



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

DGCA 2024

Brief on the Activities of the
Capacity Development and Implementation Bureau

May 2024



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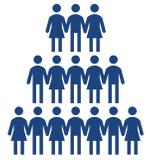
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1. GISS 2024 Recap

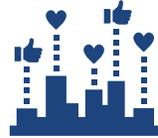


GISS 2024 - Recap

This year's Global Implementation Support Symposium proved to be a success on many fronts.



900
Participants



88
Member States



21
Senior Ministerial
Attendees



19
Announcements
of new
Agreements

GISS 2024 served as a platform for forging crucial partnerships and agreements, solidifying commitments to capacity building and sustainable aviation development. The agreements and pledges focused on areas such as training, expertise sharing, and project implementation. GISS has become ICAO's main platform to address implementation support challenges faced by its Member States and aligning them to ICAO products and services which serve as potential solutions.

2. Capacity Development and Implementation Support

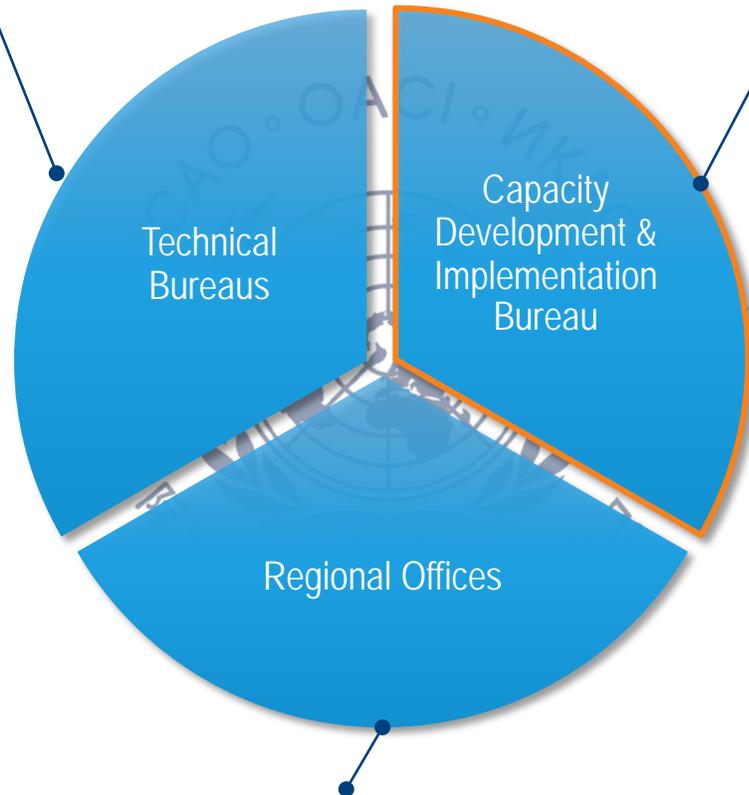


“One-ICAO” Approach to Capacity Development and Implementation

The collaboration between all ICAO Bureaus ensures a unified & coordinated approach.

Subject Matter Expertise

Project Management



**Needs Identification, Coordination
& Subject Matter Expertise**



Tools & Solutions provided by CDI

Supporting States in their SARPs Compliance and Capacity Development & Implementation

Project Management



Provision of Expertise



Aviation Training



Procurement





Projects in MID Region



Projects in the MID Region

There are currently 13 Active Projects in the MID Region, including the below (in alphabetical order):

Republic of Iraq	The Iraq CAA has engaged CDI for support in creating local capacity through the deployment of Subject Matter Experts supporting the ICAA in the continuous improvement of civil aviation in the state. The project is also complemented with Training Needs Assessment and Roadmap .
State of Kuwait	Since 2013, the State of Kuwait has been engaged with CDI. ICAO has deployed 8 Experts (OPAS) in Kuwait , in the areas of Aviation Security, Flight Safety, Airport Ops, ANS and others.
Republic of Lebanon	The DGCA of Lebanon currently has for decades been partnered with ICAO & CDI. The current projects include: <ul style="list-style-type: none">- ATM & AIS System procurements- Hiring of National Professionals.- Procurement of Radar parts.- Flight Calibration Services.
Sultanate of Oman	ICAO deployed 11 subject matter experts (OPAS) to the State of Oman, with an initial mandate to assist the Oman CAA prepare for an upcoming ICAO audit. After a very successful audit, the scope of the project has expanded, and the role of the experts modified to assist in the continuous improvement of civil aviation safety in the State.
Kingdom of Saudi Arabia	Since 1997, ICAO has assisted the General Aviation Authority of Saudi Arabia (GACA) through the deployment of subject matter experts under the Operational Assistance modality (OPAS). At the moment there are 17 ICAO OPAS Experts working within GACA, and another 8 positions under recruitment to be deployed in the first half of this year.

Regional Projects in the MID Region

3 Projects on the regional level are led by the MID Regional Office with support from CDI

CASP-MID

Cooperative Aviation Security Programme – Middle East

On 19 January 2013, the Cooperative Aviation Security Programme– Middle East (CASP-MID) was established to enable participating States to improve their aviation security provisions and arrangements, and to develop a standing structure for cooperation and coordination in aviation security matters in the Middle East Region. CASP-MID provides a regional approach to aviation security assistance and training designed to meet the specific needs of participating States (Bahrain, Jordan, Kuwait, Saudi Arabia, Tunisia).

Following the resignation of the Programme Coordinator in November 2023, the MID Office appointed Mr. Hussain Qabbani as an interim Programme Coordinator and launching the recruitment campaign.

MID-FPP

MID Region Flight Procedure Programme.

Established in January 2022, this Programme objective is to assist States in developing sustainable capability in the instrument flight procedure (IFP) design, PBN airspace design and PBN OPS approval, including regulatory oversight, so as to meet their commitments under Assembly Resolutions A37-11 for Performance Based Navigation (PBN) implementation and the regional requirements, and comply with ICAO provisions related to flight procedure design and PBN.

(Iran, Iraq, Kuwait (active), UAE (host), Egypt, Jordan, Lebanon, Oman, Syria and Yemen (user)).

Since MID FPP manager retired in February 2024, ICAO MID has been managing this project to make required decision in the DGCA/7 meeting.

MID-RMA

Middle East Regional Monitoring Agency.

The Middle East Regional Monitoring Agency (MIDRMA) was established on the 24th November 2005 under the approval of Middle East Air Navigation Planning and Implementation Regional Group (MIDANPIRG) to assume the duties and responsibilities of the Regional Monitoring Agency (RMA) for the ICAO Middle East Region (15 MID States).

MID Region Needs

Based on audit results and industry trends, ICAO/CDI sees the below areas of focus for the MID Region. s



Subject Matter Experts under the Operational Assistance Modality (OPAS)

CDI continues to provide support to member states in creating local capacity through the deployment of Subject Matter Experts in different fields.



Airport Design, Construction Supervision & Airport Certification

CDI assists Member States with the design and management of the construction of Airports, including Terminals, Cargo Areas and Runway platforms.



Air Navigation Services Equipment

CDI has assisted multiple States in the process to procure ANS Equipment.



Flight Inspection Services

CDI assists Member States in the procurement and deployment of Flight Calibration and Inspection Services.



Firefighting Trucks for Airports

CDI has developed and expertise in assisting Member states in the procurement and deployment of Airport Firefighting Trucks.



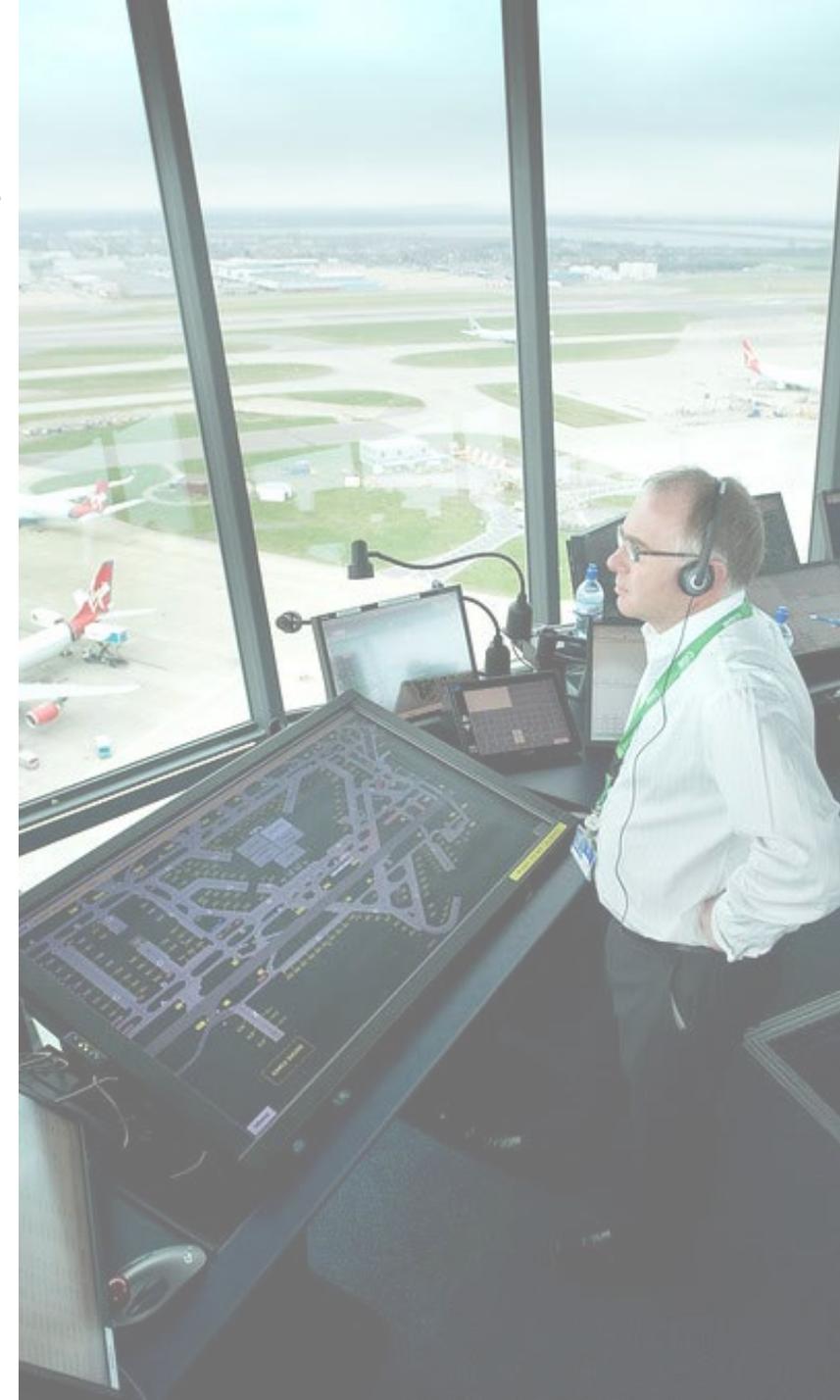
Aircraft Procurement

CDI has assisted multiple States in the process to procure Aircraft that serve CAAs in functions ranging from agricultural to training. In addition to the procurement of spare parts.



ePassport Systems, Consultancy Services & eGates

CDI assists Member states in process re-engineering, developing technical specifications for tendering, adapting them to the new solutions as well as procurement of ePassport equipment and related infrastructure.



Resource Mobilization (RM) for Implementation Support

Objective of Resource Mobilization?

The aim of Resource Mobilization (RM) in ICAO is to seek additional resources needed to fund Business Plan objectives not wholly funded by its Regular Budget to support Member States.



Mobilize and maintain quality, multi-year, flexible resources.



From a diversified pool of **donors** (including **public** and **private** sector).



To meet the needs of ICAO & Member States (ICAO Business Plan 2023-2025).

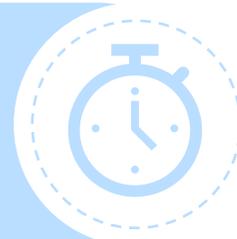


1. For unfunded portion of the ICAO Business Plan.
2. Transformational Objective of the ICAO Business Plan.
3. Implementation support activities.

Implementation Packages (iPacks)



Standardized bundle of implementation support composed of subject matter experts, guidance material, training and tools.



Short intervention ranging from 3 to 6 months.



Over 100 iPacks delivered globally since 2020, benefitting 90 States.



16 iPack Deployments benefitting 8 MID States

- | | | | |
|----|--------|----|-------|
| 1. | Egypt | 5. | Libya |
| 2. | Iran | 6. | Oman |
| 3. | Iraq | 7. | Syria |
| 4. | Jordan | 8. | Sudan |



Training Identified for MID Region Based on EI Score

Based on EI Scores, GAT has identified Training Courses that bring the most added value to the MID Region

- Aerodrome Certification Course
- Aeronautical Information Quality Management Course
- Air Cargo Safety Management Course
- Aviation Data-driven Decision-Making Course
- Global Reporting Format (GRF) for Runway Surface Conditions Course
- ICAO Government Safety Inspector
- Introduction to the National Aviation Safety Plan Course
- Low Visibility Procedures for Aerodrome Controllers Course
- Overview of Airport Pavement Strength Rating Course
- Performance-Based Navigation Course
- State Safety Programme Course
- Using the Technical Instructions for the Safe Transport of Dangerous Goods by Air



Over 400 training packages to support SARPs compliance and Capacity Development

www.icao.int/training

3. MID Region Training Analysis by Gender



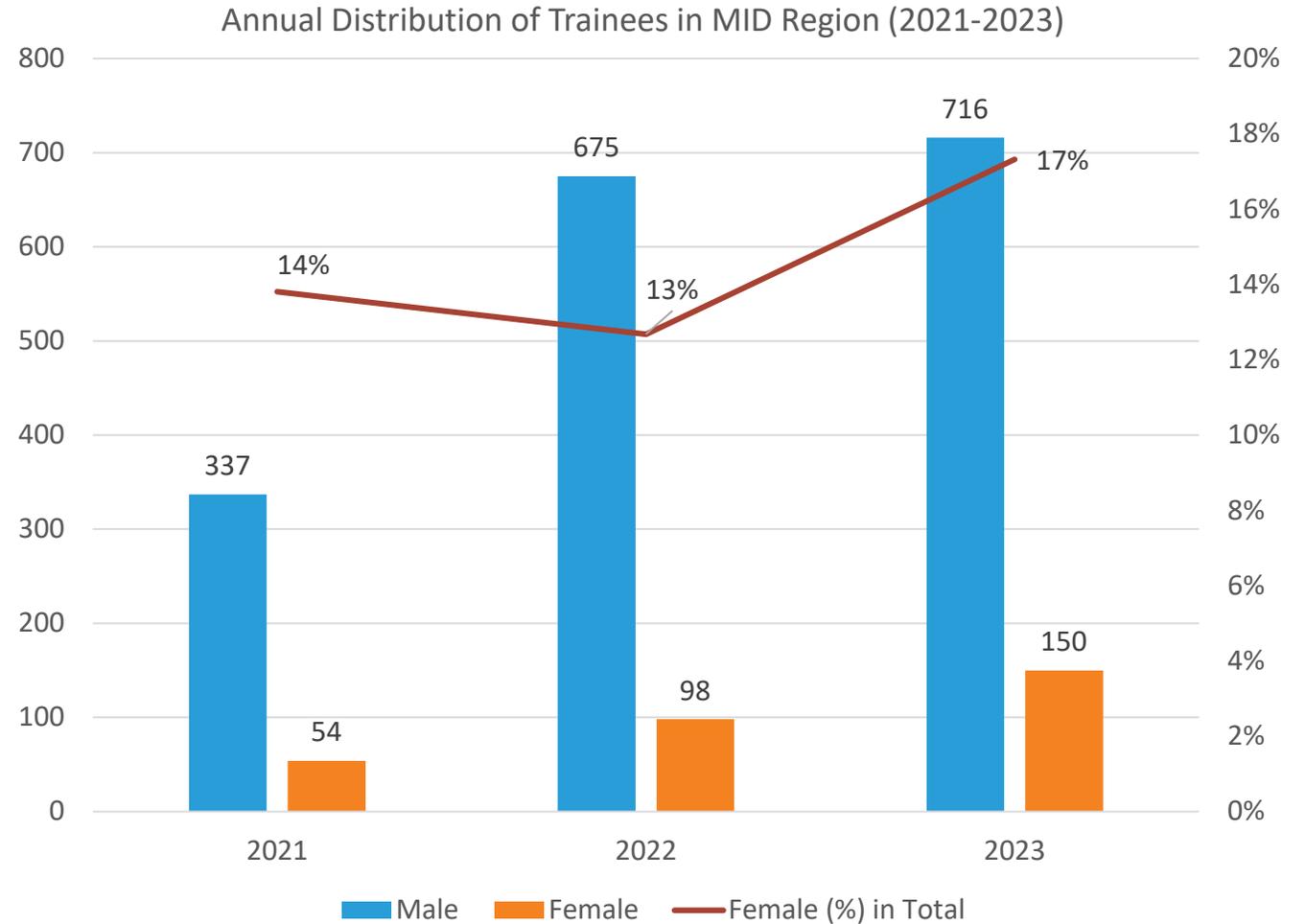
Trainees by Gender in MID Region (2023)



We see a clear increase in the overall female participants in the MID region.



The percentage of female trainees has been on the rise.



Training initiatives for Gender in Aviation



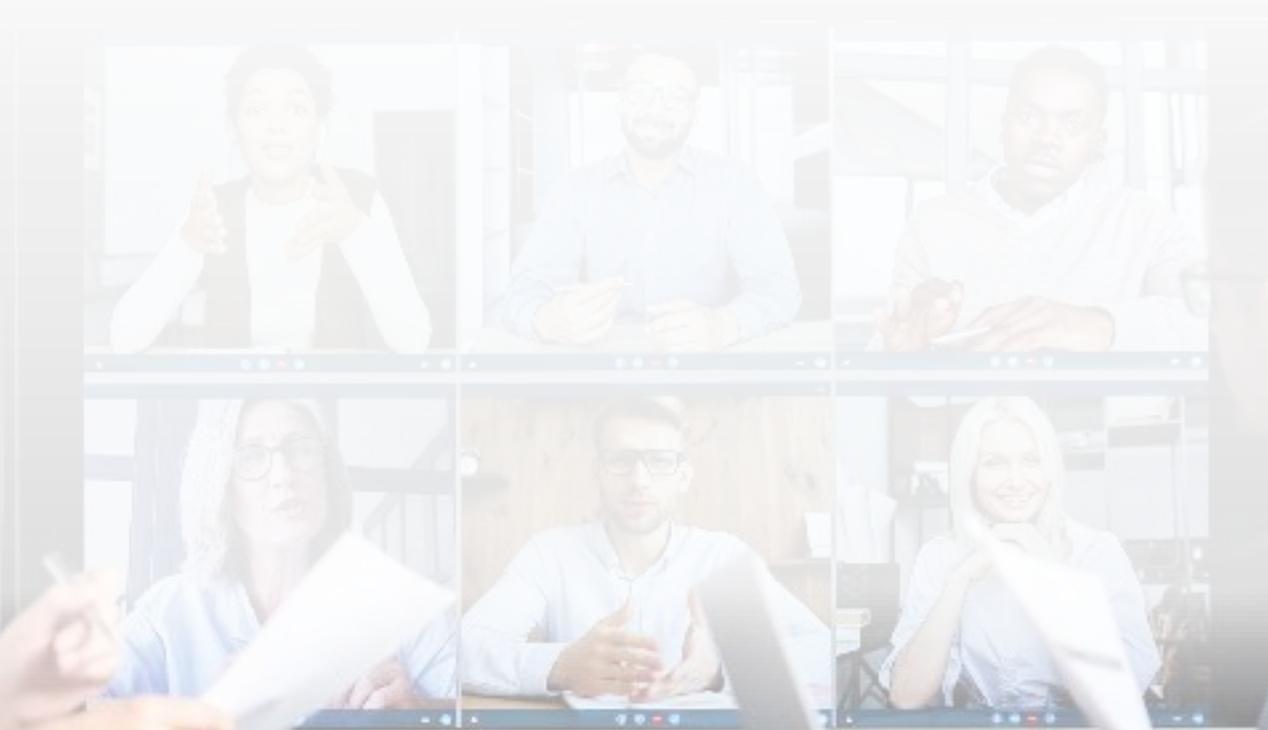
On 8 March 2024, **International Women's Day**, we launched a campaign to reduce the fee for all ICAO training courses for female professionals by 10% for the first time.



UAE - ICAO Gender Equality Initiative:

Invitation to nominate female professionals to participate in the ICAO – UAE Initiative: "Unleashing Aviation Excellence: 193 Women Empowerment"

4. Summary



Why ICAO/CDI?



Under One ICAO, the **Technical Bureaus** establish **Standards (SARPs)** & **perform audits** to member states.



CDI, in close **coordination with Regional Offices**, assists states in **executing projects** aligned with ICAO's objectives increasing their level of **compliance** with the SARPs.

World Class Expertise

CDI collaborates with all Member States as well as international partners in projects of all sizes across the world.



Transparent Process

A procurement process that is compliant with UN/ICAO Procurement Code, fully transparent and public throughout.



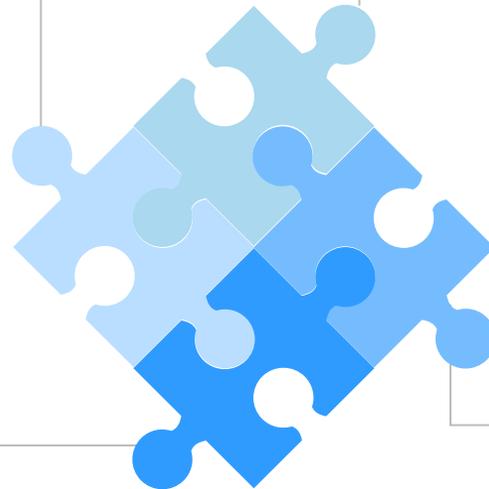
International Network

Leverage ICAO's wide network to enable Economies of Scale, cost effectiveness and competitiveness.

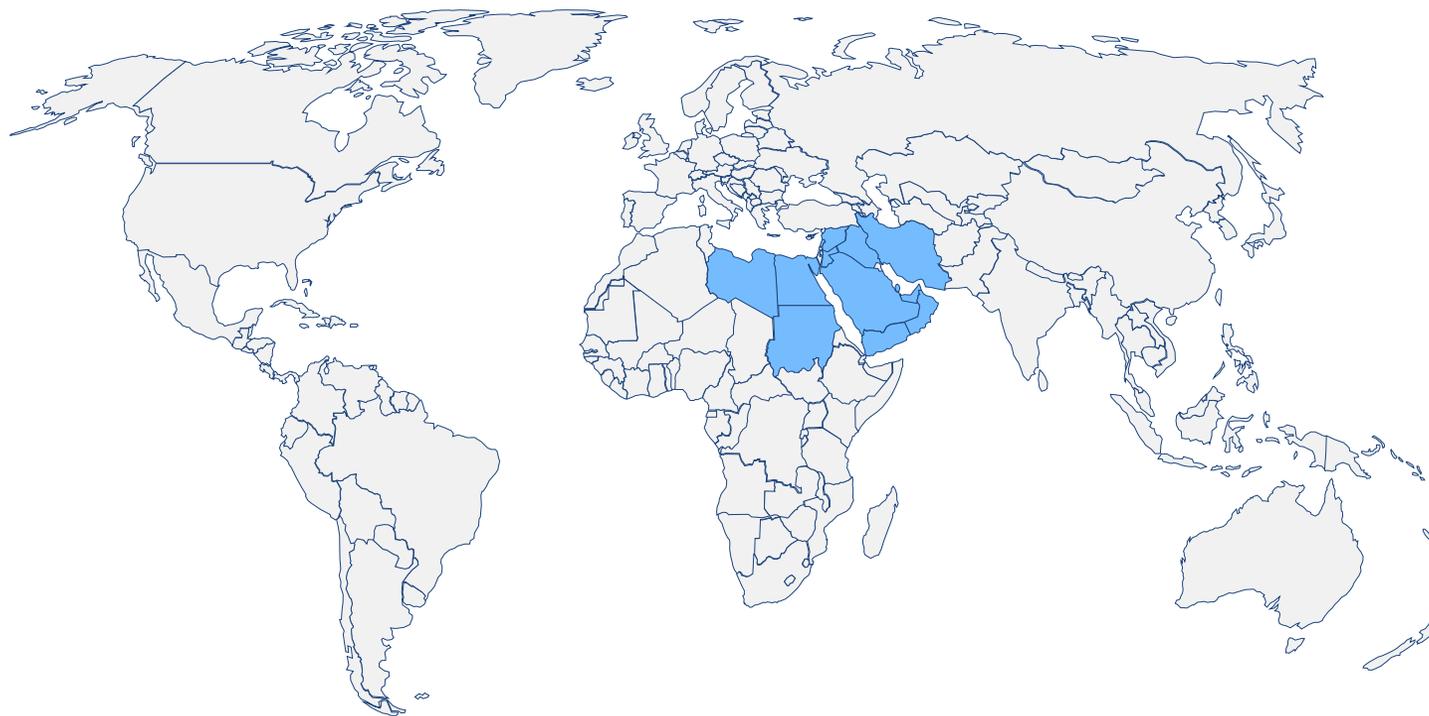


Regional Offices in reach

Our Regional Offices are the direct link between your CAA & ICAO/CDI, facilitating and supporting where needed.



MID Region Activities



MID NCLB Activities & Achievements

TA Project:

Aerodrome Certification for States

Project Fund:

36000 CAD. Funded by Qatar voluntary contribution

Project Status: **“ongoing”**.

TA Project:

Establishment of MENA ARCM

Project Fund:

20000 CAD. Funded by Kingdom of Saudi Arabia voluntary contribution.

Project Status: **“ongoing”**.

15 States signed MENA ARCM MoU and activities on going.

MID NCLB Activities & Achievements

TA Project:

Development of MID States Action Plan and CORSIA

Project Fund:

20000 CAD. Funded by Kingdom of Saudi Arabia
voluntary contribution

Project Status: **“ongoing”**.

TA Project:

Support for the Transition from AIS to AIM through
migration to the European AIS Database (EAD)

Project Fund:

125.000 CAD. Funded by Kingdom of Saudi Arabia
Voluntary contribution

Project Status: **“Ongoing”**.

MID NCLB Activities & Achievements

TA Project:

MID Security Oversight and Capacity-building

Project Fund:

20000 CAD. Funded by Kingdom of Saudi Arabia voluntary contribution

Project Status: **“ongoing”**.

Project:

Syria Capacity Building

Project Fund:

Funded by ICAO ISD-SEC

Project Status: **“ongoing”**.

50 training
courses/
workshops/
seminars/webina
r delivered

Provision of assistance to States in support of the NCLB initiatives

- SSP, SRM, NASP Workshops
- A-SMGCS Regional Seminar
- Radio Navigation Aids Symposium
- Upset Recovery Training (UPRT Workshop)
- Regional USOAP CMA Workshops
- ATFM Implementation Workshop
- AIDC/OLDI Workshop
- GANP & NANP Workshop
- 2023 ICAO ENV Regional Seminar
- Behavior Detection Workshop
- CORSIA Workshop
- Aircraft Accident investigation symposium and workshop
- Frequency Management Workshop
- technical assistance missions
- Advanced Capacity Building Activity on Aerodrome Inspection for MID States
- Webinar on Training in AIM
- MID RVSM Seminar
- Cybersecurity & Resilience Symposium
- CAPSCA/11 & Aviation Medicine Workshop



Implementation Packages (iPacks) Deployment

- An Implementation Package (iPack) is a standardized bundle of implementation support composed of 5 key components, as follows:
 - ➔ Subject matter expertise
 - ➔ Guidance material
 - ➔ Standardized training
 - ➔ Tools (including data-driven applications)
 - ➔ Procurement Guidance (when applicable)
- **USOAP, UAS, & NASP** iPacks have been Deployed and completed to Iraq, Jordan, Libya, Sudan.



MID-FPP Activities & Achievements

Establishment of the Programme

- The Programme has officially started its activities by the onboarding of the Programme manager on 17 January 2022

Steering Committee meetings:

- Third Steering Committee meeting was held virtually on 25 January 2023.
- Fourth Steering Committee meeting was held virtually on 18 July 2023
- Fifth Steering Committee meeting was held in Doha on 14 Dec 2023.

Training/Workshop/ Webinar

- (3) PANS OPS, (5) PBN, (1)GBAS/SBAS, & (1) RNP AR
- States: Egypt, Iran, Iraq Jordan, Kuwait, Libya, Oman, Qatar, Syria, UAE, & Yemen.

MID-FPP Activities & Achievements

Projects Consultancy

- Establishment of one RNAV 5 route within Saana FIR.
- Instrument Flight Procedures Design (IFPD) for Kirkuk International Airport.
- Conduct Safety Activities & Support of the Regulatory Approval for existing Instrument Procedures (SID, STAR, IAPs) at Sulaymaniyah International Airport.
- Support of the Regulatory Approval for the existing Instrument Procedures at Erbil International Airport.
- Assistance to Iraq for new routes RNAV5 Baghdad/Kuwait FIR border
- North Baghdad FIR Routes re-alignment

MID-FPP Challenges



Limited funding despite the demonstrated technical effectiveness of the Programme. However, the future sustainability of the MID FPP is jeopardized by ongoing financial challenges.



Ensuring sustainability, requires resource allocation, fostering partnerships and diversifying funding sources to enhance financial resilience.

CASP-MID Activities & Achievements

Capacity Building activities

- **2022: 16 Activities for 6 States** (Iraq, Jordan, Libya, Oman, Saudi Arabia, Sudan), 282 Participants
- **2023: 15 Activities for 10 States** (Bahrain, Egypt, Iraq, Jordan, Libya, Oman, Saudi Arabia, Sudan, Syria Yemen),

232 Participants

Update:

- **Egypt and Qatar** have joined the CASP-MID
- Expecting one or two more States to join in 2024.
- The **recruitment of a Programme coordinator** is under the process within ICAO.

CASP-MID Challenges

- Despite the robust support system, CASP-MID faces financial challenges, notably the irregular payment of program fees by some states. which it may impact the Programme operations.
- UNDSS travel restrictions don't allow for ICAO on-site missions due to the political situation/security

Action by the meeting

The meeting is invited to:

- note the progress Report on the Implementation of MID Region NCLB activities
- encourage States to support MID-Region NCLB Strategy activities.



Thank You!