



MENA ARCM DATABASE TEAM

Committee Meeting

September 11-12 , 2022



OUTLINE

1 INTRODUCTION

2 WORK DONE

3 SUMMARY OF FINDINGS

4 TEAM RECOMMENDATION

1. Introduction

In order to foster the cooperation among member states, the MENA ARCM Committee has recognized the importance of developing a database platform and assigning a dedicated team for this mission.

Our team has conducted a series of workshops to draw the roadmap, the required data and the recommendation for the database





Introduction

Aim of Database Team

- ❑ Develop MENA ARCM Database through defining available resources and capabilities among the MENA ARCM member states.

Motives & Benefits

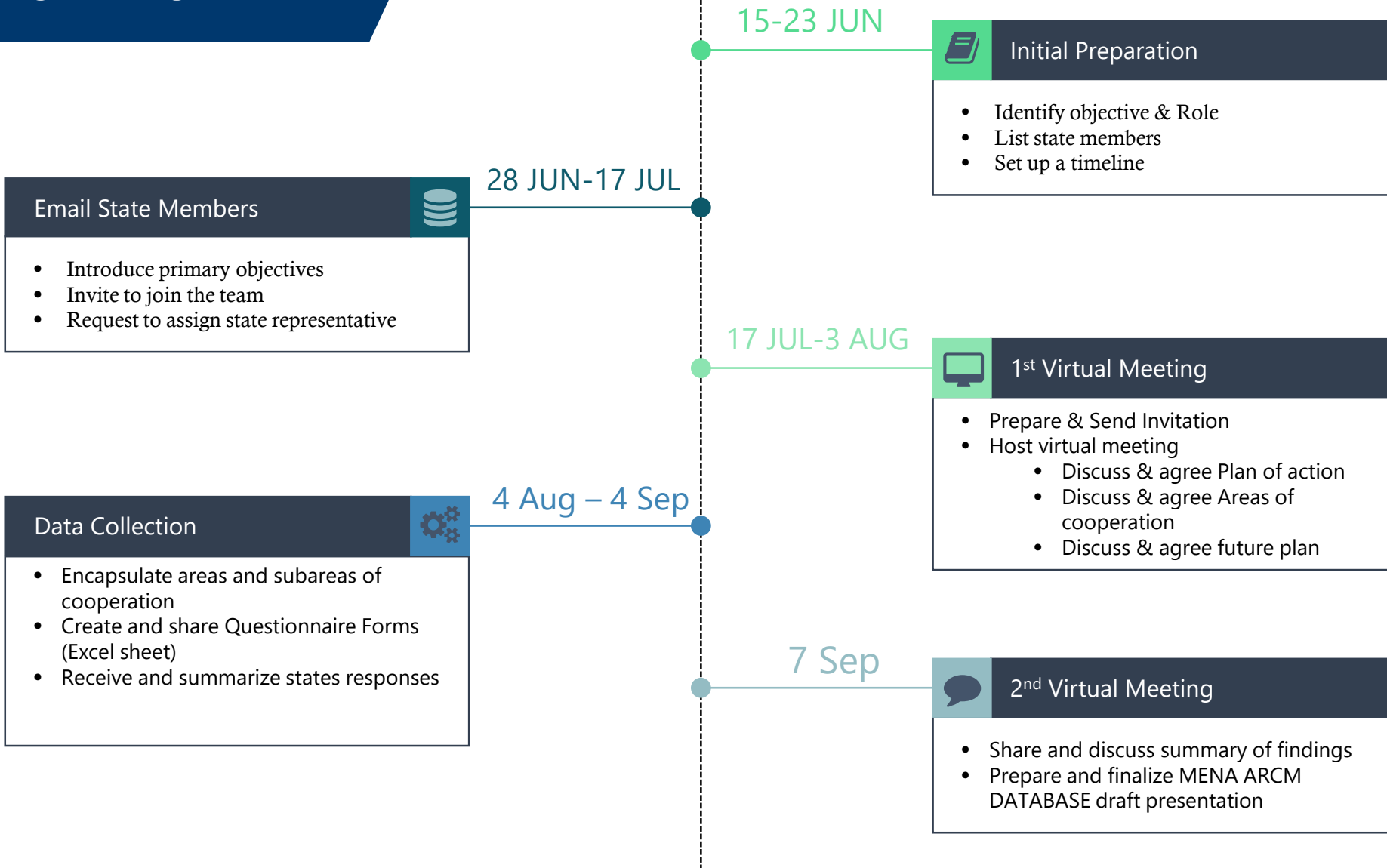
- ❑ Facilitate multi-lateral technical cooperation and collaboration
- ❑ Technical assistance in accidents and incidents investigation
- ❑ Enhance member states compliance to Annex 13
- ❑ Make utmost use of AIG resources available including expertise, training capabilities, equipment, investigation know-how and information, standards and guidance.

Workshops in brief

- ❑ Discussed and agreed importance of database
- ❑ Discussed and agreed on the roadmap
- ❑ Discussed and agreed areas of cooperation
- ❑ Finalized recommendation and final presentation



2. WORK DONE

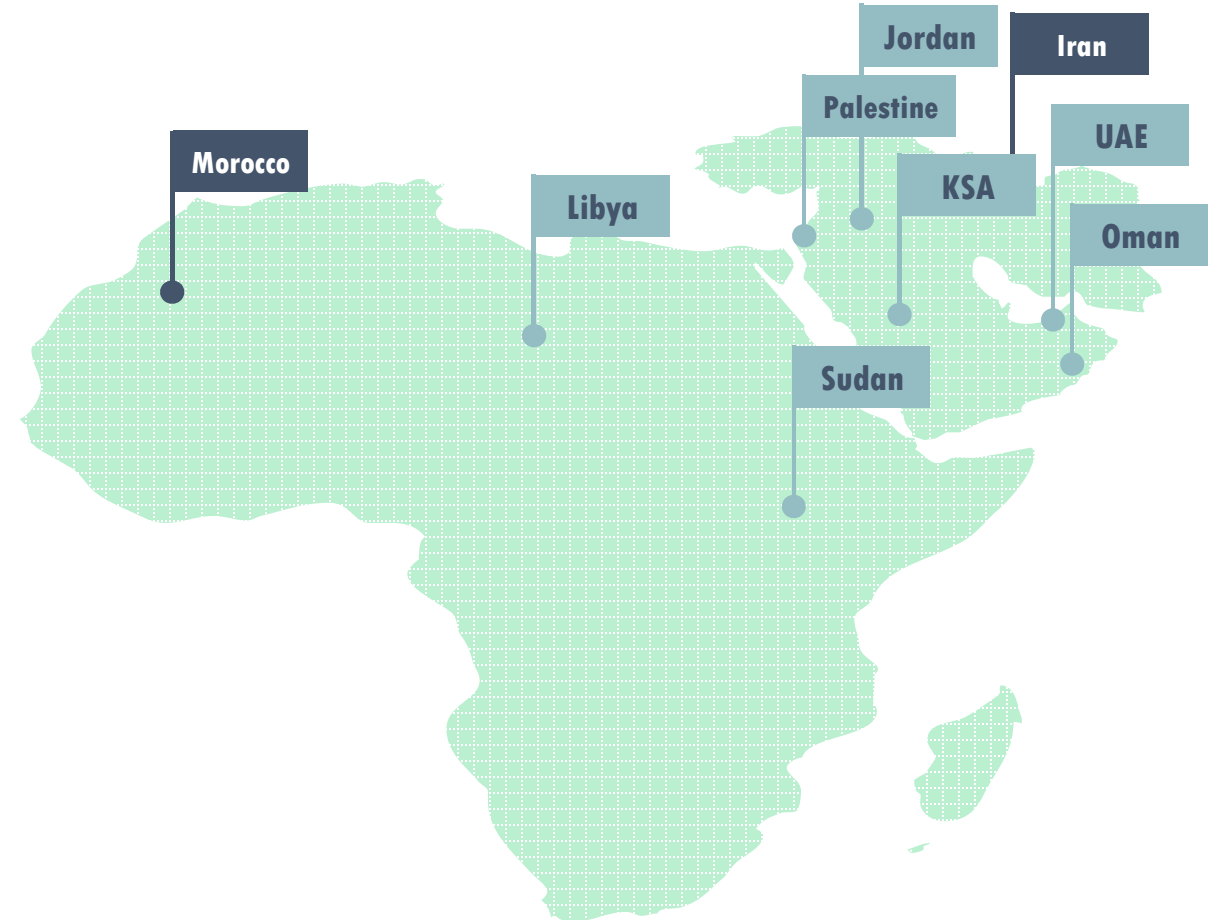
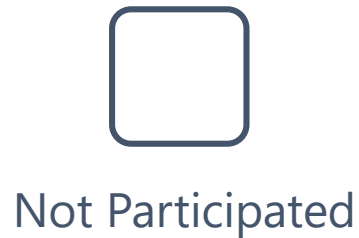


Final Presentation at MENA ARCM Committee Meeting 11-12 SEP

AREAS OF COOPERATION

Areas	Investigation Expertise	Tools & Equipment	Reports	Process and procedure Manuals	Training	LAB	Delegation of investigation	Safety recommendations
Sub- areas	Names or Organization	Aerial photography (Drones)	Reporting analysis	Investigation manuals	OJT	Downloading FDR& CVR	facility	Mechanism
	Expertise (Human factor, cyber security, operations, Engineering, Air navigation ATC, FDR& CVR, Metallurgy)	Simulator, FARO, Animation Software, hydrophones, ROV & Sonars	Investigation reports	Practices for writing manuals	Bi-annual Sharing plans	Animation	Examination area	Repository
		Field investigation kits	Peer review before publication	Developing manuals	Drills	Metallurgy Analysis	Expertise	Promotion
				Drafting, consulting, publishing, implementation, assessment		FDR/CVR Analysis	Wreckage storage	Technical Category
				References				Follow-up

3. Summary of Findings



8 Areas of cooperation were included in the data collection phase

([Investigation Experts](#), [Tools & Equipment](#), [Reports](#), [Process & procedures](#), [Training](#), [Eng. Lab](#), [Delegation of Investigation](#), [Safety recommendation](#))

DATA COLLECTION - OVERVIEW

Libya

- Number of Experts : 1
- Investigation Reports Write/Analyze : No
- Examination Area : No
- External Visitors : Unknown
- FDR/CVR Download : No
- Metallurgy Analysis : No
- Aerial Photography : No
- Recommendation Procedure : No
- Provide OJT : No

Palestine

- Number of Experts : 1
- Investigation Reports Write/Analyze : No
- Examination Area : No
- External Visitors : Unknown
- FDR/CVR Download : No
- Metallurgy Analysis : No
- Aerial Photography : No
- Recommendation Procedure : No
- Provide OJT : No

Jordan

- Number of Experts : 1
- Investigation Reports Write/Analyze : No
- Examination Area : Yes
- External Visitors : 2
- FDR/CVR Download : No
- Metallurgy Analysis : No
- Aerial Photography : No
- Recommendation Procedure : Yes
- Provide OJT : Yes

UAE

- Number of Experts : 7
- Investigation Reports Write/Analyze : Yes
- Examination Area : Yes
- External Visitors : 5
- FDR/CVR Download : Yes
- Metallurgy Analysis : No
- Aerial Photography : Yes
- Recommendation Procedure : Yes
- Provide OJT : Yes

Sudan

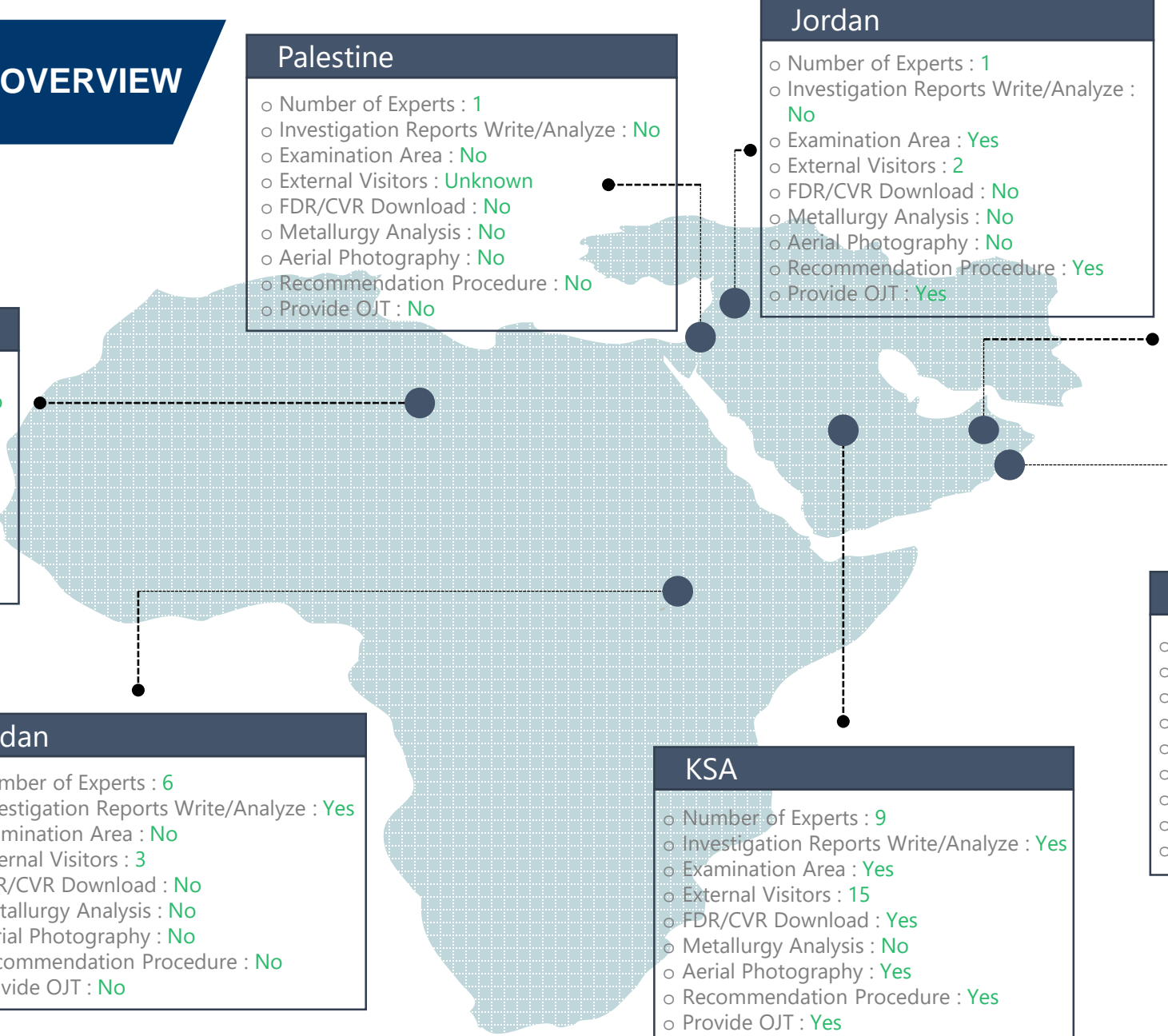
- Number of Experts : 6
- Investigation Reports Write/Analyze : Yes
- Examination Area : No
- External Visitors : 3
- FDR/CVR Download : No
- Metallurgy Analysis : No
- Aerial Photography : No
- Recommendation Procedure : No
- Provide OJT : No

KSA

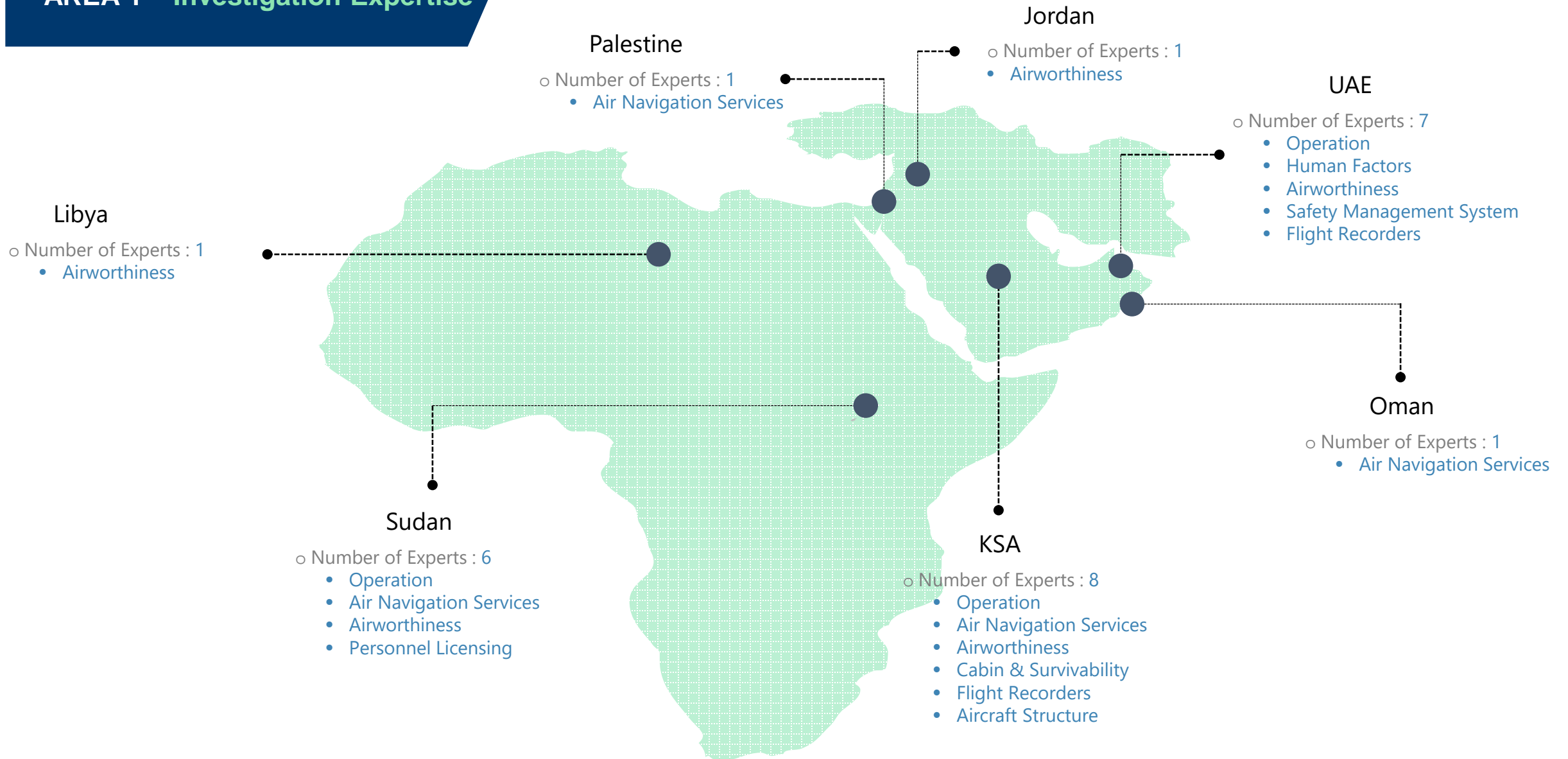
- Number of Experts : 9
- Investigation Reports Write/Analyze : Yes
- Examination Area : Yes
- External Visitors : 15
- FDR/CVR Download : Yes
- Metallurgy Analysis : No
- Aerial Photography : Yes
- Recommendation Procedure : Yes
- Provide OJT : Yes

Oman

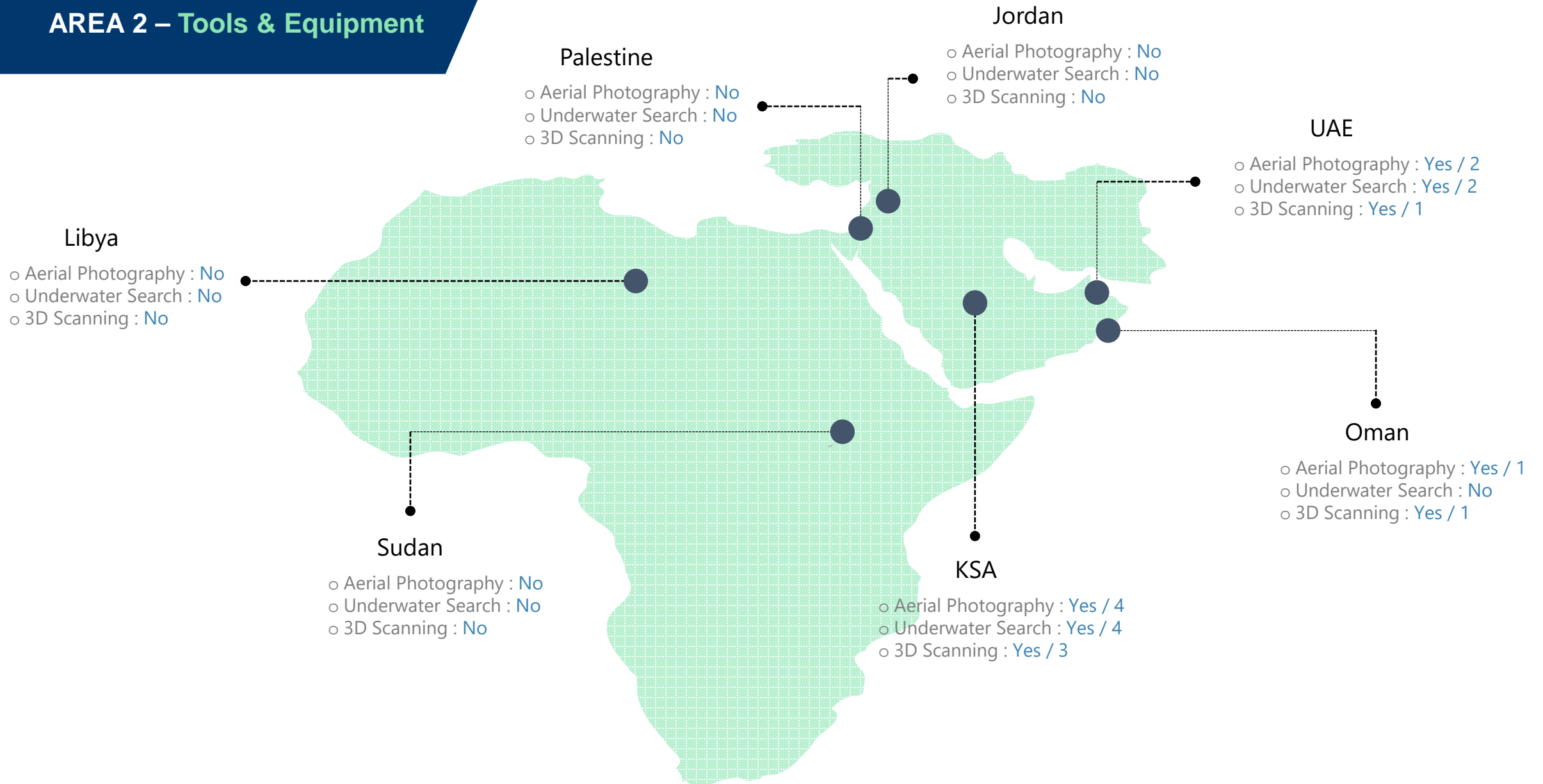
- Number of Experts : 1
- Investigation Reports Write/Analyze : Yes
- Examination Area : Yes
- External Visitors : 2
- FDR/CVR Download : No
- Metallurgy Analysis : No
- Aerial Photography : Yes
- Recommendation Procedure : Yes
- Provide OJT : No



AREA 1 – Investigation Expertise



AREA 2 – Tools & Equipment



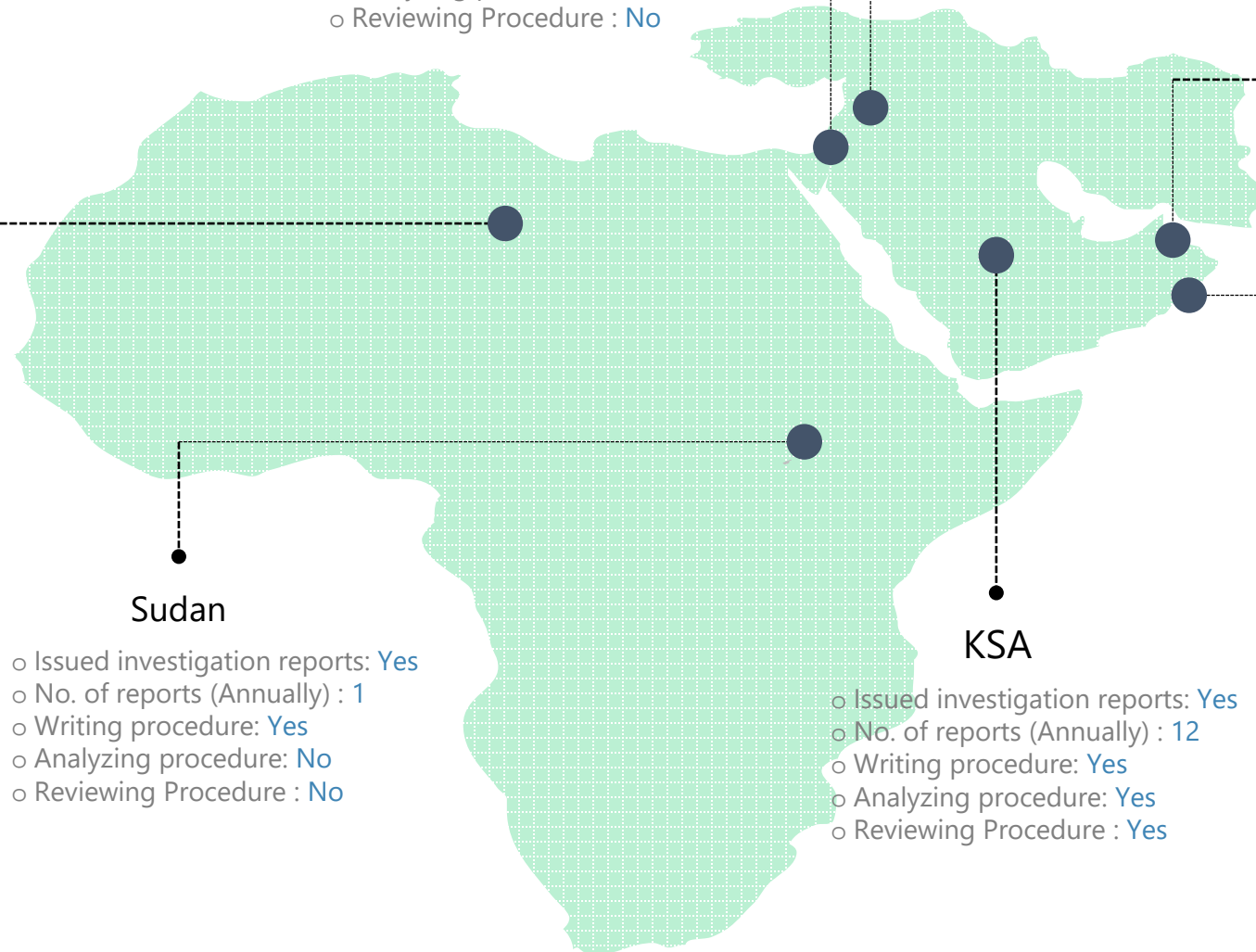
AREA 3 – Investigation Reports

- Libya**
- Issued investigation reports: **No**
 - No. of reports (Annually) : **0**
 - Writing procedure: **No**
 - Analyzing procedure: **No**
 - Reviewing Procedure : **No**

- Palestine**
- Issued investigation reports: **No**
 - No. of reports (Annually): **0**
 - Writing procedure: **No**
 - Analyzing procedure: **No**
 - Reviewing Procedure : **No**

- Jordan**
- Issued investigation reports: **Yes**
 - No. of reports (Annually) : **4**
 - Writing procedure: **No**
 - Analyzing procedure: **No**
 - Reviewing Procedure : **No**

- UAE**
- Issued investigation reports: **Yes**
 - No. of reports (Annually): **15**
 - Writing procedure: **Yes**
 - Analyzing procedure: **Yes**
 - Reviewing Procedure : **Yes**

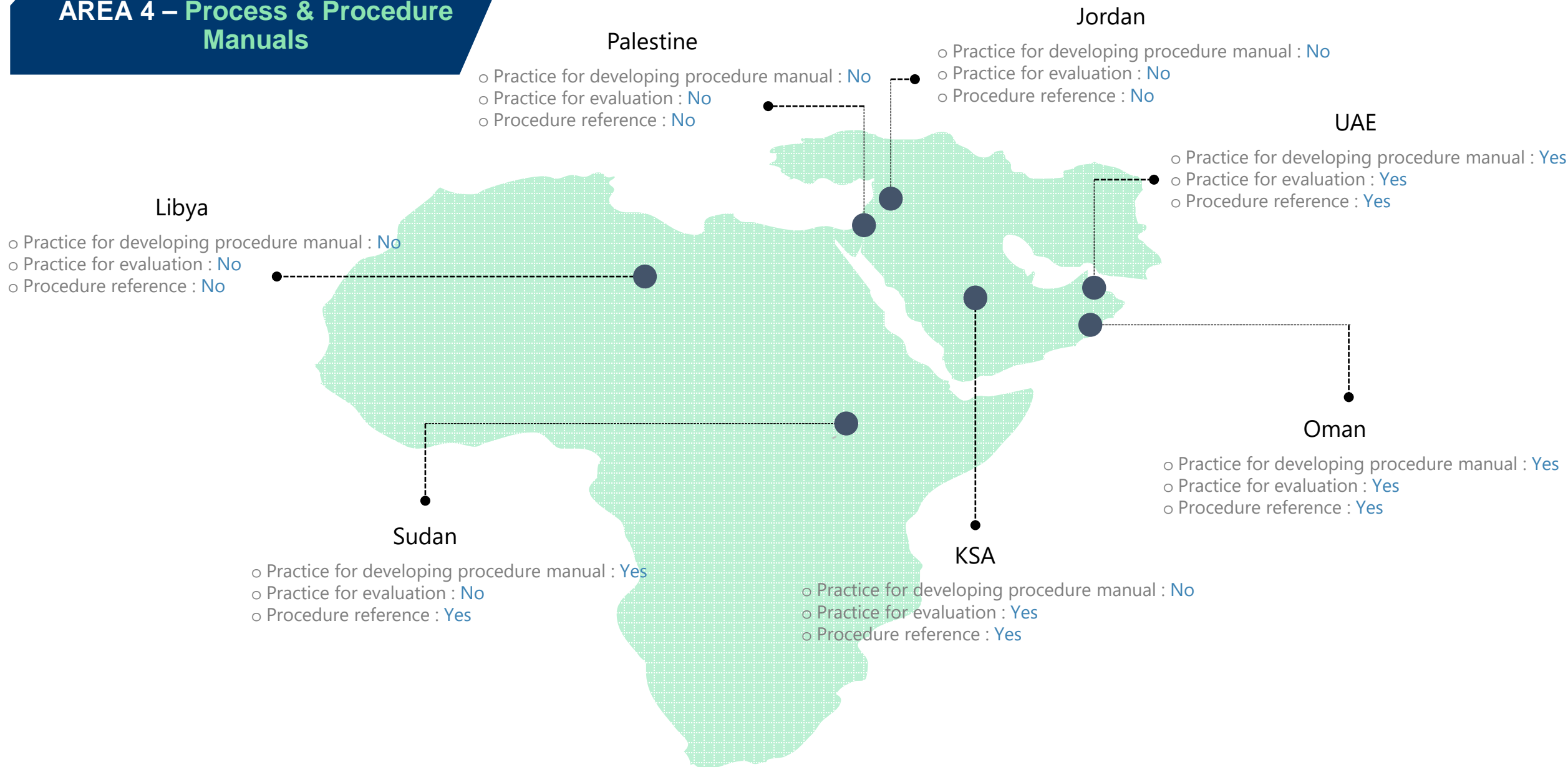


- Sudan**
- Issued investigation reports: **Yes**
 - No. of reports (Annually) : **1**
 - Writing procedure: **Yes**
 - Analyzing procedure: **No**
 - Reviewing Procedure : **No**

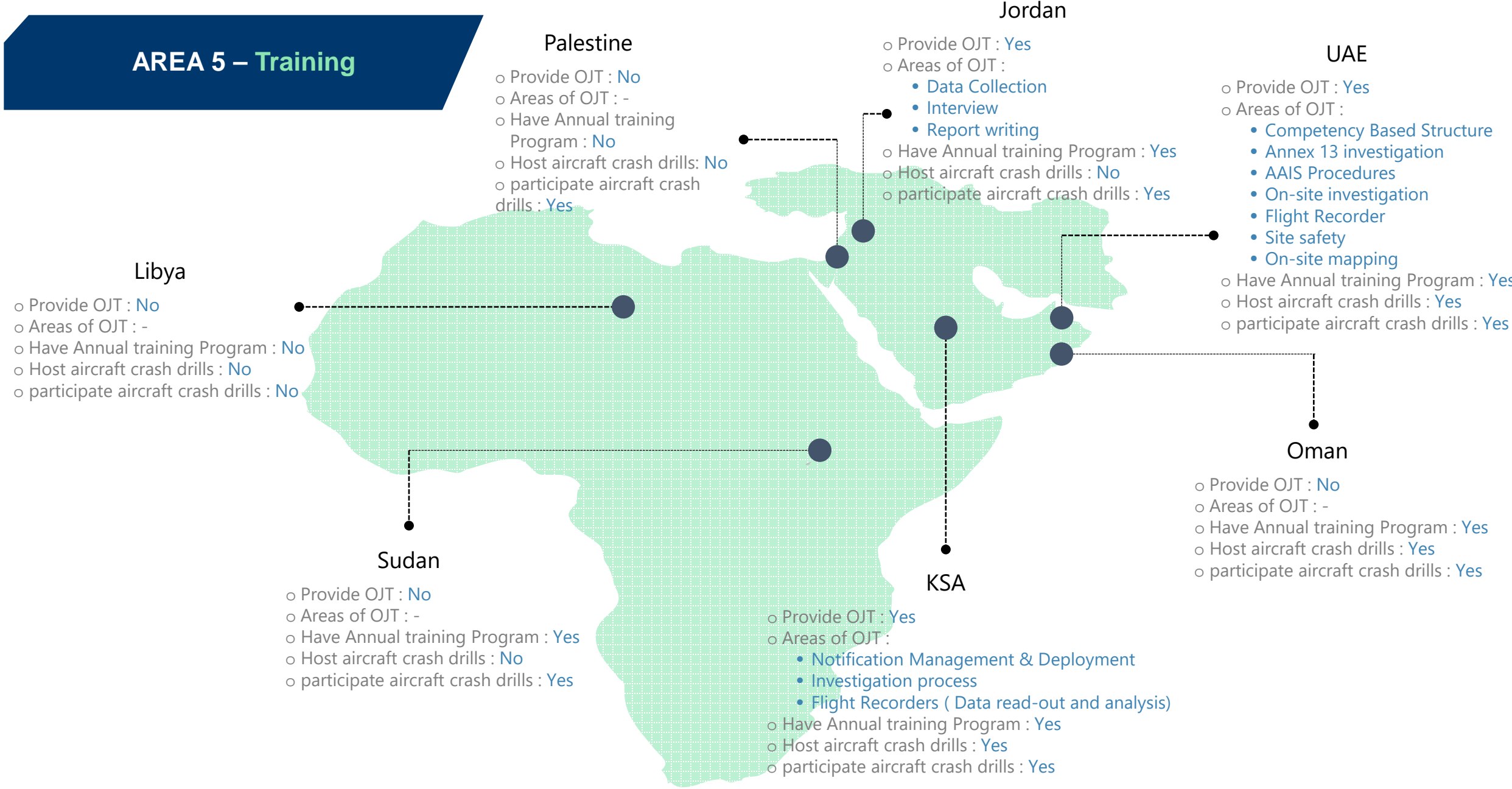
- KSA**
- Issued investigation reports: **Yes**
 - No. of reports (Annually) : **12**
 - Writing procedure: **Yes**
 - Analyzing procedure: **Yes**
 - Reviewing Procedure : **Yes**

- Oman**
- Issued investigation reports: **No**
 - No. of reports (Annually) : **0**
 - Writing procedure: **Yes**
 - Analyzing procedure: **Yes**
 - Reviewing Procedure : **Yes**

AREA 4 – Process & Procedure Manuals



AREA 5 – Training



AREA 6 – Engineering Lab

Libya
○ FDR\CVR download : No
○ Animation software : No
○ Material Analysis : No

Palestine
○ FDR\CVR download : No
○ Animation software : No
○ Material Analysis : No

Jordan
○ FDR\CVR download : No
○ Animation software : No
○ Material Analysis : No

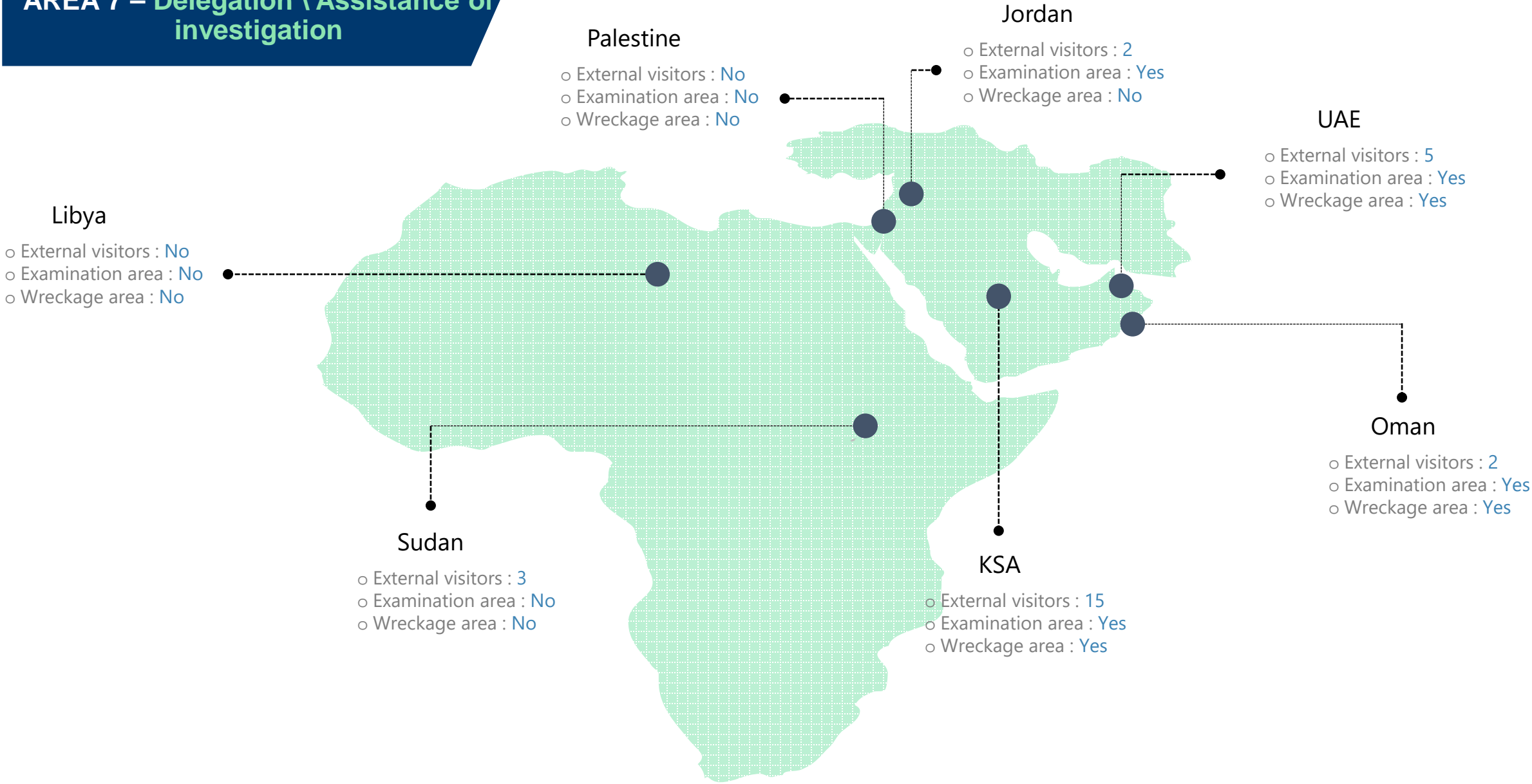
UAE
○ FDR\CVR download : Yes
○ Animation software : Yes
○ Material Analysis : No

Sudan
○ FDR\CVR download : No
○ Animation software : No
○ Material Analysis : No

KSA
○ FDR\CVR download : Yes
○ Animation software : Yes
○ Material Analysis : No

Oman
○ FDR\CVR download : No
○ Animation software : No
○ Material Analysis : No

AREA 7 – Delegation \ Assistance of investigation



AREA 8 – Safety Recommendation

Libya

- Issued safety recommendation : No
- Published recommendation : -
- Mechanism to issue safety recommendation : -
- Technical categories of safety recommendations : No
- (Non – technical) categories : No
- Recommendation follow-up procedure : No

Palestine

- Issued safety recommendation : No
- Published recommendation : -
- Mechanism to issue safety recommendation : No
- Technical categories of safety recommendations : No
- (Non – technical) categories : No
- Recommendation follow-up procedure : No

Jordan

- Issued safety recommendation : Yes
- Published recommendation : -
- Mechanism to issue safety recommendation : Yes
- Technical categories of safety recommendations : No
- (Non – technical) categories : No
- Recommendation follow-up procedure : Yes

UAE

- Issued safety recommendation : Yes
- Published recommendation (since 2007): 1150
- Mechanism to issue safety recommendation : Yes
- Technical categories of safety recommendations : No
- (Non – technical) categories : No
- Recommendation follow-up procedure : Yes

Oman

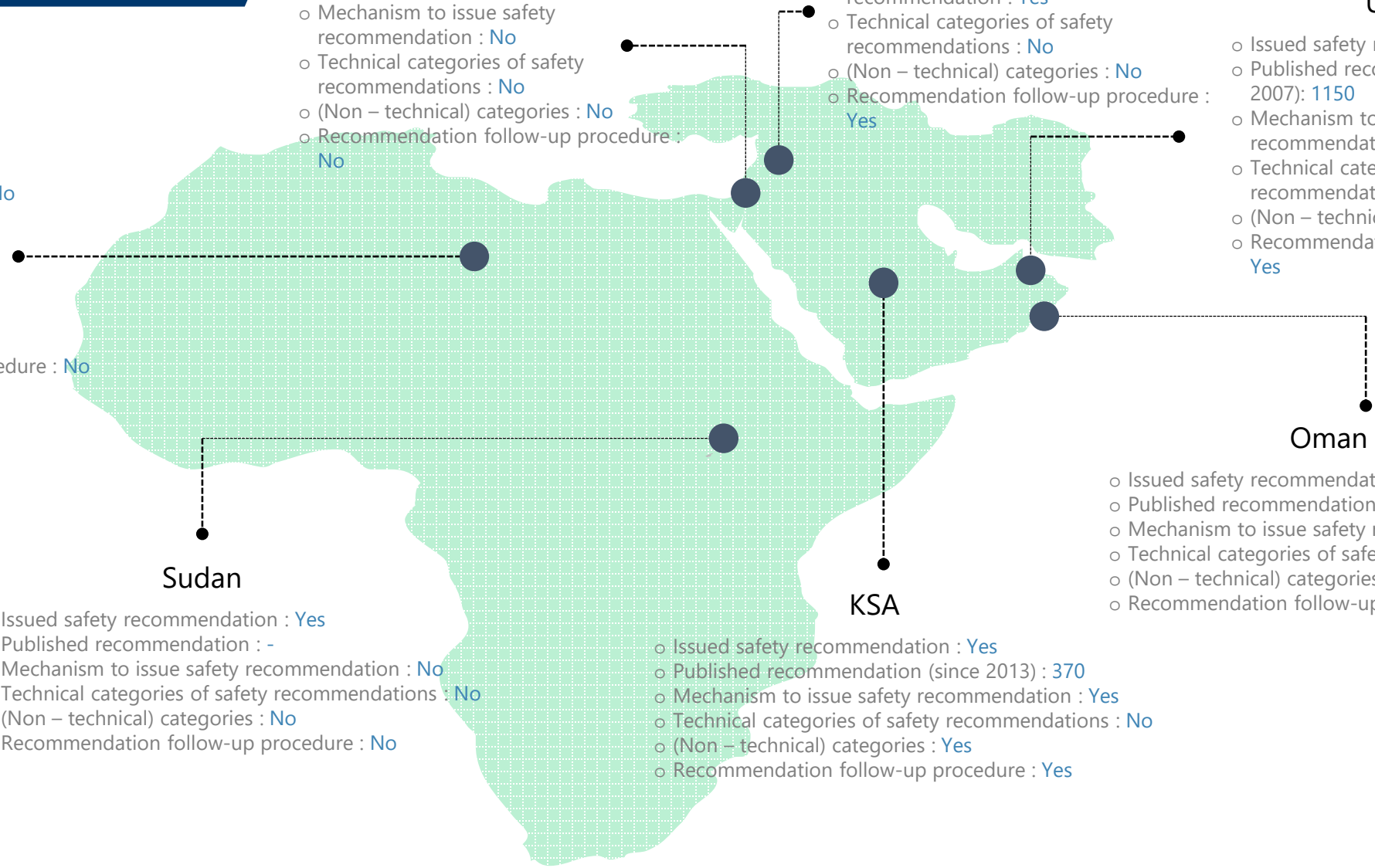
- Issued safety recommendation : Yes
- Published recommendation : 4
- Mechanism to issue safety recommendation : Yes
- Technical categories of safety recommendations : No
- (Non – technical) categories : No
- Recommendation follow-up procedure : Yes

Sudan

- Issued safety recommendation : Yes
- Published recommendation : -
- Mechanism to issue safety recommendation : No
- Technical categories of safety recommendations : No
- (Non – technical) categories : No
- Recommendation follow-up procedure : No

KSA

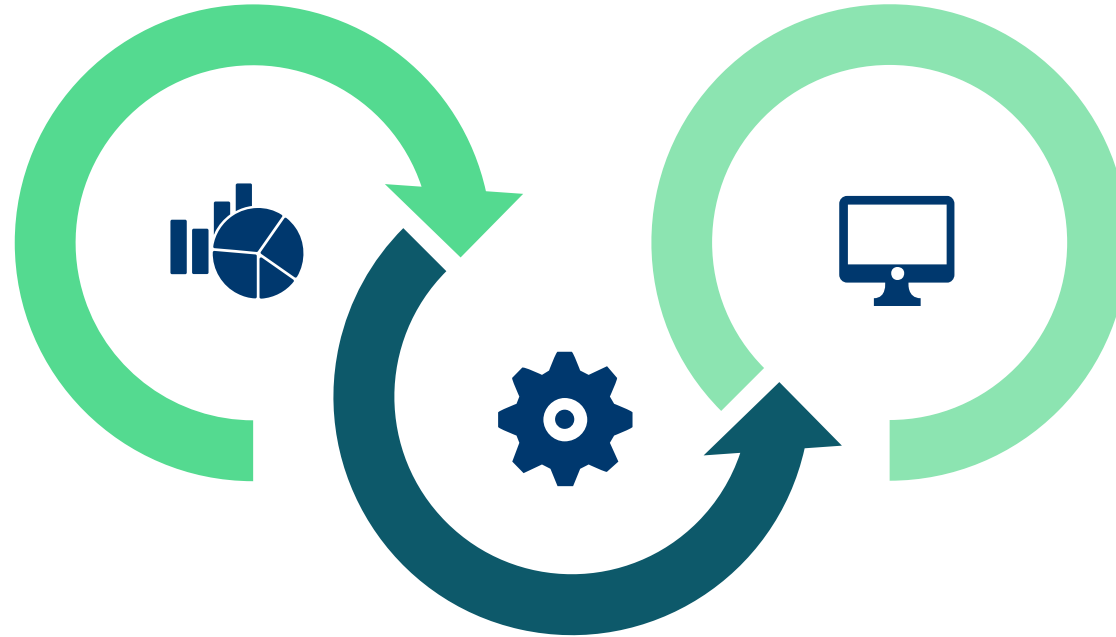
- Issued safety recommendation : Yes
- Published recommendation (since 2013) : 370
- Mechanism to issue safety recommendation : Yes
- Technical categories of safety recommendations : No
- (Non – technical) categories : Yes
- Recommendation follow-up procedure : Yes



4. Team Recommendation

Function

- View & provide up-to-date data
 - Apply for assistance request



Tool

Online Platform

Features & Characteristics

- Accessible
- Secured and flexible
- History log
- 1 controller, 1 admin member for each state
- Periodic update (Monthly, quarterly, biannually)
- General view for other states



MENA ARCM DATABASE

Committee Meeting

September 12 , 2022



OUTLINE

1 State Members

2 Action Plan

1. STATE MEMBERS (Focal Points)

STATE MEMBERS					
State	Contact	Email	Phone	Data	MoU Signature
Sudan	Mr. Abdelwahid Elhag	Abdelwahid.aai@scaa.gov.sd	+249 123499406	Yes	Signed
UAE	Mr. Ibrahim Addassi	ialaddasi@gcaa.gov.ae	+971 24054276	Yes	Signed
Palestine	Mr. Mohammed Ammous	Ammous1966@gmail.com	+970 593942953	Yes	Signed
Saudi Arabia	Mr. Albara'a Naser	Anaser@aib.gov.sa	+966 504332416	Yes	Signed
Jordan	Dr. Abdallah Al Samarat	investigation@carc.gov.jo	+962 772208400	Yes	Signed
Oman	Mrs. Ziyana Alsaïd	Zayana.alsaïed@mtcit.gov.om	+968 99840014	Yes	Signed
Libya	Mr. Waled Hammam	waled.hammam@caa.gov.ly	+218 926533780	Yes	Signed
Djibouti	Mr. Hassan Elmi	hassanelmibea@hotmail.com	+253 77526069	Yes	Signed
Morocco	Mr. Samir ATTAYEBI	s.attayebi@aviationcivile.gov.ma	+212 618429683	No	Signed
Iran	Mohammed Sajad	m-sajad@cao.ir		No	Signed
Iraq				No	Signed
Kuwait				No	Signed
Mauritania	Mohamed Lehdhana	hametyml@yahoo.fr	+222 36319543	No	Signed
Yemen				No	Signed



2. Action Plan



- Re-Invite state members
- Benchmark
- Develop Process & Procedure
- Define parameters
- Agree NDA
- Launching Plan



Thank You

