

CORSIA Africa and Caribbean

Second Project Management Board

Bruxelles, 21st November 2022

Working for quieter and cleaner aviation.

Your safety is our mission.

PROJECT HIGHLIGHTS



This project is funded by the European Union
and implemented by EASA.

Capacity building for CO₂ mitigation from international aviation Africa and the Caribbean



| | |
|--------------------------------------|---------------------------------------|
| Location(s) of the action: | Sub Saharan Africa and the Caribbean |
| Financed by | The European Union |
| Implementing partner | European Union Aviation Safety Agency |
| Start date End date | 19 December 2019 18 January 2024 |

WHY?



This project is funded by the European Union
and implemented by EASA.



The **overall objective** of this project is to mitigate greenhouse gas emissions from the civil aviation sector,

more specifically:

to assist specific states to meet their obligations under the Chicago Convention with regard to the United Nations Sustainable Development Goal (SDG) N° 13— Take urgent action to combat climate change and its impacts.



WHAT?



This project is funded by the European Union
and implemented by EASA.



The specific objective is:

Countries track, manage and report their aviation emissions and competently apply CORSIA as from the start of its voluntary phase or at the earliest possible time.

GOALS



This project is funded by the European Union
and implemented by EASA.



States' abilities to monitor, report and verify (MRV) their civil aviation emissions are strengthened and meet international quality standards

States apply CORSIA methodology, meet its registry requirements and apply CORSIA as early as possible

States' awareness, understanding and knowledge of aviation's climate impacts and of the policies to address them is improved



Contributes to global climate change action, to the decarbonisation of the aviation sector, to the work of ICAO and sectors to net zero target in the interest of citizens and industry.



- This is done by supporting the state aviation authorities and/or the DGCA/DGC of the ministry of transport

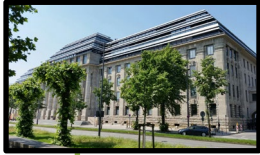
Promotes international environmental standards and expertise

- This is done by
 - assisting civil aviation authorities in their implementation of international environmental standards and recommended practices
 - assisting National Accreditation Bodies from the region in launching the ISO 14065/17029 scheme and CORSIA sub- scope

Presentation of Project Team



This project is funded by the European Union
and implemented by EASA.



EASA HQ (Cologne)

- Project Manager:
Eleonora Italia
- Project Assistant:
Gabriella Garaffa



EASA experts

- Environmental expert – Market-based Measures:
Joonas LAUKIA



Project experts

- **Lead ENV Expert:**
- Monica Bonfanti
- **3 ENV Experts:**
- Mathias Grossman
- Maria de la Rica
- Africa Abajas
- **3 NAB/ISO Experts:**
- John Shideler
- Louis Militana
- Veronica Garcia Malo
- **2 IT Experts:**
- **Tahir Riaz**
- **Fareed Ahmed Badvi**

AVIATION EMISSION DATA MONITORING SYSTEM EXPERTS



This project is funded by the European Union and implemented by EASA.

FROM OCTOBER 2022



2 AeDMS experts

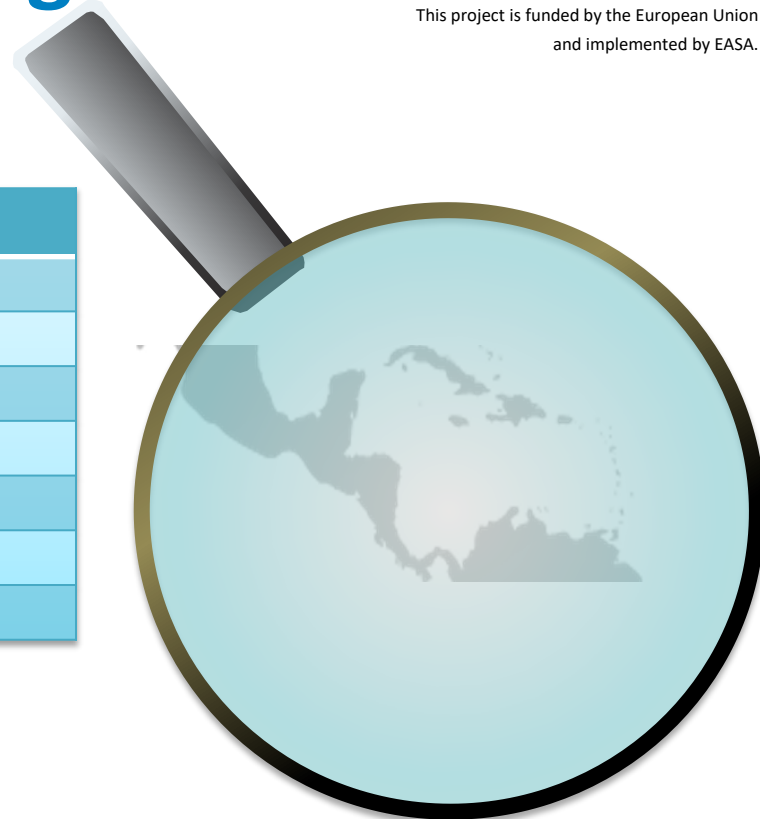


Selection of countries – 3 regions



This project is funded by the European Union
and implemented by EASA.

| # | Caribbean countries | |
|---|---------------------|-----------------------|
| 1 | Antigua and Barbuda | Haiti |
| 2 | Bahamas | Jamaica |
| 3 | Barbados | St. Lucia |
| 4 | Belize | Trinidad and Tobago |
| 5 | Cuba | Grenada |
| 6 | Dominican Republic | Saint Kitts and Nevis |
| 7 | Guyana | Suriname |

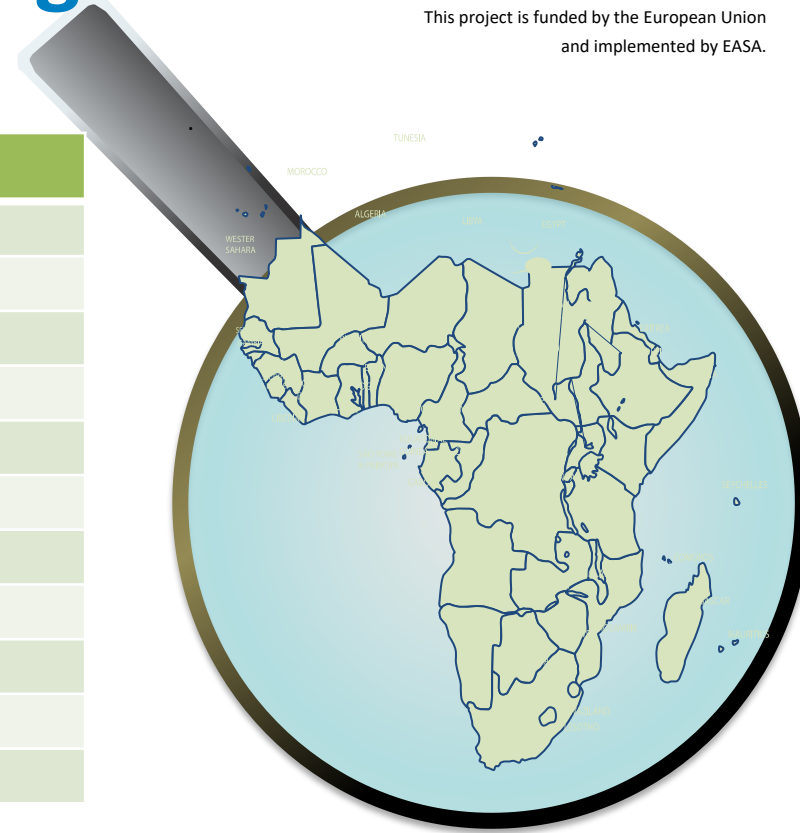


Selection of countries – 3 regions



This project is funded by the European Union
and implemented by EASA.

| # | Africa English speaking countries | |
|----|-----------------------------------|----------------|
| 1 | Angola | Nigeria |
| 2 | Botswana | Rwanda |
| 3 | Cape Verde | Seychelles |
| 4 | Ethiopia | South Africa |
| 5 | Ghana | Sudan |
| 6 | Kenya | UR of Tanzania |
| 7 | Malawi | Uganda |
| 8 | Mauritius | Zambia |
| 9 | Mozambique | Zimbabwe |
| 10 | Namibia | The Gambia |
| 11 | | South Sudan |

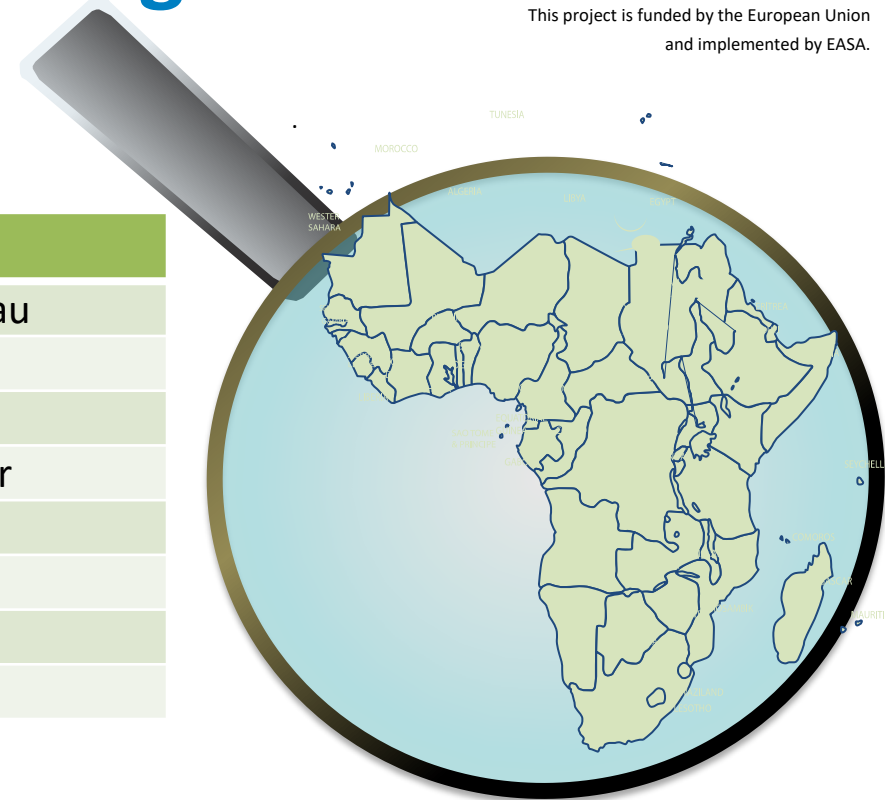


Selection of countries – 3 regions



This project is funded by the European Union and implemented by EASA.

| # | Africa Francophone countries | |
|---|------------------------------|---------------|
| 1 | Benin | Guinea-Bissau |
| 2 | Burkina Faso | Mali |
| 3 | Cameroon | Mauritania |
| 4 | Union of the Comoros | Madagascar |
| 5 | Côte d'Ivoire | Niger |
| 6 | DR Congo | Senegal |
| 7 | Equatorial Guinea | Togo |
| 8 | Gabon | |



UPDATE ON THE STATES SUPPORTED BY THE PROJECT AND VOLUNTEERING CORSIA



This project is funded by the European Union and implemented by EASA.

01.08.2022- “CORSIA States for Chapter 3 State Pairs” Third Edition



July 2022

From the start of the project implementation phase, the following states have joined the scheme:

2021: Mali, Suriname, Belize, Trinidad and Tobago, Barbados, South Sudan, Gambia, Bahamas, Grenada

2022: Cuba, Saint Vincent and the Grenadines, Zimbabwe, **Seychelles**

In total, as of today, 32 states supported by the project participate in the CORSIA

UPDATE ON THE STATES SUPPORTED BY THE PROJECT AND VOLUNTEERING CORSIA



This project is funded by the European Union
and implemented by EASA.

States that notified of its intention to voluntarily participate in CORSIA from 1 January 2023-

Zimbabwe (March 2022-108 State volunteering CORSIA)

Saint Vincent and Grenadines (June 2022- 112 State volunteering CORSIA)

Cuba (June 2022- 114 State volunteering CORSIA)

Seychelles (October 2022-117 State volunteering CORSIA)

Source:<https://www.icao.int/environmental-protection/CORSIA/Pages/default.aspx>

Last access 12.11.2022

Work plan



This project is funded by the European Union and implemented by EASA.

| Activities pertaining to Area of Activity 2 | 2021 | | | | 2022 | | | | 2023 | | | |
|---|------|----|----|----|------|----|----|----|------|----|----|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Launching events | | | | | | | | | | | | |
| Regional workshops | | | | | | | | | | | | |
| Multilateral workshops | | | | | | | | | | | | |
| Bilateral support - legal | | | | | | | | | | | | |
| Bilateral support – accreditation | | | | | | | | | | | | |
| Bilateral support – eligible emission units | | | | | | | | | | | | |
| Bilateral support – IT tools | | | | | | | | | | | | |
| Closure | | | | | | | | | | | | |

| Activities pertaining to area of Activity 3 | 2021 | | | | 2022 | | | | 2023 | | | |
|---|------|----|----|----|------|----|----|----|------|----|----|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Launching events | | | | | | | | | | | | |
| Regional workshops | | | | | | | | | | | | |
| Multilateral training – EMS | | | | | | | | | | | | |
| Multilateral training – Indicators and M&E | | | | | | | | | | | | |
| Bilateral support – EMS implementation | | | | | | | | | | | | |
| Closure | | | | | | | | | | | | |

Work plan



This project is funded by the European Union and implemented by EASA.

| Activities pertaining to Area of Activity 2 | 2021 | | | | 2022 | | | | 2023 | | | |
|---|------|----|----|----|------|----|----|----|------|----|----|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Launching events | | | ■ | | | | | | | | | |
| Regional workshops | | | ■ | ■ | ■ | ■ | | | ■ | | | |
| Multilateral workshops | | | | ■ | ■ | ■ | ■ | | ■ | | ■ | |
| Bilateral support - legal | | | | ■ | ■ | ■ | ■ | ■ | | | | |
| Bilateral support – accreditation | | | | ■ | ■ | ■ | ■ | ■ | | | | |
| Bilateral support – eligible emission units | | | | | | ■ | ■ | ■ | ■ | | | |
| Bilateral support – IT tools | | | | | | | ■ | ■ | ■ | ■ | ■ | |
| Closure | | | | | | | | | | | | ■ |

| Activities pertaining to area of Activity 3 | 2021 | | | | 2022 | | | | 2023 | | | |
|---|------|----|----|----|------|----|----|----|------|----|----|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Launching events | | | ■ | | | | | | | | | |
| Regional workshops | | | ■ | ■ | | ■ | | ■ | | ■ | | |
| Multilateral training – EMS | | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| Multilateral training – Indicators and M&E | | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| Bilateral support – EMS implementation | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| Closure | | | | | | | | | | | | ■ |

A 2.1 On going activities



This project is funded by the European Union
and implemented by EASA.

A 2.1. Support countries in creating the legal regulatory framework required to implement CORSIA

Angola
Botswana
Uganda
South Sudan
Cameroon
Mali
Burkina Faso
Ethiopia
Guinea
Barbados
Guyana
Trinidad and Tobago
Jamaica

Desktop review of primary aviation legislation, specific operating regulations, and regulatory framework in partner states

Desktop review of the organisation in place for the MRV implementation in partner states

Readiness assessment (e.g. resources available, training, policy and procedures)

UPDATE ON A 2.1



This project is funded by the European Union
and implemented by EASA.

A 2.1. Support countries in creating the legal regulatory framework required to implement CORSIA

→ ENGLISH-SPEAKING AFRICAN STATES

ZAMBIA, NAMIBIA AND BOTSWANA: activity was entirely delivered aligned with the requests

ETHIOPIA, GUINEA: on going activity

ANGOLA, UGANDA AND SOUTH SUDAN: pending and/or not finalised yet

→ FRENCH-SPEAKING AFRICAN STATES

COTE D'IVOIRE and CAMEROON: legal framework in place and/or to be updated with OFFSETTING PART

BURKINA FASO, BURUNDI AND GABON: pending and/or not finalised yet

→ CARIBBEAN STATES

BARBADOS, GUYANA, TRINIDAD AND TOBAGO: legal framework in place

JAMAICA, SURINAME, CUBA: pending/not finalised yet/ to be revised to integrate OFFSETTING PART

NEXT STEPS ON A 2.1



This project is funded by the European Union
and implemented by EASA.

A 2.1. Support countries in creating the legal regulatory framework required to implement CORSIA

1) Finalise the pending activities with the states quoted below

→ ENGLISH-SPEAKING AFRICAN STATES

ANGOLA, UGANDA AND SOUTH SUDAN: pending and/or not finalised yet

ETHIOPIA, GUINEA: on going activity

→ FRENCH-SPEAKING AFRICAN STATES

BURKINA FASO, BURUNDI AND GABON: pending and/or not finalised yet

COTE D'IVOIRE and CAMEROON: legal framework in place and/or to be updated with OFFSETTING PART

→ CARIBBEAN STATES

JAMAICA, SURINAME, CUBA: pending/not finalised yet/ to be revised to integrate OFFSETTING PART

2) Re-contact the project supported states to assess their interest in being supported by the project

3) Explore the interest of other states to be supported in similar activities for the regulatory amendment work

A 2.2 On going activities



This project is funded by the European Union
and implemented by EASA.

Angola
Cabo Verde
Kenya
Namibia
Tanzania
Zambia
Gabon
Suriname
Antigua
Guyana
Barbados
Trinidad
and Tobago

Rwanda
South Sudan
Uganda
Mozambique
Cameroon
Cote d'Ivoire
Mali
Burundi
Ethiopia

A 2.2. Support countries in designing the MRV system and the related EMP and ER. Support in designing and upgrading AES as per CORSIA requirements

Review of the national legal MRV framework implemented and enforceable to handle Emission Monitoring Plans (EMP) and Emissions Report (ER) in partner states

Review the criteria and procedures in place at national level on eligible emission units in partner states

UPDATE ON A 2.2.- ENGLISH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.2. Support countries in implementing the MRV system and the related EMP and ER. Support in designing and upgrading AES as per CORSIA requirements

Angola: Workshop on MRV for SA and AO delivered

Botswana: Assessment of applicability of CORSIA MRV requirements to AOs delivered

Cabo Verde: Session on Order of Magnitude Check delivered

Zambia: Evaluation of the emissions reported by AO in 2020 delivered

Rwanda: Workshop on MRV delivered

Mozambique: Workshop on MRV delivered

Ethiopia: Workshop on MRV delivered for AO,SA, NAB, Ministry of Transport and EPA

PENDING ACTIVITIES

Namibia: Session on CERT for AO

Tanzania: Workshop on MRV

South Sudan: General MRV support requested to be provided onsite only

Uganda: Workshop on MRV



A 2.2. Support countries in implementing the MRV system and the related EMP and ER. Support in designing and upgrading AES as per CORSIA requirements

1) Finalise the pending activities with the states quoted below

Namibia: Session on CERT for AO

Tanzania: Worksop on MRV

South Sudan: General MRV support requested to be provided onsite only

Uganda: Workshop on MRV

Guinea: Workshop on MRV

2) Re-contact the project supported states to assess their interest in being supported by the project

3) Explore the interest of other states to be supported in similar activities

UPDATE ON A 2.2.- FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.2. Support countries in implementing the MRV system and the related EMP and ER. Support in designing and upgrading AES as per CORSIA requirements

Senegal : workshop with SA and AO on EMP

Cameroon: session on MRV with SA

Cote d'Ivoire: 2 days of training for SA and AO on CERT and FUMM

PLANNED FOR NOVEMBER 25.11.2022 AND IN 2023-

Cameroon: session on revision of EMP, CERT simulation for SA and AO+ Session in January 2023 on offsetting

PENDING ACTIVITIES

Mali: Session on MRV

Burundi: Session on MRV

Burkina Faso: Session on MRV

Gabon: Session on MRV

NEXT STEPS ON A 2.2.-FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.2. Support countries in implementing the MRV system and the related EMP and ER.

Support in designing and upgrading AES as per CORSIA requirements

1) Finalise the pending activities with the states quoted below

Mali: Session on MRV

Burundi: Session on MRV

Burkina Faso: Session on MRV

Gabon: Session on MRV

2) Re contact the project supported states to assess their interest in being supported by the project

3) Explore the interest of other states to be supported in similar activities

4) Process the new requests emerged during/after the workshop in Dakar (**Madagascar asked to involve their ministry of environment in the work to clarify the work with CORSIA versus the carbon market and the work the Ministry of Environment has been planning for the NDC/carbon market)**

UPDATE ON A 2.2.- CARIBBEAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.2. Support countries in implementing the MRV system and the related EMP and ER.

Support in designing and upgrading AES as per CORSIA requirements

Antigua (+ islands): 1 to 1 with the SA to check data for 2020 and 2021. Estimation of CO2 emissions for 2021 for AO attributed to Antigua, generating the assessment through CERT rather than through FRED+ as they used to do before.

Cuba: 2 days of training on MRV for the SA and AO and CERT simulation+ Mission on the field with training on CORSIA and OFFSETTING aligned with ICAO A41 for the SA, AO, NAB and CITMA

Dominican Republic: 1 training of 2 days for the SA, AO on CORSIA and use of CERT (simulation with CERT). 1 training of 2 days on CORSIA for the NAB and candidate VB. 1 training of 2 days on the GHG scheme for the NAB and Ministry of environment

Guyana: 1 to 1 with the SA

Suriname: 1 to 1 with the SA. 1 to 1 with the two AOs. Assist AO in revising 2019 and 2020 data. Assisting the SA on the OMC. Revision of 2021 data

Barbados: 1 to 1 during the regional workshop in May 2021 in Antigua

NEW REQUESTS

Suriname: Training on CORSIA for new candidate AOs+SA (28,29 and 30 November 2022)

Dominican Republic: Training on CORSIA for new candidate AOs in cooperation with IDAC national activity (January 2023)

PENDING ACTIVITIES

Jamaica: Session on CERT and MRV

Trinidad and Tobago: Session on CERT and MRV

NEXT STEPS ON A 2.2.- CARIBBEAN STATES



This project is funded by the European Union
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A 2.2. Support countries in implementing the MRV system and the related EMP and ER. Support in designing and upgrading AES as per CORSIA requirements

1) Finalise the pending activities with the states quoted below

Jamaica: Session on CERT and MRV

Trinidad and Tobago: Session on CERT and MRV

2) Process the new requests emerged before/after the ICAO A41 (Suriname, Dominican Republic)

3) Explore the interest of other states to be supported in similar activities

4) Under evaluation: mission in Antigua and the islands to explain benefits for Antigua to join CORSIA and engage the governmental bodies. (all other ECCAA states have joined and Antigua does not have direct flights to/from EU (only to/from UK))

A 2.2.2 On going activities



This project is funded by the European Union
and implemented by EASA.

Cameroon
Cote d'Ivoire
Dominican Republic
Ethiopia

A 2.2.2 Training on IT data collection tools (CORSA-ready AES 2.0 developed/deployed in project phase I) or alternative IT data collection tool, installation, data importing and extraction procedures

Multi group training sessions on IT data collection tools and processes to states joining CORSA pilot phase

Bilateral support on development and use of IT tool in combination with activity under A.2.2

UPDATE ON A 2.2.2- AES QUESTIONNAIRE



This project is funded by the European Union and implemented by EASA.

NEW REQUEST FROM THE REGIONAL WORKWHOPS ANTIGUA AND DAKAR: AES READY TO START



Questionnaire for Data Collection used for CORSIA Monitoring, Reporting and Verification (MRV)

AeDMS Experts, EU CORSIA AFRICA AND CARIBBEAN PROJECT

IT Infrastructure and Management

Section 1. Organization and Management

Q 1.1. Number of IT personnel devoted to the following IT functions?

- Application Development
- IT System Administration
- IT Help Desk
- IT Training
- Strategy and Planning
- Others ____

Q 1.2. How many management level people are included in the IT function and what are their positions? If you have an organizational chart of the IT department available, please attach it to this questionnaire.

Q 1.3. What is your annual IT budget for the current year in the following areas:

- Hardware
- Software
- External costs
- Internal IT salaries/benefits
- External consultants
- Others ____

UPDATE ON A 2.2.2- FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.2.2 Training on IT data collection tools (CORSA-ready AES 2.0 developed/deployed in project phase I) or alternative IT data collection tool, installation, data importing and extraction procedures

NEW REQUEST FROM THE REGIONAL WORKSHOP IN DAKAR

Cameroon: assist in upgrading the work done by ICAO with the AES to reflect CORSA and offsetting

Cote d'Ivoire: coordination with ANAC but already framed within ICAO support

- **ONGOING WORK: ASSESSMENT PHASE OF THE IT INFRASTRUCTURE CONDUCTED ON 17.11.2022 USING A SEMI GUIDED QUESTIONNAIRE**

NEXT STEPS ON A 2.2.2 -

FRENCH-SPEAKING AFRICAN STATES-



This project is funded by the European Union
and implemented by EASA.

A 2.2.2 Training on IT data collection tools (CORSIA-ready AES 2.0 developed/deployed in project phase I) or alternative IT data collection tool, installation, data importing and extraction procedures

- 1) Finalise the design and use of AES for Cameroon
- 2) Process the request emerged during the workshop in Dakar
- 3) Explore the interest of other states to be supported in similar activities

UPDATE ON A 2.2.2- ENGLISH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.2.2 Training on IT data collection tools (CORSIA-ready AES 2.0 developed/deployed in project phase I) or alternative IT data collection tool, installation, data importing and extraction procedures

Ethiopia: assist in upgrading the work done by ICAO with the AES to reflect CORSIA and offsetting

PENDING ACTIVITIES

Ethiopia: assist in upgrading the work done by ICAO with the AES to reflect CORSIA and offsetting

NEXT STEPS ON A 2.2.2 - ENGLISH-SPEAKING AFRICAN STATES-



This project is funded by the European Union
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A 2.2.2 Training on IT data collection tools (CORSIA-ready AES 2.0 developed/deployed in project phase I) or alternative IT data collection tool, installation, data importing and extraction procedures

- 1) Process the new requests emerged during/after the workshop in Dakar
- 2) Explore the interest of other states to be supported in similar activities

UPDATE ON A 2.2.2- CARIBBEAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.2.2 Training on IT data collection tools (CORISIA-ready AES 2.0 developed/deployed in project phase I) or alternative IT data collection tool, installation, data importing and extraction procedures

Dominican Republic: assist in upgrading the work done by ICAO with the AES to reflect CORISIA and offsetting

PENDING ACTIVITIES

Dominican Republic: assist in upgrading the work done by ICAO with the AES to reflect CORISIA and offsetting

NEXT STEPS ON A 2.2.2- CARIBBEAN STATES



This project is funded by the European Union
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A 2.2.2 Training on IT data collection tools (CORSA-ready AES 2.0 developed/deployed in project phase I) or alternative IT data collection tool, installation, data importing and extraction procedures

1) Finalise the pending activities with the states quoted below

Dominican Republic: assist in upgrading the work done by ICAO with the AES to reflect CORSA and offsetting

2) Explore the interest of other states to be supported in similar activities

3) Process the new requests emerged during/after the workshop in Antigua

A 2.3 On going activities



This project is funded by the European Union
and implemented by EASA.

Kenya
Mozambique
Nigeria
South Africa
Cote d'Ivoire
Senegal
Antigua
Jamaica
Guyana
Cuba
Dominican
Republic

A 2.3. Support in designing the required legal framework for accreditation system at the national level. Support in creating national and/or regional verifiers for the purposes of CORSIA verification process. Training, capacity engagement and capacity building for DGCAs and national accredited verification entity on CORSIA verification system

Review of the status of the national accreditation system

Support in creating national and/or regional verifiers for the purposes of CORSIA

Training, capacity engagement and capacity building for states NAB and VB on CORSIA verification system

UPDATE ON A 2.3.- ENGLISH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3. Support in designing the required legal framework for accreditation system at the national level. Support in creating national and/or regional verifiers for the purposes of CORSIA verification process. Training, capacity engagement and capacity building for DGCA's and national accredited verification entity on CORSIA verification system

Kenya: meeting with the NAB to discuss the support on launching the CORSIA accreditation scheme

Nigeria: Support the NAB in launching the CORSIA accreditation scheme

South Africa: meeting with the NAB to discuss the support on launching the CORSIA accreditation scheme

NEW ACTIVITY JANUARY 2023

Kenya: 3-days capacity building for NAB and SA on ISO 14065/20220-17029 and CORSIA

Ethiopia: assessment of NAB Ethiopia to launch the 14065

PENDING ACTIVITIES

Nigeria: Support the NAB in launching the CORSIA accreditation scheme (stand-by)

South Africa: meeting with the NAB to discuss the support on launching the CORSIA accreditation (stand-by)

NEXT STEPS ON A 2.3 - ENGLISH-SPEAKING AFRICAN STATES



This project is funded by the European Union
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A 2.3. Support in designing the required legal framework for accreditation system at the national level. Support in creating national and/or regional verifiers for the purposes of CORSIA verification process. Training, capacity engagement and capacity building for DGCAs and national accredited verification entity on CORSIA verification system

1) Finalise the pending activities with the states quoted below

Nigeria: Support the NAB in launching the CORSIA accreditation scheme (stand-by)

South Africa: meeting with the NAB to discuss the support on launching the CORSIA accreditation scheme (stand-by)

2) Implement the new requests emerged before/after the ICAO A41 (Kenya January 2023, Ethiopia)

3) Re-contact the project supported states to assess their interest in being supported by the project

3) Explore the interest of other states to be supported in similar activities

4) Process the new request emerged during/after the workshop in Dakar **Mozambique**: meeting with the NAB to discuss the support on launching the CORSIA accreditation scheme-Portuguese , **JANUARY 2023**)

UPDATE ON A 2.3.- FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3. Support in designing the required legal framework for accreditation system at the national level. Support in creating national and/or regional verifiers for the purposes of CORSIA verification process. Training, capacity engagement and capacity building for DGCA and national accredited verification entity on CORSIA verification system

Cameroon: linkages with AB and assess readiness/competence/interest towards CORSIA scheme

Senegal: training on CORSIA for NAB

Cote d'Ivoire: support NAB in launching the GHG and CORSIA scheme- Mission on the field and meeting with NAB
+3 days of training for NAB, ANAC, AO, Ministry of environment, Ministry of transport and private sector
(02.11-04.11.2022)

NEW REQUEST AFTER THE MISSION IN THE FIELD (AUGUST AND 2-4 NOVEMBER 2022)

Cote d'Ivoire: Assist NAB in launching 14065/2020-17029 in 2023

PENDING ACTIVITIES

Senegal: training on CORSIA for NAB

NEXT STEPS ON A 2.3 - FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3. Support in designing the required legal framework for accreditation system at the national level. Support in creating national and/or regional verifiers for the purposes of CORSIA verification process. Training, capacity engagement and capacity building for DGCA and national accredited verification entity on CORSIA verification system

1) Finalise the pending activities with the states quoted below

Senegal: training on CORSIA for NAB

2) Implement the new requests emerged before/after the ICAO A41 and/or during mission in the field (Cote d'Ivoire)

3) Re-contact the project supported states to assess their interest in being supported by the project

3) Explore the interest of other states to be supported in similar activities

4) Process the new request emerged during/after the workshop in Dakar

UPDATE ON A 2.3.- CARIBBEAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3. Support in designing the required legal framework for accreditation system at the national level. Support in creating national and/or regional verifiers for the purposes of CORSIA verification process. Training, capacity engagement and capacity building for DGCA's and national accredited verification entity on CORSIA verification system

Antigua: meeting with AB and assist SA in explaining CORSIA requirements to AB

Dominican Republic: 2 days of training for NAB and candidate VB on CORSIA+ 2 days on GHG procedures

Cuba: explain CORSIA to NAB (attending the workshop in Antigua)

Guyana: understanding AB interest/readiness/competence towards GHG scheme and CORSIA

Jamaica: linkages between AB and SA to engage AB toward GHG scheme and CORSIA

ONGOING WORK

Dominican Republic: assist in launching GHG scheme: capacity building activity + support in drafting manuals/checklists

Cuba: assist in launching GHG scheme: capacity building activity + support in drafting manuals/checklists

PENDING ACTIVITIES

Guyana: understanding AB interest/readiness/competence towards GHG scheme and CORSIA

Jamaica: linkages between AB and SA to engage AB toward GHG scheme and CORSIA

NEXT STEPS ON A 2.3.- CARIBBEAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3. Support in designing the required legal framework for accreditation system at the national level. Support in creating national and/or regional verifiers for the purposes of CORSIA verification process. Training, capacity engagement and capacity building for DGCA's and national accredited verification entity on CORSIA verification system

1) Finalise the pending activities with the states quoted below

Guyana: understanding AB interest/readiness/competence towards GHG scheme and CORSIA

Jamaica: linkages between AB and SA to engage AB toward GHG scheme and CORSIA

2) Implement the new requests emerged before/after the ICAO A41 and/or during mission in the field (Dominican Republic and Cuba)

3) Re-contact the states to assess their interest in being supported by the project

3) Explore the interest of other states to be supported in similar activities

4) Process the new request emerged during/after the workshop in ANTIGUA

A 2.3.1 On going activities



This project is funded by the European Union
and implemented by EASA.

A2.3.1 Support the design and setting up of greenhouse gas emissions data reporting mechanisms and national emissions inventories

Côte d'Ivoire

review of the status of drafting and enforcing the domestic legal framework on aviation GHG mitigation among the states

Bilateral support to design and setting up of GHG emissions data reporting mechanism and national inventory

UPDATE ON A 2.3.1- FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3.1 Support the design and setting up of greenhouse gas emissions data reporting mechanisms and national emissions inventories

NEW REQUEST

Cote d'Ivoire: mission on the field and meeting with the Ministry of Environment

PLANNED FOR 2023

Cote d'Ivoire: Assist ANAC to process/report domestic emissions data

NEXT STEPS ON A 2.3.1- FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3.1 Support the design and setting up of greenhouse gas emissions data reporting mechanisms and national emissions inventories

- 1) Explore the interest of other states to be supported in similar activities
- 2) Process the new request emerged during/after the workshop in DAKAR

NEXT STEPS ON A 2.3.1- ENGLISH SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3.1 Support the design and setting up of greenhouse gas emissions data reporting mechanisms and national emissions inventories

- 1) Explore the interest of other states to be supported in similar activities
- 2) Process the new request emerged during/after the workshop in DAKAR

NEXT STEPS ON A 2.3.1- CARIBBEAN STATES



This project is funded by the European Union
and implemented by EASA.

A 2.3.1 Support the design and setting up of greenhouse gas emissions data reporting mechanisms and national emissions inventories

- 1) Explore the interest of other states to be supported in similar activities
- 2) Process the new request emerged during/after the workshop in ANTIGUA

A 3.1 On going activities



This project is funded by the European Union
and implemented by EASA.

Kenya
Mozambique
Nigeria
South Africa
Cote d'Ivoire
Senegal
Antigua
Jamaica
Guyana
Cuba
Dominican
Republic

A3.1 Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

Training courses to states and their industry on aviation's climate change impacts and related policy measures.
Priority will be given to states with a higher volume of traffic

UPDATE ON A 3.1- REGIONAL LEVEL



This project is funded by the European Union
and implemented by EASA.

A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

AFRICAN AND CARIBBEAN STATES

NEW REQUEST

1 additional REGIONAL workshop was requested by the African and Caribbean states after ICAO Assembly to present the novelties for SA, AO, NAB and VB

20.12.2022
DEVELOPMENT IN CORSIA AND
OTHER ENVIRONMENTAL POLICIES
IN 2022



NEXT STEPS ON A 3.1- REGIONAL LEVEL



This project is funded by the European Union
and implemented by EASA.

A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

1) Process the new request emerged during/after the 2 regional workshops in Antigua and Dakar. Remote informative session on DEVELOPMENT IN CORSIA AND OTHER ENVIRONMENTAL POLICIES IN 2022: invitations to be sent in 3 languages- Spanish, French and English, WORKSHOP ON 20.12.2022 (Morning session for the Caribbean States, afternoon session for the African States)



UPDATE ON A 3.1- ENGLISH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

Cape Verde: support in the preparation of an internal document to advocate for the participation of the country in CORSIA

Ethiopia: support in understanding opportunities for volunteering CORSIA (started during the mission in September)

Mauritius: Workshop on CORSIA offsetting requirements

Nigeria: CARBON MARKET (compliance versus voluntary)

PENDING

Mauritius: Workshop on CORSIA offsetting requirements

NEXT STEPS ON A 3.1- ENGLISH-SPEAKING AFRICAN STATES



This project is funded by the European Union
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A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

1) Finalise the pending activities with the states quoted below

Mauritius: Workshop on CORSIA offsetting requirements

2) Implement the requests from Nigeria and Ethiopia

3) Re-contact the new states submitting the questionnaire after the regional workshop to assess their interest in being supported by the project

4) Explore the interest of other states to be supported in similar activities

5) Process the new request emerged during/after the workshop in Dakar (**Guinea Equatorial**: support in understanding offsetting requirements-Session in Spanish)

UPDATE ON A 3.1- FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
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A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

NEW REQUEST

Cote d'Ivoire: support in assessing potentialities for SAF local feedstock

NEXT STEPS ON A 3.1- FRENCH-SPEAKING AFRICAN STATES



This project is funded by the European Union
and implemented by EASA.

A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

- 1) Explore the interest of other states to be supported in similar activities
- 2) Process the new request emerged during/after the workshop in Dakar (**Cote d'Ivoire**)

UPDATE ON A 3.1- CARIBBEAN STATES



This project is funded by the European Union
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A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

Cuba: Continue the support for Cuba to implement Cuba CORSIA programme aligned with the results of the mission in October 2022 (Cuba joint CORSIA and is the 114th State volunteering CORSIA on 30.06.2022)

NEW REQUESTS

Cuba: support in implementing CORSIA national programme with CITMA (Ministry of Environment)

NEXT STEPS ON A 3.1- CARIBBEAN STATES



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A 3.1. Raise the knowledge and understanding of aviation's climate change impacts and related policy measures through dedicated workshops and training courses while promoting engagement with national transport/aviation and environment/climate entities as well as regional participation

- 1) Explore the interest of other states to be supported in similar activities
- 2) Process the new request emerged during/after the workshop in Antigua (**Cuba**: implement CUBA CORSIA programme and involvement of CITMA)

A 3.2 On going activities



This project is funded by the European Union
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A.3.2. Motivate behavioural changes through the share of best practices from other regions and/or other geographical zones.

Combined with other activities at bilateral and group level

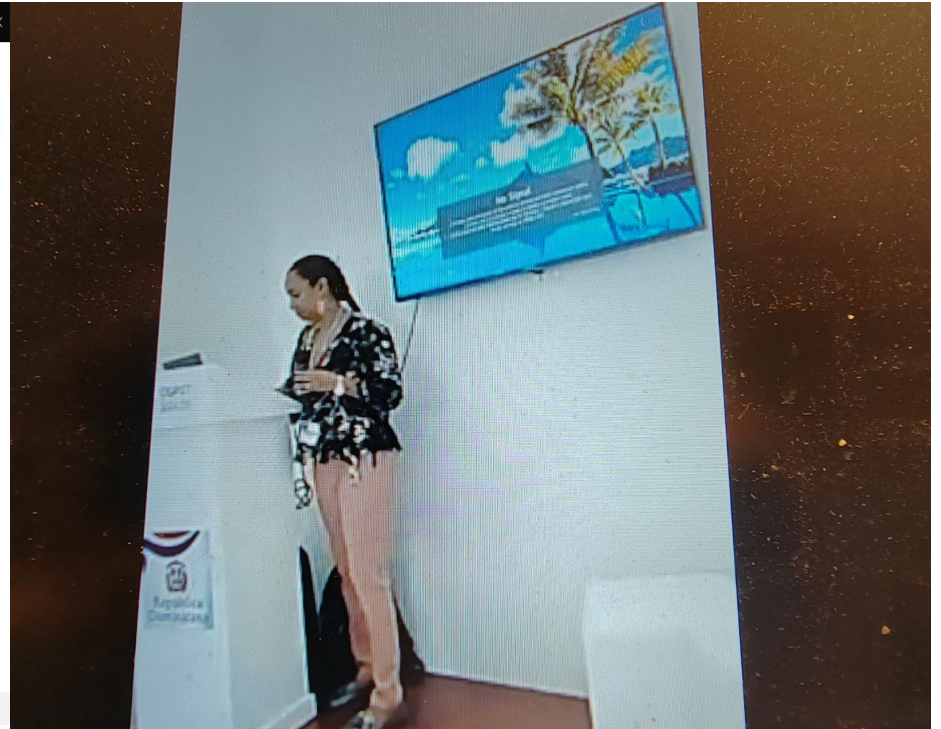
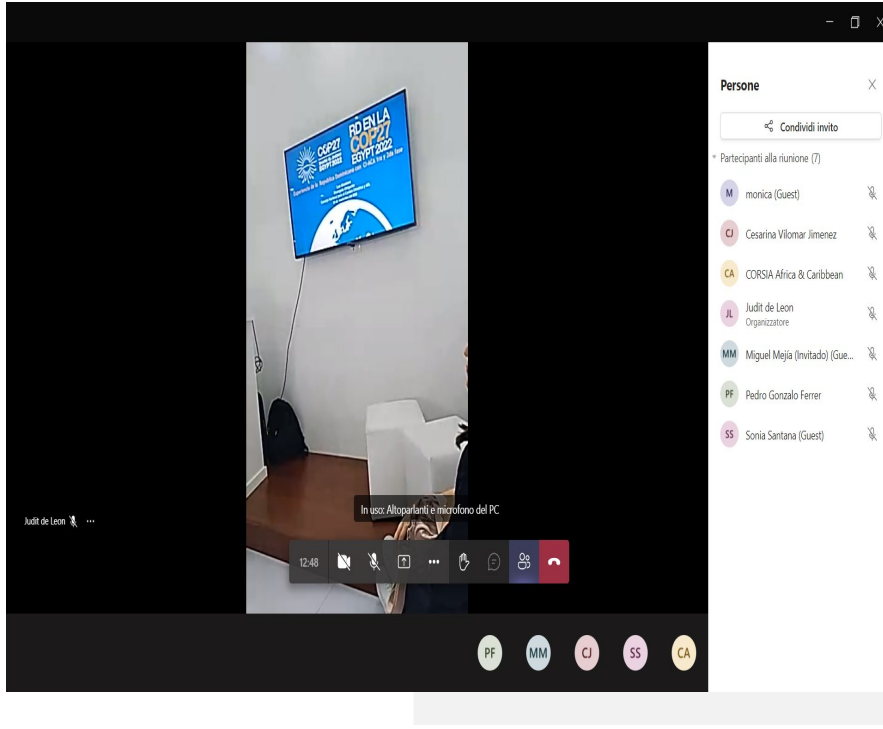
Multilateral training on the importance of using climate indicators and M&E procedures at project and sector level

Support states to the EMS implementation
Multilateral activity in combination with others

A 3.2 on going-EU AFRICA AND CARIBBEAN CORSIA PROJECT IN COP27 with the Dominican Republic: 11.11.2022



This project is funded by the European Union and implemented by EASA.



A 3.3 On going activities



This project is funded by the European Union
and implemented by EASA.

A.3.3 Support in aligning – and where necessary designing – the required domestic legal framework to address aviation’s climate change impact, including CORSIA implementation.

Combined
with other
activities,
mainly
workshops

Information/Training on multilateral basis, to a wide range of government and sector stakeholders on practical ways and mechanisms to reduce emissions from the sector

A 3.4 On going activities



This project is funded by the European Union
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A.3.4 Technical assistance, aimed at the creation of national and/or regional verification bodies for the purposes of the CORSIA verification process, adopting a regional approach where appropriate.

Combined
with activity
A 3.2

Technical assistance, aimed at the creation of national and/or regional verification bodies for the purposes of the CORSIA verification process, adopting a regional approach where appropriate

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