



ICAO Assistance Project with EU Funding Phase II Capacity Building for CO₂ Mitigation from International Aviation

UPDATE ON THE PROJECT PROGRESS

In-person Seminar

Second Phase of the ICAO Assistance Project with EU Funding : *“Capacity Building for CO₂ Mitigation from International Aviation – Development of ICAO States’ Action Plans for 10 States”*

**Praia, 28 & 29 July 2022
Cabo Verde**



**By Hyacinthe Naré
Programme Coordinator**



**Project background and
description**



Implementation progress



Next steps



**Project background and
description**



Implementation progress



Next steps

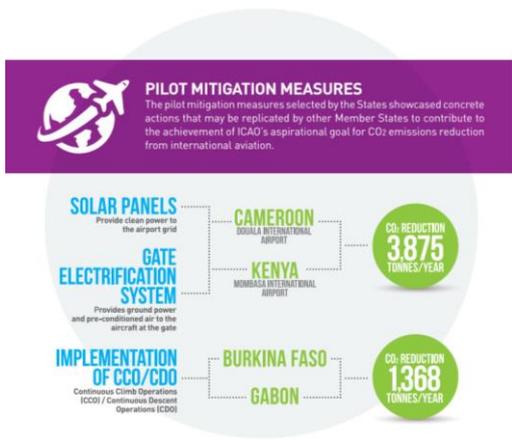


State Action Plans

- ❖ 2010: 37th Session of the ICAO Assembly (in 2010) requested Member States to voluntarily develop and submit **State Action Plans (SAP) on emissions reduction** activities in aviation.
- ❖ **Assistance** to States for SAP development:
No Country Left Behind



ICAO Assistance Project with EU Funding Phase I: successful implementation (2014-2019)



ICAO - European Union Assistance Project

CAPACITY BUILDING FOR CO₂ MITIGATION FROM INTERNATIONAL AVIATION

6.5€ MILLION BUDGET

The main objective of the ICAO-EU Assistance Project is to contribute to the mitigation of CO₂ emissions from international aviation by implementing capacity building activities that will support the development of low carbon air transport and environmental sustainability in the fourteen selected States. This project is a concrete example of ICAO's efforts to achieve the objectives of the "No Country Left Behind" initiative in the area of environmental protection.

Objectives:

- Objective 1: developing and implementing their States' Action Plans on CO₂ emissions reduction from international aviation.
- Objective 2: to establish aviation environmental systems for emissions monitoring at the State level, and
- Objective 3: to identify, evaluate and implement mitigation measures.

Phase I description and report at https://www.icao.int/environmental-protection/pages/ICAO_EU.aspx



**CONNECTING
FLIGHT TO A
LOW CARBON
FUTURE**

PHASE II
of the ICAO
Assistance Project:
Capacity Building
for CO₂ Mitigation
from International
Aviation.

Project funded by
European Commission



PHASE II: CAPACITY BUILDING FOR CO₂ MITIGATION FROM INTERNATIONAL AVIATION

PHASE II OBJECTIVES

OBJECTIVE

1

CAPACITY BUILDING

Improve national capacity of the participating States to develop, update and implement their Action Plans on CO₂ emissions reduction from international aviation in accordance with ICAO recommendations.

OBJECTIVE

2

ACTION PLANS DEVELOPMENT

Assist the participating States in developing and submitting their State Action Plans on emissions reduction.

OBJECTIVE

3

IMPLEMENTATION OF MITIGATION MEASURES

Assess the mitigation measures selected by the participating States and evaluate their feasibility.

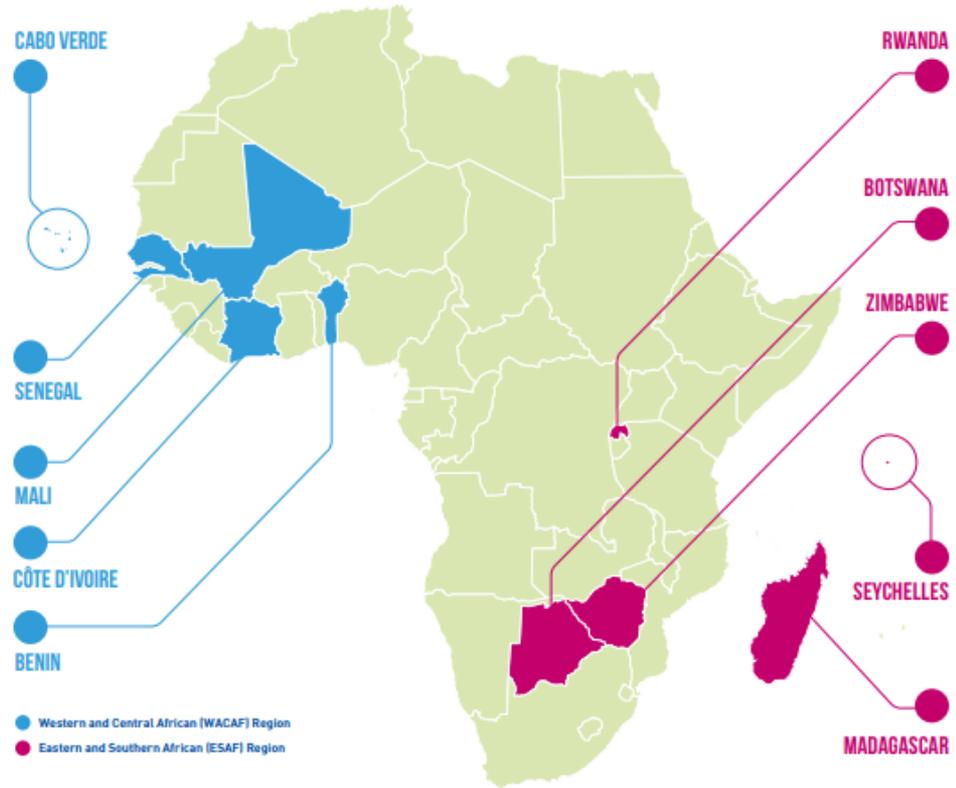


PHASE II PARTICIPATING STATES

EU Contribution: 1.5 € Million

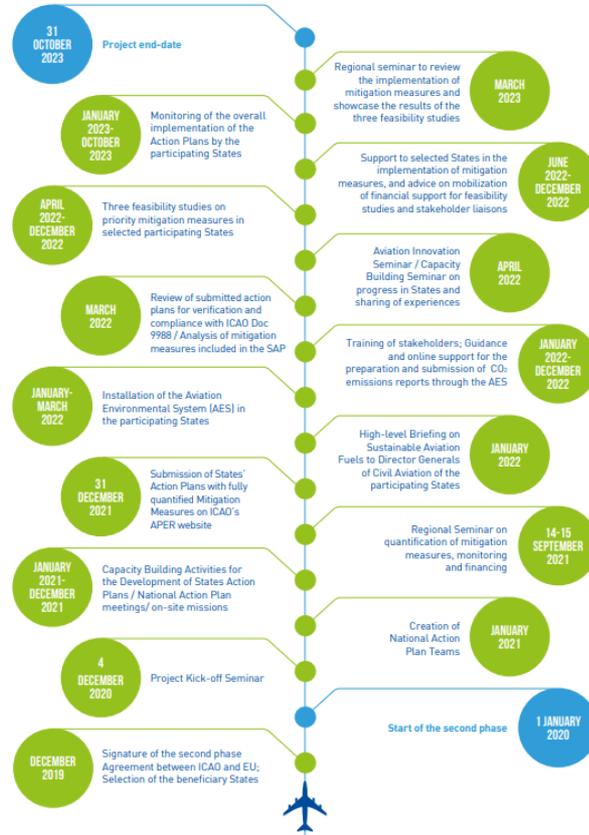
Contribution from States: staff resources, State's Office IT equipment for AES, etc.

Project duration: 2020-2023





PHASE II IMPLEMENTATION TIMELINE





Steering Committee

- ❖ Representatives from ICAO
 - Director, Air Transport Bureau
 - Director, Technical Cooperation Bureau
 - Deputy Director, Environment, Air Transport Bureau
 - Chief, Finance
- ❖ Representatives from the European Commission
 - DG International Partnerships (INTPA) F1
 - DG CLIMA B3
 - DG MOVE E1
- ❖ Representatives from States and Group of States

Implementation Team

- ❖ ICAO Deputy Director, Environment – *Strategic Direction*
- ❖ ICAO Environment Officers – *Technical Expertise (HQ and Regional Offices)*
- ❖ ICAO Administration- *Administrative support*
- ❖ ICAO Support (*FIN, ICT, Procurement, etc.*)
- ❖ Programme Coordinator Consultant – *Project Management*
- ❖ Technical Project Consultant – *Support to the States*
- ❖ Other Consultants- *feasibility studies*



Steering Committee

“Every year, before important project milestones, the project team will **submit a detailed project report** to the EC and the Steering Committee that will serve as a forum for technical discussions. The Steering Committee will:

- **Be informed** of the developed State action plan;
- **Discuss the technical issues** and the selection of the appropriate **measures** to be implemented, after considering the feasibility report developed by the project team;
- **Assign the budget** to various technical activities including those that need to be sub-contracted and/or implemented;
- **Adopt** the annual project report;
- **Be informed** of the performance and project milestones;
- **Approve release of funds** depending on progress towards each project milestone;
- **Serve as a forum to discuss** outreach measures and a communication strategy for the benefits derived from the project and obtain support from ICAO and EC management to ensure continuity.” (Section 6.1. Contribution Agreement)



**Project background and
description**



Implementation progress



Next steps



Progress



A-1.1. Complete designation of Focal Points



(Completed)

A-1.2. Assist States in the institutionalization of NAPTs



(Completed)

A-2.1. Assess existing skills/capacity on AP development



(Completed)

A-2.2. Kick-off seminar

4 Dec 2020



(Completed)



Progress



A-2.3. National workshops for assistance on the AP development



(Completed)

A-2.4. Installation of (AES) to assist States in the data collection and monitor emissions



(Completed)

A-2.5. Regional Seminar for Action Plans



(Completed)

A-2.6. Assistance for submission on APER



(Completed)



Progress



A-2.7. Review submitted Action Plans for verification and compliance with ICAO Doc 9988..



(Completed)

A-2.8. Using the AES to monitor implementation of the Action Plans using the AES



(Oct 2022-2023)

A-3.1. Analysis of Mitigation Measures



(Completed)

A-3.2. Feasibility studies



(Oct 2022)



Progress



A-3.3 Support selected States with outreach activities

←→ In progress

A-3.4. Support to the beneficiary States in the implementation of their mitigation measures by providing advice, liaison with relevant stakeholders, etc

←→ ←→ In progress

A-3.5. Regional Seminars to exchange on the implementation of the mitigation Measures and to showcase the results of the three feasibility studies

←→ 2023

A-3.6. Monitor overall implementation of the Action Plans by the beneficiary States

←→ ←→ 2022-2023



Progress- A-1.1.: Focal Points

State	Number of FPs	Reference
Benin	2	Letter No. 0350/ANAC/MIT/DSV-DAF/SARH/SA dated 4 March 2020 and Letter No 0369/ANAC/MIT/DSV/SA dated 22 March 2021
Botswana	2	Letter Ref: CAAB 13/1/22 I(37) dated 11 March 2020 and Letter No. CAAB 13/1/22 I(45) dated 19 November 2020;
Cabo Verde	2	Letter Ref ENV 8/1.1 dated 18 February 2020 -Letter N/Ref: 38/ACC-CA/2021 dated 5 January 2021; Letter Ref: 199/AAC-CA/2021 dated 21 April 2021
Côte d'Ivoire	2	Letter N/Ref 00001352/ANAC/DSV/SDNA/SEN dated 27 February 2020
Madagascar	2	Letter No 56 ACM-DGE dated 7 April 2020 ;
Mali	2	Letter No 20/000507/ANAC/DG/OQS dated 20 February 2020
Rwanda	2	Letter No. 1206/02957/2020 dated 31 January 2020 ; Letter No 12106/03062/2020 dated 25 February 2020
Senegal	2	Letter No. 00572 ANACIM/DG/DSV dated 2 March 2020 ; 00418 ANACIM/DG/DSV dated 19 February 2021
Seychelles	2	Letter Ref. to be confirmed
Zimbabwe	2	Letter Ref: ENV 8/1.1 dated 2 March 2020



Progress- A-1.2.: National Action Plan Teams

State	Decision and date	Authority
Benin	Decision No 006/ANAC/MIT/DSV-DAF/SARH/SA dated 29 January 2021	Directeur General de l'Aviation Civile
Botswana	Decision No1/CAAB 13/1/22 I of 2021 dated 5 February 2021	Acting Chief Executive Officer Civil Aviation Authority of Botswana
Cabo Verde	Resolucao No 72/2021, Boletim Oficial I Serie, Numero 69, 14 Julho de 2021	Conselho de Ministros
Côte d'Ivoire	Decision No 005394/ANAC/DSV/DTA, dated 25 September 2018	Directeur General de l'Autorite Nationale de l'Aviation Civile
Madagascar	Decision No 066 DGE/ENV dated 9 March 2021	Directeur General de l'Aviation Civile
Mali	Lettre circulaire No 2021-00010/ANAC/DG/CQS dated 22 Janvier 2021	Directeur General de l'Agence Nationale de l'Aviation Civile
Rwanda	Awaiting signature still in progress	
Senegal	Decision No 00668/ANACIM/DG dated 19 Mars 2021	Directeur General de l'Agence Nationale de l'Aviation Civile et de la Meteorologie
Seychelles	Decision to be confirmed	
Zimbabwe	Decision No 1/CAAZ/SAP CO2/18/02/2021 dated 18 February 2021	Acting Director-General Civil Aviation Authority



Progress- A-1.2.: National Action Plan Teams



NAPT Botswana



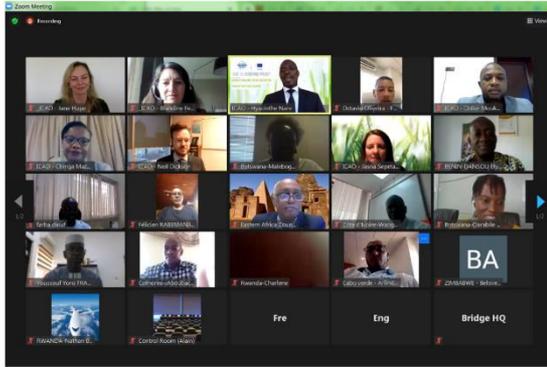
NAPT Cote d'Ivoire

- ❖ Ministère des Transports
- ❖ ANAC
- ❖ MINEDD
- ❖ MINMPE
- ❖ ASECNA
- ❖ Air Côte d'Ivoire
- ❖ Solenta Aviation Côte d'Ivoire
- ❖ AERIA
- ❖ SODEXAM
- ❖ NAS Ivoire
- ❖ Pool Pétrolier



Progress- A-2.3.: More than 50 National Meetings in English and French

State	NAPT 1	NAPT 2	NAPT 3	NAPT 4	NAPT 5
Benin	23 February 2021	April 4,2021	May 27,2021	June 28,2021	August 16,2021
Botswana	March 12.2021	April 16,2021	May 20,2021	June 26,2021	August 30,2021
Cabo Verde	August 3,2021	August 18,2021	September 10,2021	December 2021	December 2021
Côte d'Ivoire	January 21,2021	February 4,2021	March 3,2021	May 5,2021	June 18,2021
Madagascar	March 31,2021	April 23,2021	June 3,2021	July 14,2021	December 2021
Mali	March 5,2021	April 6,2021	May 4,2021	May 26,2021	June 29,2021
Rwanda	March 31,2021	April 27,2021	June 7,2021	December 2021	December 2021
Senegal	March 11,2021	April 15,2021	May 13,2021	June 10,2021	July 19,2021
Seychelles	September 2021	December 2021	December 2021	December 2021	December 2021
Zimbabwe	March 26,2021	May 27,2021	June 24,2021	July 30,2021	August 24,2021

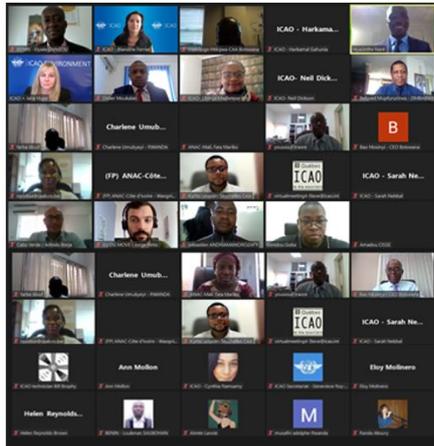


Kick-off Seminar (04 Dec 2020)



High-level Briefing on SAF Briefing to DGCAs (28 Jan 2022)

- Participation of all Beneficiary States (DGs or Representatives):
- Environmental benefits of SAF
 - Importance of the involvement of States
 - Benefits of SAF in the Action Plans



Regional Seminar (14-15 Sept 2021)

- Training sessions:
- Quantification
 - APER website
 - Financing
 - Aviation Environmental System
 - Experience sharing



Innovation Seminar (19-20 Apr 2022)

- GIZ, SASOL, WWF-SA, RSB, FineAlt Engineering, Mauritius, India, Gabon, Kenya, IATA, ASECNA

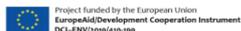


ICAO / Environmental Protection / ICAO Assistance Project with the European Union (EU) Funding, Phase II

- Home
- Scientific Understanding
- Environmental Trends
- Technology Goals & Standards
- Aircraft Noise
- Trends
- Technology Goals
- Technology Standards (Reduction of noise at source)
- Land Use Planning and Management
- Noise Abatement Procedures
- Operating Restrictions
- Noise from new aircraft concepts
- Local Air Quality
- Trends
- Technology Goals
- Technology Standards
- Guidance on Airport Air Quality
- Climate Change
- Feasibility of a long-term global aspirational goal
- Trends

ICAO Assistance Project with the European Union (EU) Funding, Phase II

CAPACITY BUILDING FOR CO₂ MITIGATION FROM INTERNATIONAL AVIATION



Project funded by the European Union
EuropeAid/Development Cooperation Instrument
DCI-ENVI/2013/610-199

First phase of the project

The first phase of the ICAO Assistance Project with the European Union Funding officially concluded on 30 June 2019.

This project successfully supported 14 States in Africa and the Caribbean, and met all its expected results, exceeding some of the initial targets by its completion.



Final report of the First phase

Second phase

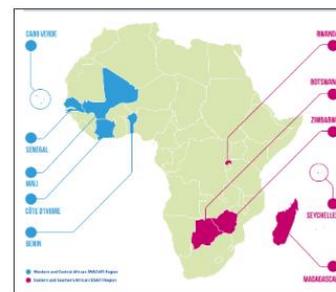
Building on this successful partnership with the EU, and committed to ensuring that *No Country is Left Behind*, ICAO initiated the **second phase** of the ICAO Project-Capacity Building for CO₂ Mitigation from International Aviation-Development of ICAO States' Action Plans for 10 States, with an implementation period from 2020 to 2023.



Project Brochure



Project poster



Beneficiary States

Visibility materials

Website



Secure portal



Secured hosting and maintenance of the UNITAR course for 4 years

UN CC:e-Learn

About Us My Courses All Courses

International Aviation CO2 Emissions Reduction : States' Action Plans

States' Action Plans on CO2 Emissions Reduction from International Aviation

Module 1: Interactive lesson



States' Action Plans on CO2 Emissions Reduction from International Aviation

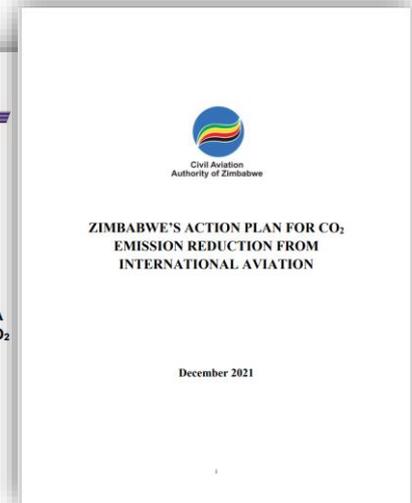
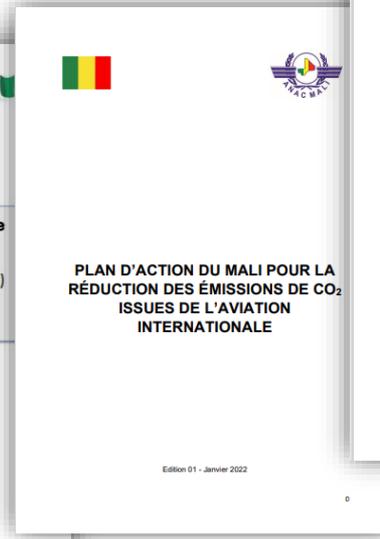
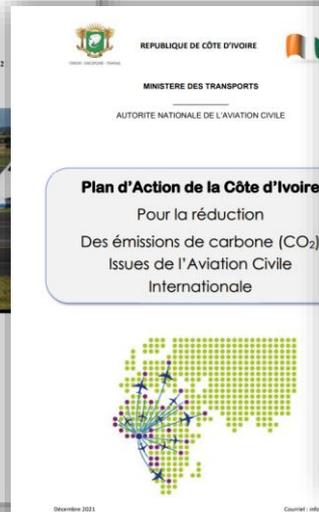


- Important course for the Capacity building activities
- accessible to all Focal Points for training on SAP
- All users can register for this course
- Provides higher visibility through the One UN Climate Change Learning platform
- Self-paced, training at FP's own schedule prevents time zone issues



Achievement:

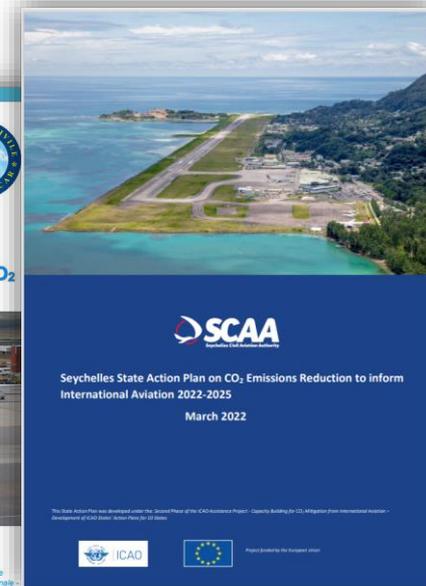
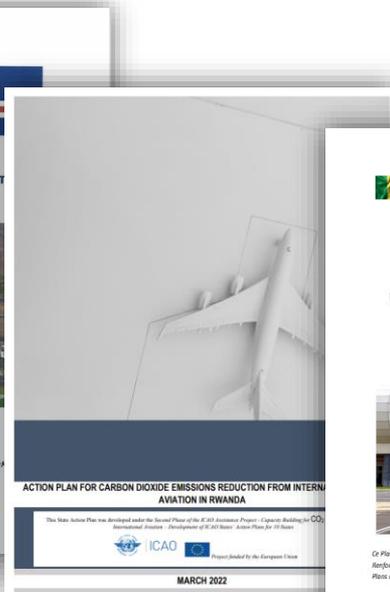
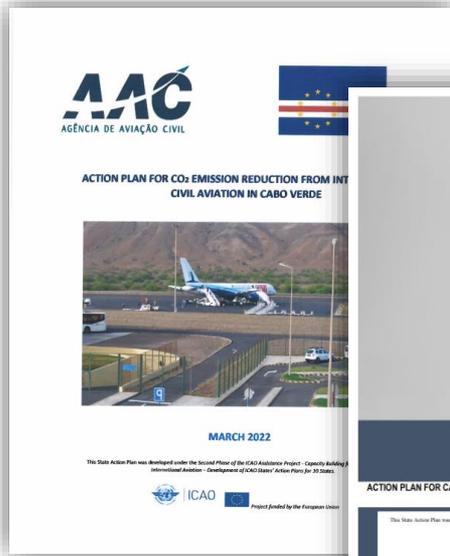
- 10 SAPs with quantified Mitigation Measures submitted.





Achievement:

- 10 SAPs with quantified Mitigation Measures submitted.





**Project background and
description**



Implementation progress



Next steps



**Project background and
description**



Implementation progress



Next steps



2022-2023 Activity Plan

Activity	Dates	Notes
10 On-site Missions for the Training on the Aviation Environmental System	To be scheduled with each State	
Feasibility Studies	May-December 2022	
4th Steering Committee Meeting	9 September 2022	
SkyTalk at the ICAO Assembly	Sept-Oct 2022	
Interim Mission	October 2022	



**OUR FINAL
DESTINATION**

Thanks to this
partnership between
ICAO and the EU,
participating States are charting
a new course in aviation worldwide. Our
final destination: a greener, cleaner future.



North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU