# Sixth Meeting of the Aerodromes Safety, Planning and Implementation Group

## ASPIG/6 (Muscat, Oman, 27 - 29 May 2024)

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## Aerodromes Safety
### *vs*
## State's Oversight Capability

### Eng. Mohamed Iheb Hamdi
ICAO Regional Officer, Aerodromes & Ground Aids

# Presentation Overview

**01** MID Aerodromes Safety Dashboard

**02** Implementation Support for Aerodromes in Practice during Last Triennium

**03** Emerging concerns

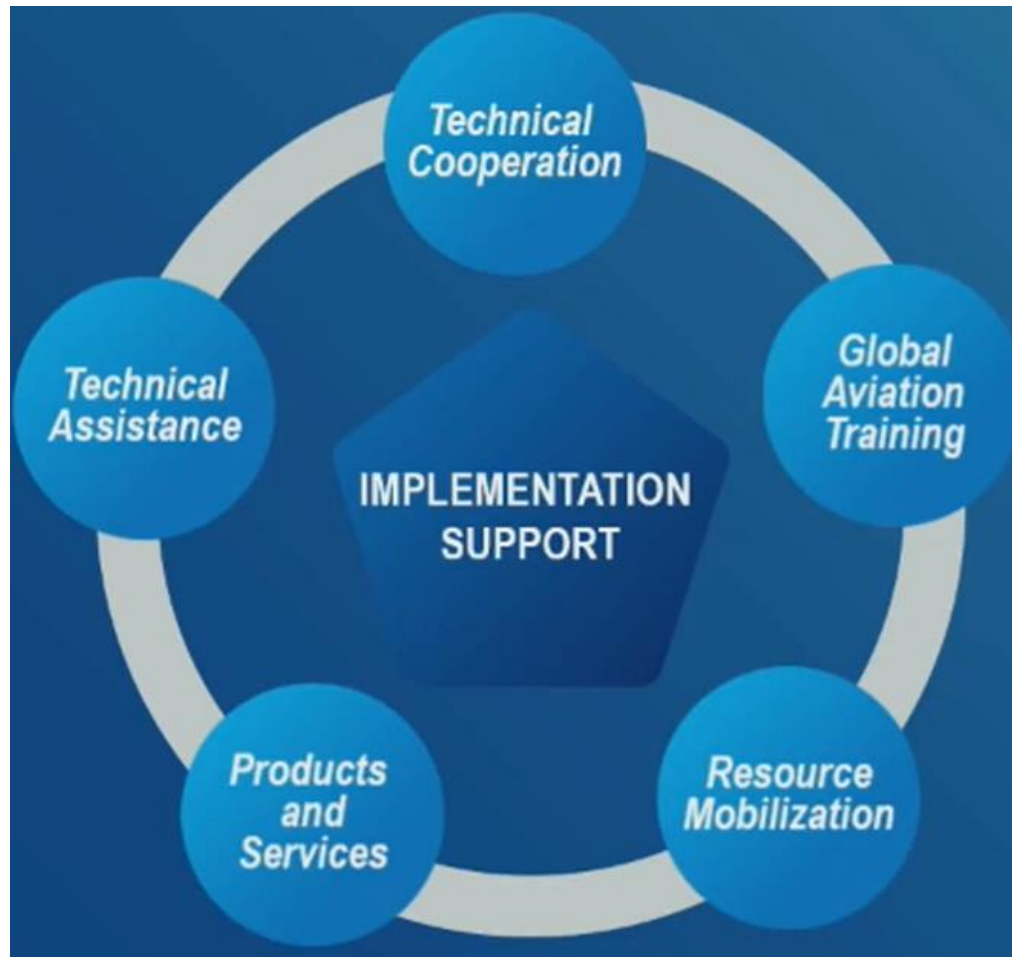**04** Aerodromes Safety vs State's Oversight Capability

**05** AGA Data Analysis

ICAO

01

MID
Aerodromes
Safety
Dashboard

MID REGION
Aerodromes Safety
DASHBOARD



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**02**

# Implementation Support for Aerodromes in Practice

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## Implementation Support Activities

# AGA-OPS Implementation support:

## 2020-2022 Activities

### Technical Cooperation (Coordinated with TCB)

- ✓ On-going discussion with Iraq on potential TCB Project (AGA included)
- ✓ Operational Assistance (OPAS) Experts deployed for Saudi Arabia :
  - Airports and Aerodrome Expert
  - Airport Standards, Certification and Safety Expert

### AGA Technical Assistance

- ✓ Technical Assistance Mission to Lebanon (conducted)
- ✓ Technical Assistance Mission to Jordan (conducted)
- ✓ Technical Assistance Mission to Iran (conducted)

### Resource Mobilization

- ✓ Implementation of the Aerodrome Certification RM Project:
  - Aerodrome Certification Workshop (conducted)
  - Capacity Building activities on Aerodrome Oversight (one Aerodrome Visit + CB Activity conducted)

### Global Aviation Training

- ✓ 1 ACI-ICAO Annex 14 Implementation Course (conducted)
- ✓ 1 ACI-ICAO Aerodrome Certification Course (conducted)
- ✓ 5 ACI-ICAO Global Reporting Training Courses (conducted)

### AGA-OPS Capacity Building Activities

- ✓ Airport Master Planning Seminar (conducted)
- ✓ Ground Handling Workshop (conducted)

### Product and Services

- ✓ 1 iPack on Aerodrome Restart for Syria (deployed).
- ✓ 1 iPack on Aerodrome Restart for Libya (deployed).

### Implementation Support Portfolio

ICAO

# Performance Monitoring

| | | AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress | Aerodrome Traffic Density | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | | Light | Medium | Heavy |
| **2022 Vs 2021** Performance | | 34 | 58.62% | 42 | 72.41% | 38 | 65.52% | 64.44% | 38 | 17 | 3 |
| | | 0% | ▶ | + 3.44% | ▲ | + 3.45% | ▲ | ▲ | ▶ | ▶ | ▶ |
| **2020 Vs 2021** Performance | | 34 | 58.62% | 40 | 68.97% | 36 | 62.07% | 55.11% | 38 | 17 | 3 |
| | | - 8.62% | ▼ | + 12.07% | ▲ | + 62.07% | ▲ | ▲ | ▶ | ▶ | ▶ |
| **2020** Performance | | 39 | 67.24% | 33 | 56.90% | 0 | 0.00% | 0.00% | 38 | 17 | 3 |

## 03 Aerodromes emerging concerns ?

- Heliports/Vertiports,

- RPAS/Drones Integration,

- New OLS,

- Pavement Management

- AD Security vs Safety

ICAO

**04**

**MID Aerodromes Safety Dashboard**

**BAHRAIN**

# Aerodromes Safety *vs* State's Oversight Capability

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✓ | 100.00% | ✓ | 100.00% | ✓ | 100.00% | 100.00% |

**Current State Effective Aerodromes Oversight Capability**

**"ICVM - 2018 "** 84.21%

**Regional Average EI in AGA Area** 71.26%

## 04

## MID Aerodromes Safety Dashboard

**EGYPT**

# Aerodromes Safety *vs* State's Oversight Capability

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✓ ✓ ✓ ✓ ✓ ✓ ✓ | 100.00% | ✓ ✓ ✓ ✓ ✓ ✓ ✓ | 100.00% | ✓ ✓ ✓ ✓ ✓ ✓ | 100.00% | 86.67% |

**Current State Effective Aerodromes Oversight Capability**

**"OSVA - 2023 "** **83.47**%

**Regional Average EI in AGA Area**

**71.26**%

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# 04

# MID Aerodromes Safety Dashboard

**IRAN**

# Aerodromes Safety *vs* State's Oversight Capability

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| **Certified** | **Level of Implementation** | **Established** | **Level of Implementation** | **Ready** | **Level of Deployment** | |
| ✓ | | ✓ | | ✗ | | |
| ✗ | | ✓ | | ✓ | | |
| ✗ | | ✓ | | ✓ | | |
| ✗ | 44.44% | ✓ | 100.00% | ✓ | 77.78% | 80.00% |
| ✗ | | ✓ | | ✓ | | |
| ✓ | | ✓ | | ✓ | | |
| ✗ | | ✓ | | ✓ | | |
| ✓ | | ✓ | | ✓ | | |
| ✓ | | ✓ | | ✗ | | |

**Current State Effective Aerodromes Oversight Capability**

**"CMA A - 2022 "** **67.42**%

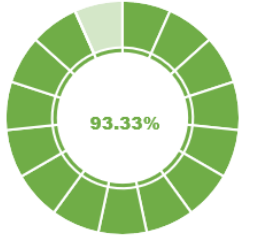**Regional Average EI in AGA Area**

**71.26**%

# Aerodromes Safety *vs* State's Oversight Capability

**04**

**MID Aerodromes Safety Dashboard**

**IRAQ**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ❌ ❌ ❌ ❌ ❌ ❌ | 0.00% | ❌ ❌ ❌ ❌ ❌ ❌ | 0.00% | ❌ ❌ ❌ ❌ ❌ ❌ | 0.00% | 13.33% |

**Current State Effective Aerodromes Oversight Capability**

"DBA - 2020 "   **22.14%**

**Regional Average EI in AGA Area**

**71.26%**

# Aerodromes Safety *vs* State's Oversight Capability

**04**

## MID Aerodromes Safety Dashboard

**JORDAN**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| **Certified** | **Level of Implementation** | **Established** | **Level of Implementation** | **Ready** | **Level of Deployment** | |
| ✓ | 100.00% | ✓ | 100.00% | ✓ | 100.00% | 93.33% |
| ✓ | | ✓ | | ✓ | | |

Current State Effective Aerodromes Oversight Capability

**"ICVM – 2017 "** **55.74**%

Regional Average EI in AGA Area

**71.26**%

ICAO

## 04

## MID Aerodromes Safety Dashboard

**KUWAIT**

# Aerodromes Safety *vs* State's Oversight Capability

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✓ | 100.00% | ✓ | 100.00% | ✓ | 100.00% | 100.00% |

Current State Effective Aerodromes Oversight Capability

Regional Average EI in AGA Area

" OSVA – 2021 "    63.41%

71.26%

# Aerodromes Safety *vs* State's Oversight Capability
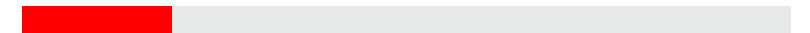
**04**

**MID Aerodromes Safety Dashboard**

**LEBANON**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ⊗ | 0.00% | ⊗ | 0.00% | ⊗ | 0.00% | 0.00% |

Current State Effective Aerodromes Oversight Capability

" CMA A – 2017 "   63.96%

Regional Average EI in AGA Area   71.26%

ICAO

# Aerodromes Safety *vs* State's Oversight Capability

**02**

**MID Aerodromes Safety Dashboard**

**LIBYA**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✖ | 0.00% | ✖ | 0.00% | ✖ | 0.00% | 0.00% |
| ✖ | | ✖ | | ✖ | | |
| ✖ | | ✖ | | ✖ | | |

**Current State Effective Aerodromes Oversight Capability**

" DBA - 2020 "

**19.67**%

**71.26**%

**Regional Average EI in AGA Area**

## 04

# MID
# Aerodromes
# Safety Dashboard

**OMAN**

# Aerodromes Safety *vs*
# State's Oversight Capability

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✓ | 100.00% | ✓ | 100.00% | ✓ | 100.00% | 100.00% |
| ✓ | | ✓ | | ✓ | | |

Current State Effective
Aerodromes Oversight Capability

Regional Average EI in AGA Area

" ICVM - 2023 "    90.91%

71.26%

# Aerodromes Safety *vs* State's Oversight Capability

**04**

**MID Aerodromes Safety Dashboard**

**QATAR**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✓ ✓ | 100.00% | ✓ ✓ | 100.00% | ✓ ✓ | 100.00% | 100.00% |

Current State Effective Aerodromes Oversight Capability

" ICVM - 2018 "  86.99%

Regional Average EI in AGA Area  71.26%

# Aerodromes Safety *vs* State's Oversight Capability

**02**

## MID Aerodromes Safety Dashboard

**SAUDI ARABIA**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✓ | | ✓ | | ✓ | | |
| ✓ | 100.00% | ✓ | 100.00% | ✓ | 100.00% | 93.33% |
| ✓ | | ✓ | | ✓ | | |
| ✓ | | ✓ | | ✓ | | |

Current State Effective Aerodromes Oversight Capability

" ICVM - 2014 " **81.90**%

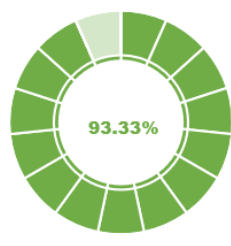Regional Average EI in AGA Area

**71.26**%

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# Aerodromes Safety *vs* State's Oversight Capability

**04**

**MID Aerodromes Safety Dashboard**

**SUDAN**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ✓ | | ✓ | | ✓ | | |
| ✓ | 75.00% | ✓ | 100.00% | ✓ | 100.00% | 80.00% |
| ✗ | | ✓ | | ✓ | | |
| ✓ | | ✓ | | ✓ | | |

**Current State Effective Aerodromes Oversight Capability**

" OSVA – 2014 "  **64.60**%

**Regional Average EI in AGA Area**

**71.26**%

ICAO

## 04

# MID Aerodromes Safety Dashboard

**SYRIA**

# Aerodromes Safety *vs* State's Oversight Capability

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ❌ | | ✅ | | ❌ | | |
| ❌ | 0.00% | ✅ | 66.67% | ❌ | 0.00% | 20.00% |
| ❌ | | ❌ | | ❌ | | |

**Current State Effective Aerodromes Oversight Capability**

**" CMA A - 2008"**  **60.91**%

**Regional Average EI in AGA Area**  **71.26**%

# Aerodromes Safety *vs* State's Oversight Capability

## 04

## MID Aerodromes Safety Dashboard

**UAE**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| **Certified** | **Level of Implementation** | **Established** | **Level of Implementation** | **Ready** | **Level of Deployment** | |
| ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | 100.00% | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | 100.00% | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | 100.00% | 100.00% |

Current State Effective Aerodromes Oversight Capability

Regional Average EI in AGA Area

" IVA – 2015 "

**98.26**%

**71.26**%

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# Aerodromes Safety *vs* State's Oversight Capability

**04**

**MID Aerodromes Safety Dashboard**

**YEMEN**

| AD Certification Implementation | | AD Local RST Establishment | | AD Readiness for GRF Deployment | | National GRF Implementation Plan Progress |
|---|---|---|---|---|---|---|
| Certified | Level of Implementation | Established | Level of Implementation | Ready | Level of Deployment | |
| ❌ | | ❌ | | ❌ | | |
| ❌ | 0.00% | ❌ | 0.00% | ❌ | 0.00% | 0.00% |
| ❌ | | ❌ | | ❌ | | |
| ❌ | | ❌ | | ❌ | | |
| ❌ | | ❌ | | ❌ | | |

Current State Effective Aerodromes Oversight Capability

Regional Average EI in AGA Area

**" NO USOAP Activity conducted "**

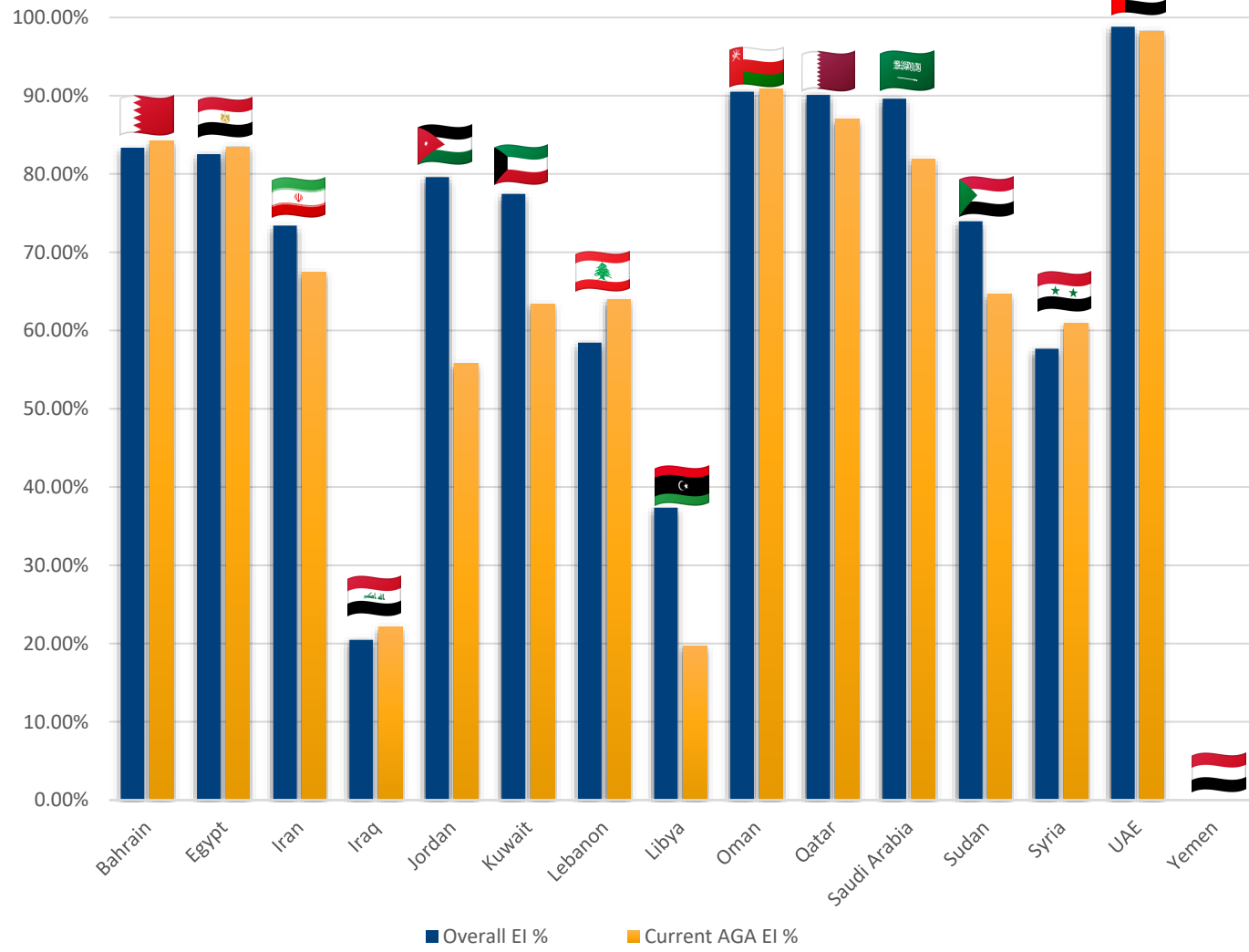**71.26**%

05

AGA

DATA ANALYSIS

**Overall EI % vs AGA IE %**

05

AGA

DATA ANALYSIS

MID States Overall Oversight Capabilities

**MID States Overall Oversight Capabilities**

Group A

Group B

Regional EI

Global EI

Overall EI %   Current AGA EI %
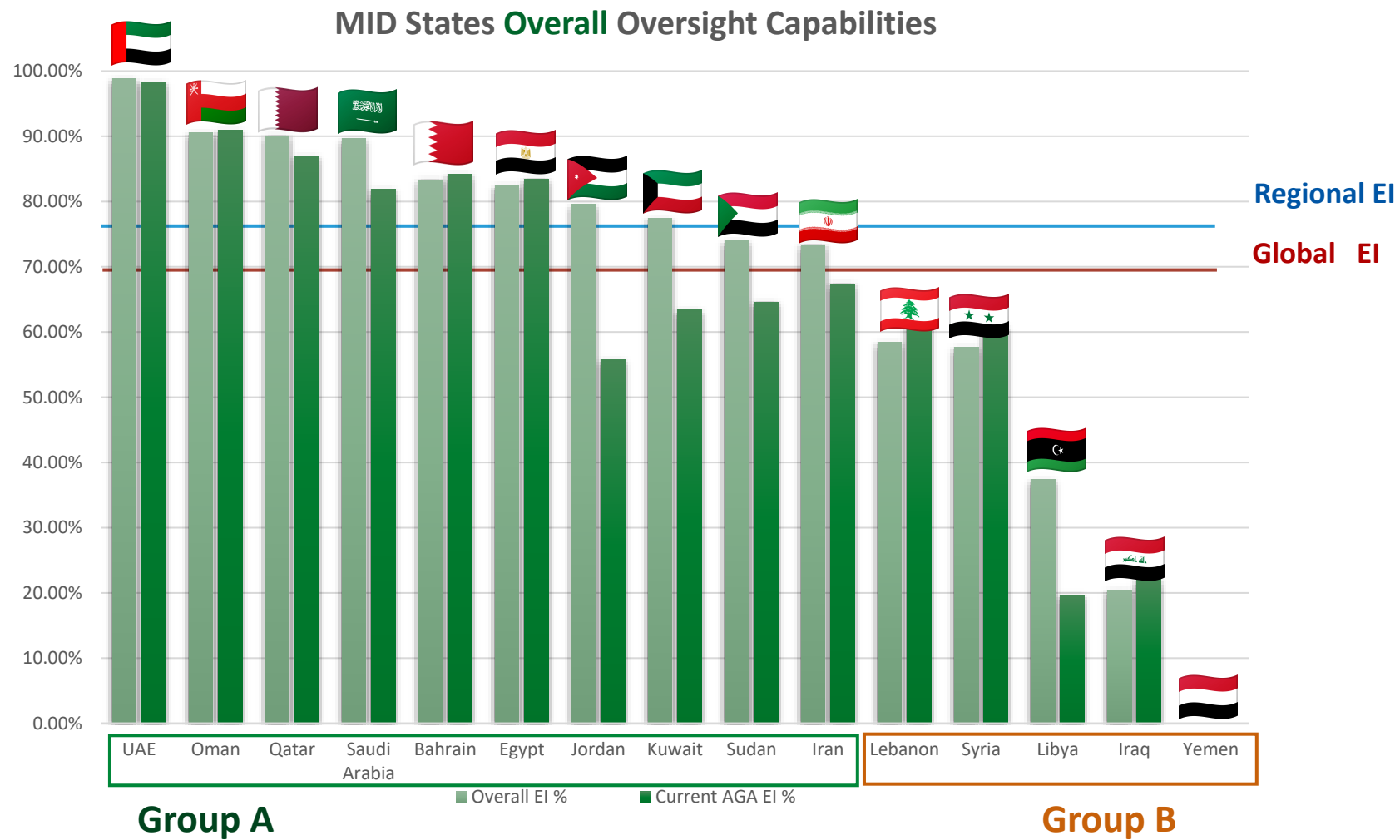
*Group A > "Global EI" > Group B*

# 05

# AGA

# DATA ANALYSIS

MID States Overall Oversight Capabilities



**MID States Overall Oversight Capabilities**
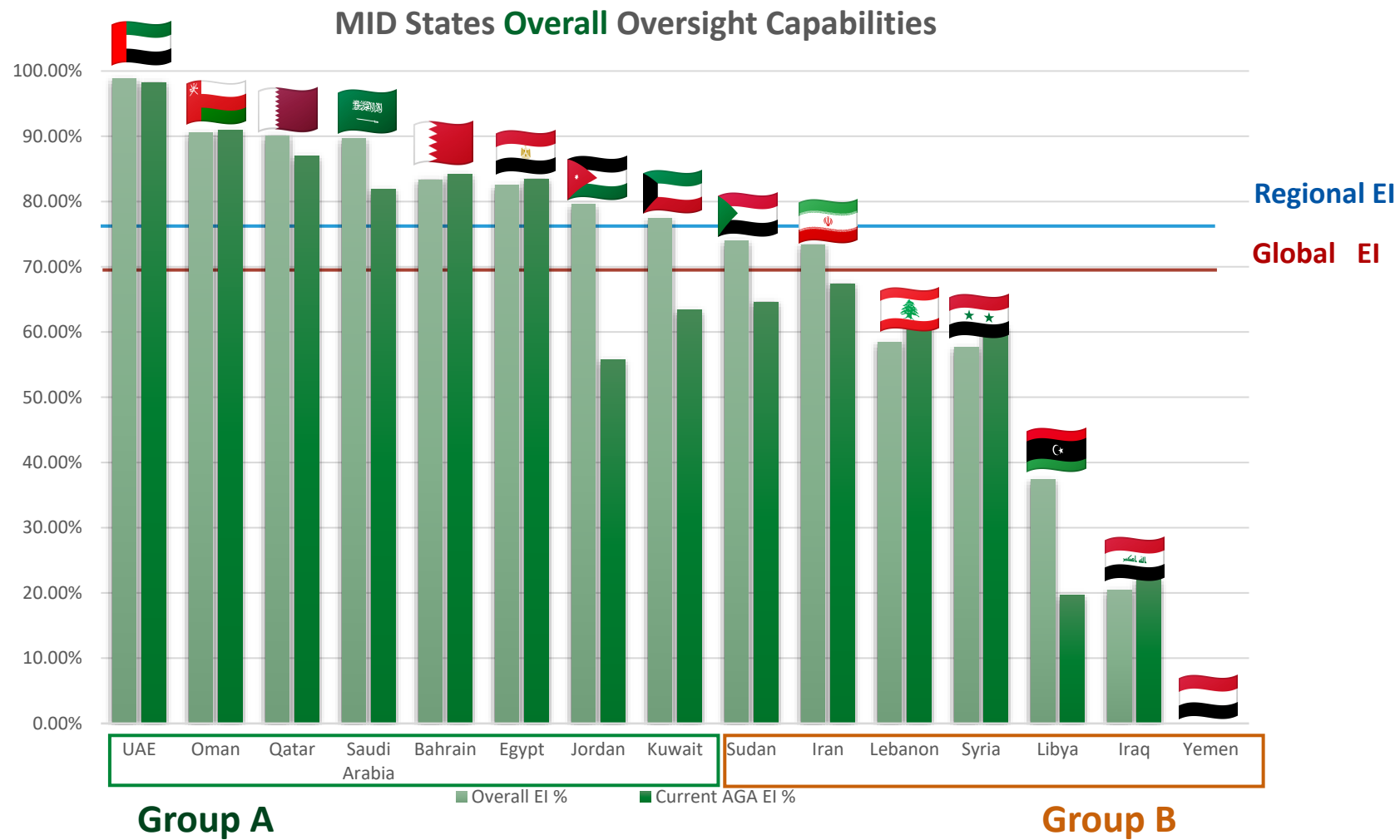
*Group A > "Regional EI" > Group B*

**05**

**AGA DATA ANALYSIS**

Congratulations to the TOP 3

MID States
**Overall Oversight Capabilities**

MID States Oversight Capabilities in AGA Area

05

AGA

DATA ANALYSIS

MID States Oversight Capabilities in AGA Area
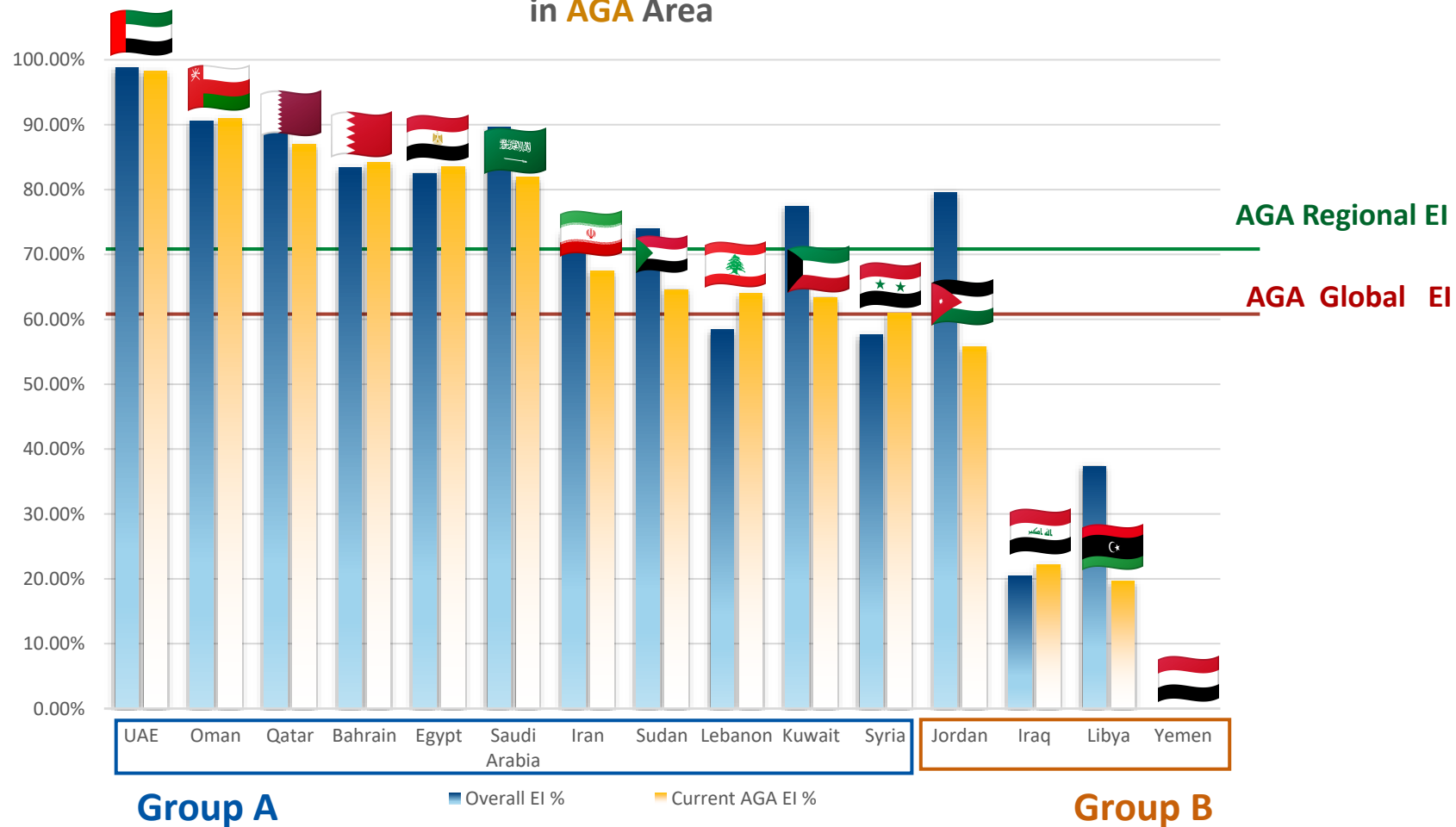
Group A > "AGA Global EI" > Group B

**MID States Oversight Capabilities in AGA Area**

05

AGA

DATA ANALYSIS

MID States Oversight Capabilities in AGA Area
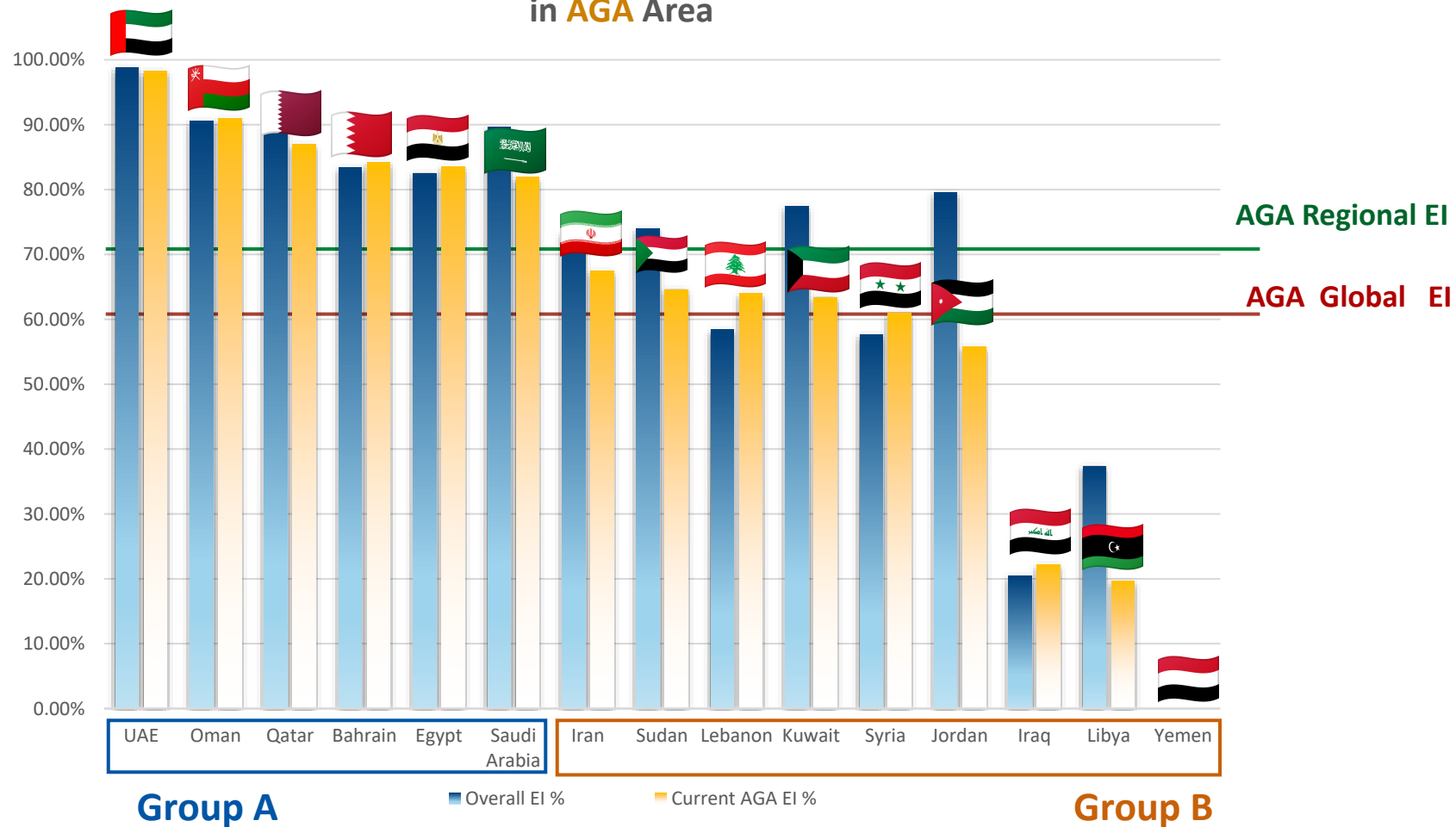
*Group A > "AGA Regional EI" > Group B*

# 05

## AGA DATA ANALYSIS

**Congratulations to the TOP 3**

MID States Oversight Capabilities in
**AGA Area**

**ICAO Headquarters**
Montréal

**European and North Atlantic (EUR/NAT) Office**
Paris

**Asia and Pacific (APAC) Sub-office**
Beijing

**Middle East (MID) Office**
Cairo

**Western and Central African (WACAF) Office**
Dakar

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

**Asia and Pacific (APAC) Office**
Bangkok

**South American (SAM) Office**
Lima

**Eastern and Southern African (ESAF) Office**
Nairobi

Thank You!