resulting in the reduction of  
CO2 emissions





- Objective:  
To provide assistance to Developing Countries and Small Islands States resulting in the reduction of CO<sub>2</sub> emissions
- ICAO developed a Project Identification Form (PIF)
- PIF approved by GEF in 2013
- 50.000 USD allocated to develop Project Description Document
- 2 Million dollars assistance project





## Project components:

1-Identification of low emissions aviation measures in developing States and SIDS;

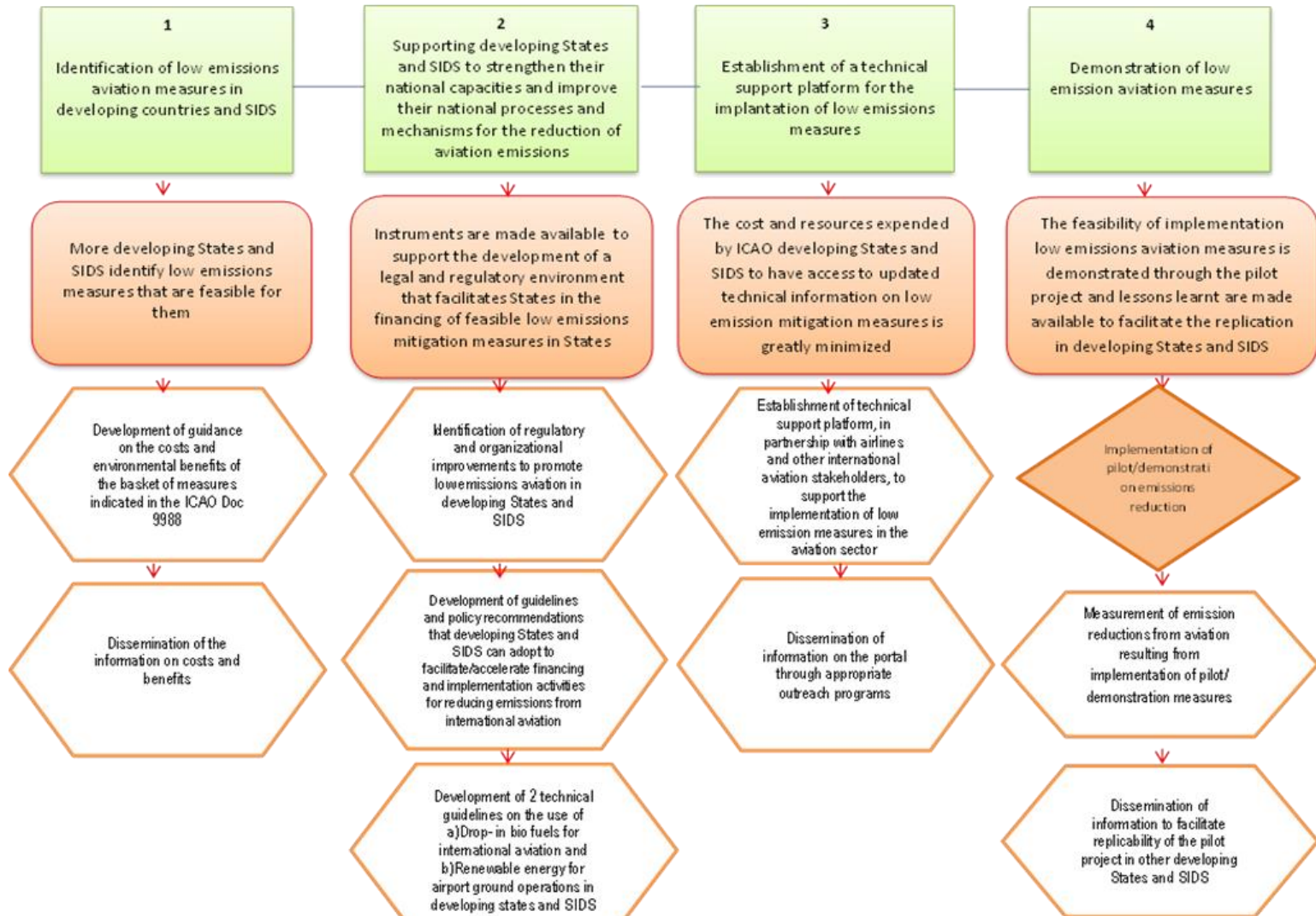
2-Support developing States and SIDS to strengthen their national capacities and to improve their national processes and mechanisms for the reduction of aviation emissions;

3-Establishment of a technical support platform for the implementation of low emissions measures;

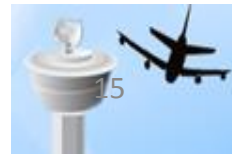
4-Demonstration of low emissions aviation measures in developing States and SIDS – Pilot Project in Jamaica



# ICAO – UNDP with GEF financing Project components



Note - Salient features of the project are subject to change as the project evolves and continues to develop.





- Project Description Document submitted to UNDP in July 2014
- Approved by UNDP in August 2014
- Project Description Document approved by GEF in November 2014

Project expected to start Spring 2015

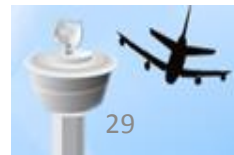




- Have a mitigation Project
- Use the Action Plan Platform and guidance to Request for Assistance
- Coordinate with ICAO for assistance and facilitation
- Independently or using ICAO assistance tap Sources of Mitigation Finance to secure financing.



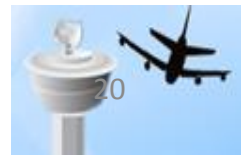
- ICAO is looking at States and external organizations which have potential funding opportunities for action on climate change from the aviation sector
- Climate change financial mechanisms and possibilities of financing for international aviation
  - Climate funds: <http://www.climatefundsupdate.org>
  - World Bank website <http://climatefinanceoptions.org/cfo/index.php>



**Adaption Measures:**  
 Those activities undertaken by stakeholders to manage the consequences of climate change.

Fund	Purpose	Administered by
Least Developed Countries Fund (LDCF)	Support the preparation and implementation of NAPAs (National Adaptation Program of Actions)	Global Environment Facility (GEF)
Adaptation Fund (AF)	Support long term adaptation measures to impacts of climate change	Global Environment Facility (GEF)
Global Climate Change Alliance (GCCA)	Bilateral initiative of the European Union to support most vulnerable countries to adapt to the effects of climate change	European Commission (EC)
Green Climate Fund (GCF)	Mechanism to transfer money from the developed to developing countries to assist them in their adaptation and mitigation measures	UNFCCC

**2012 Adaptation Financing was USD \$20-24 billion as part of the total USD \$ 359 billion for Annual Global Climate Finance**





## MULTILATERAL DEVELOPMENT BANKS

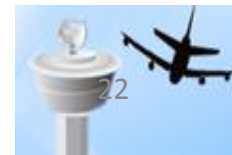
AfDB	African Development Bank
AsDB	Asian Development Bank
IADB	Inter-American Development Bank
EBRD	European Bank for Reconstruction and Development
EIB	European Investment Bank
IFC	International Finance Corporation
WB	World Bank (IDA and IBRD)
NIB	Nordic Investment Bank

## NATIONAL & SUB-REGIONAL DEVELOPMENT BANKS

BANOBRAS	Banco Nacional de Obras y Servicios Publicos SNC
BNDES	Brazilian Development Bank
CAF	Development Bank of Latin America
KfW	KfW Mittelstandsbank; KfW Privatkundenbank; KfW Kommunalbank; KfW Ipex-Bank
CDB	China Development Bank
BANCOLDEX	Banco de Comercio Exterior de Colombia S.A.
BCIE/CABEI	Central American Bank for Economic Integration
BE	Banco del Estado de Chile
BSTDB	Black Sea Trade and Development Bank of Greece
CDG	Caisse de Dépôt et de Gestion, Morocco
Exim	Indonesia Exim Bank
HBOR	Croatian Bank for Reconstruction and Development
KoFC	Korea Finance Corporation
NAFIN	Nacional Financiera
SIDBI	Small Industries Development Bank of India
TSKB	Industrial Development Bank of Turkey
VEB	Vnesheconombank, Russia

## BILATERAL FINANCE INSTITUTIONS

AFD	- Agence Française de Développement - Proparco
BIO	Belgian Investment Company for Developing Countries
CDC	CDC Group plc - UK
COFIDES	Compañía Española de Financiación del Desarrollo
DEG	KfW Deutsche Investitions- und Entwicklungsgesellschaft
FINNFUND	Finnish Fund for Industrial Cooperation Ltd
FMO	Netherlands Development Finance Company
JBIC	Japan Bank for International Cooperation
JICA	Japan International Cooperation Agency
KfW	KfW Entwicklungsbank
NADB	North American Development Bank
Norfund	Norwegian Investment Fund for Developing Countries
OeEB	The Development Bank of Austria
OPIC	Overseas Private Investment Corporation
SIFEM / OBVIAM	Swiss Investment Fund for Emerging Markets
SIMEST	Società Italiana per le Imprese all'Estero



## CLIMATE FUNDS

Adaptation Fund (AF)

Clean Technology Fund (CTF)

Congo Basin Forest Fund (CBFF)

Forest Carbon Partnership - Readiness Fund (FCPF-RF)

Forest Investment Program (FIP)

GEF Trust Fund (GEF 5)

Global Climate Change Alliance (GCCA)

Global Energy Efficiency and Renewable Energy Fund

Least Developed Countries Fund (LDCF)





## Example of GEF Focal Point

[http://www.thegef.org/gef/focal\\_points\\_list](http://www.thegef.org/gef/focal_points_list)

### United Arab Emirates

**Ms. Meshayel OMRAN ESSA**

**Operational Focal Point since 2014-12-05**

**Head of Climate Change**

**Ministry of Energy**

**Ministry of Energy**

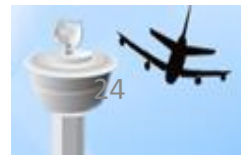
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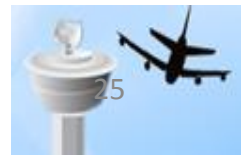
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# ICAO'S Key Role

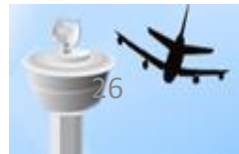




# ICAO's Assistance Strategy



- ✓ Knowledge sharing
- ✓ Capacity Building
- ✓ Facilitating green financing
- ✓ Enhanced implementation & emissions reductions.







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# QUESTIONS ?

# Thank you!

