

MENA ARCM/3

COMMITTEE MEETING

TUESDAY May 2, 2023



PRESENTATION
AGENDA

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INTRODUCTION

Overview of the objective, work done, timeline, and key outcomes



DATABASE ENHANCEMENT

Update on the collected and validated data to include all areas and sub-areas of cooperation



TECHNICAL ASSISTANCE

Outline the process and required documentations to provide technical assistance



FUTURE WORK

Topics, concerns, and suggestions to be discussed for future work purposes

INTRODUCTION

In order to foster the cooperation among member states, the MENA ARCM Committee assigned a dedicated team composed of state representatives from all Member States.

This presentation, in continuation of MENA ARCM/2-PPT/1, intends to highlight the objective, roadmap, key deliverables, and findings of the taskforce committee consisted of State Representatives



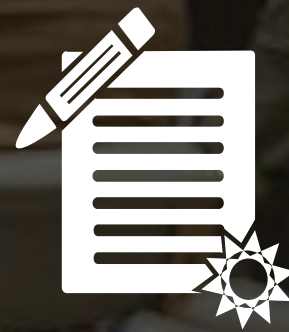
Objective of Shared Database

Develop MENA ARCM Database through defining available resources and capabilities, In order to foster the cooperation among MENA ARCM member states



Key Deliverables

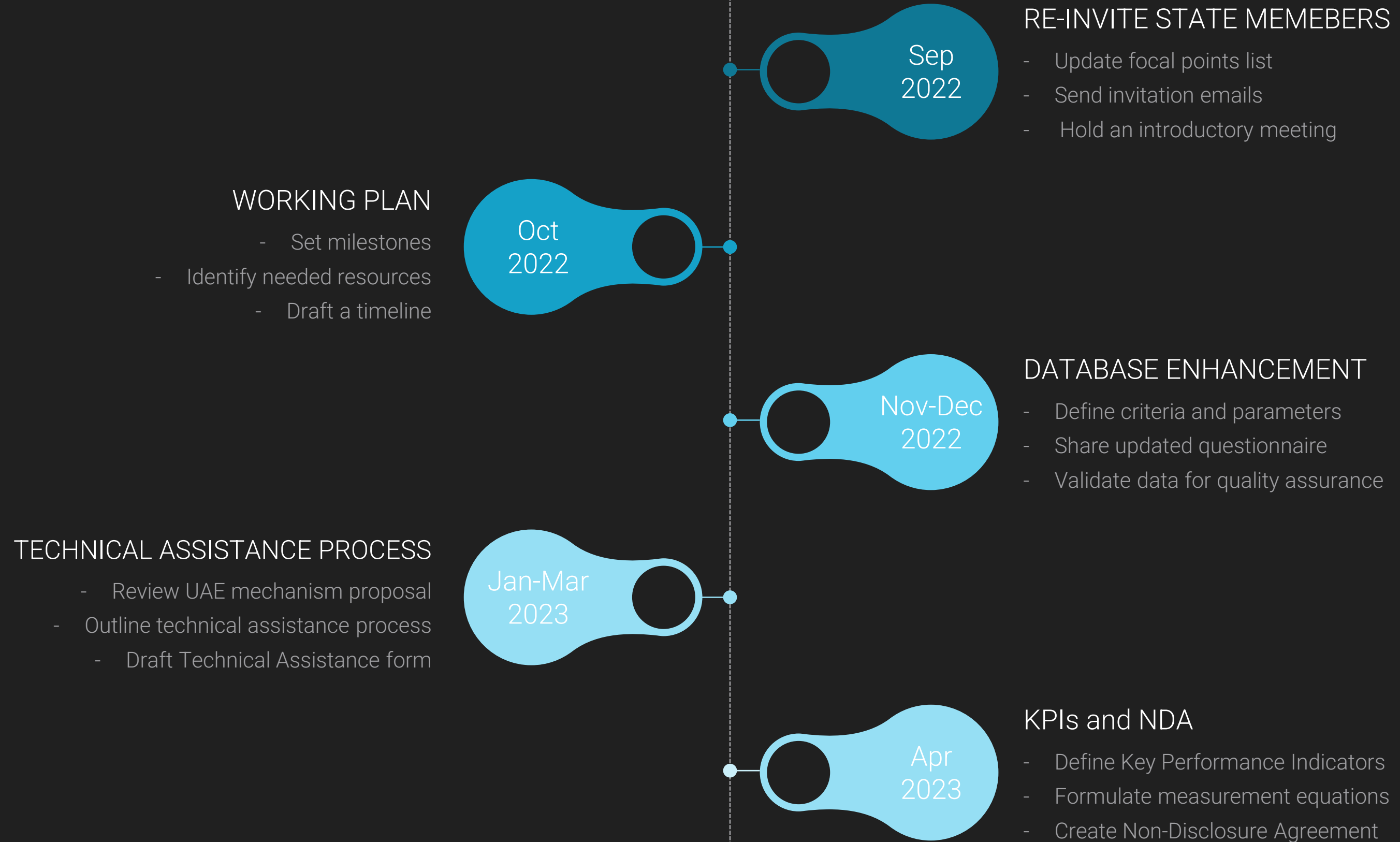
- Presented Database Questionnaire (Excel)
- Introduced areas and subareas of cooperation
- Summarized human resources and technical capabilities of Member States
- Recommended to launch an online platform for database and technical assistance management



Action Items

- Re-invite State Members to join the taskforce
- Define Database Parameters
- Develop Technical Assistance Process
- Initiate Technical Assistance KPIs and NDA

TIMELINE



HIGHLIGHTS



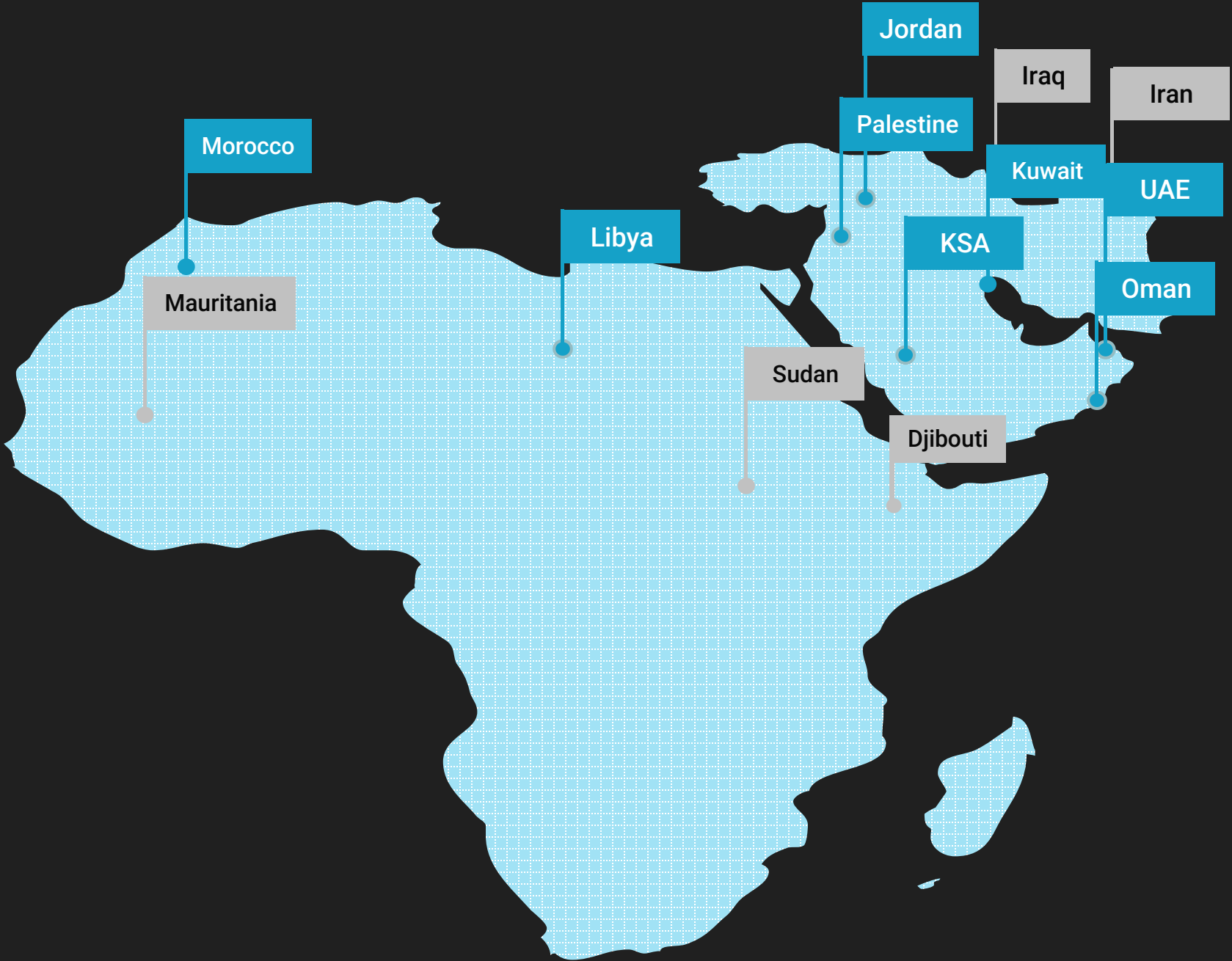
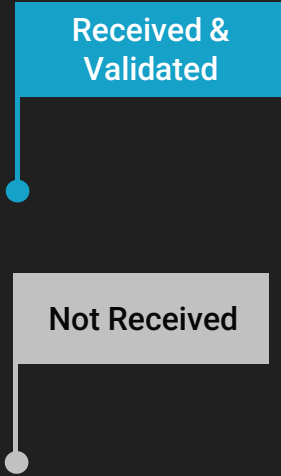
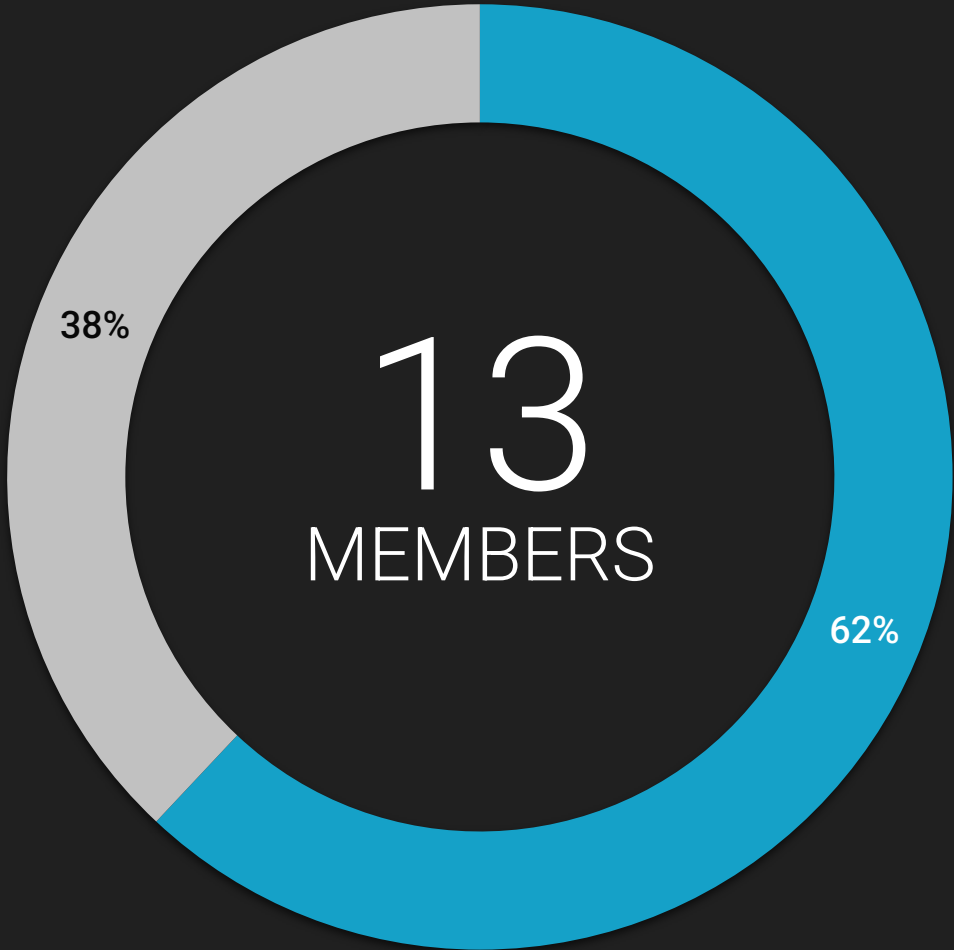
DATABASE

ENHANCEMENT

EMHAMCEMENT PHASES



HIGHLIGHTS

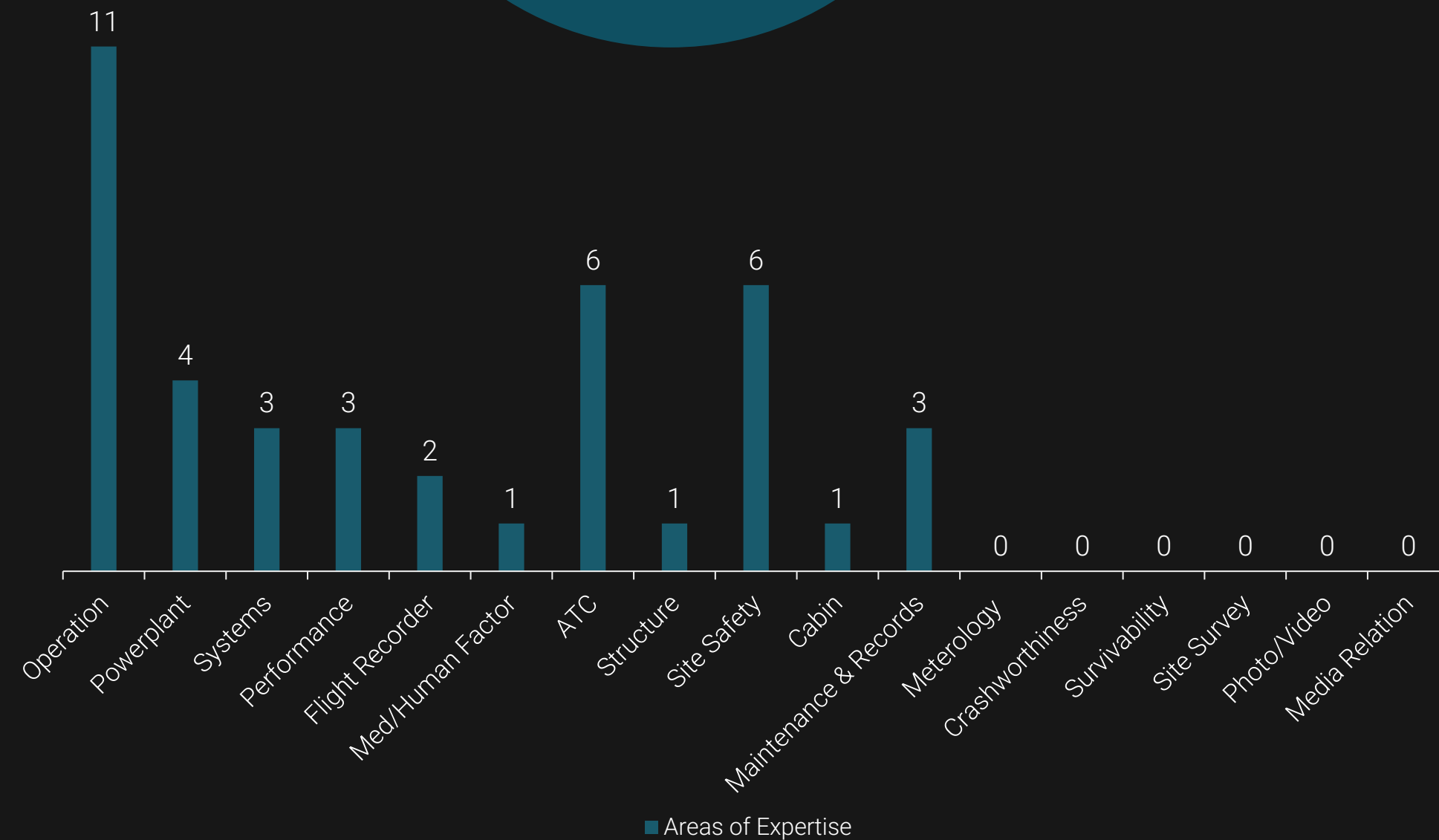
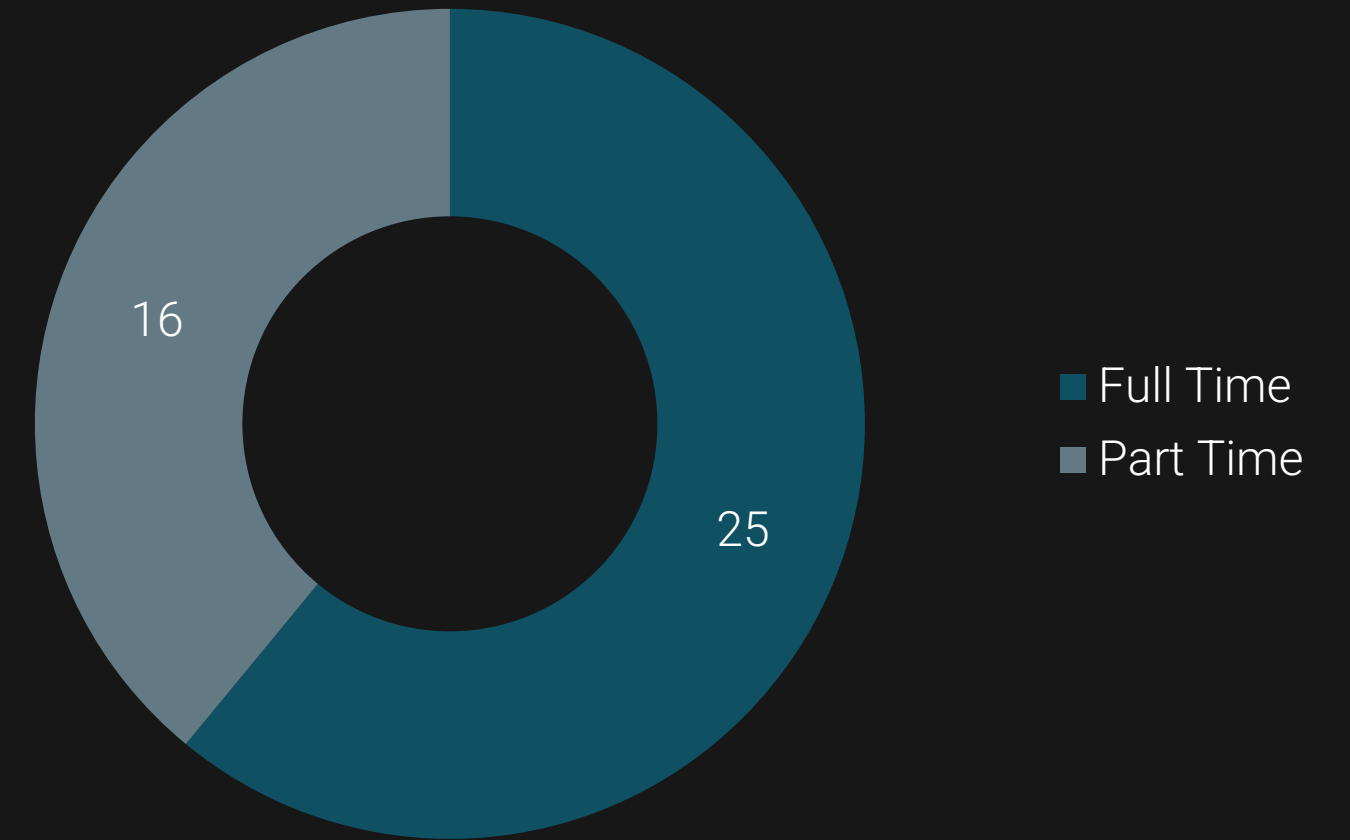
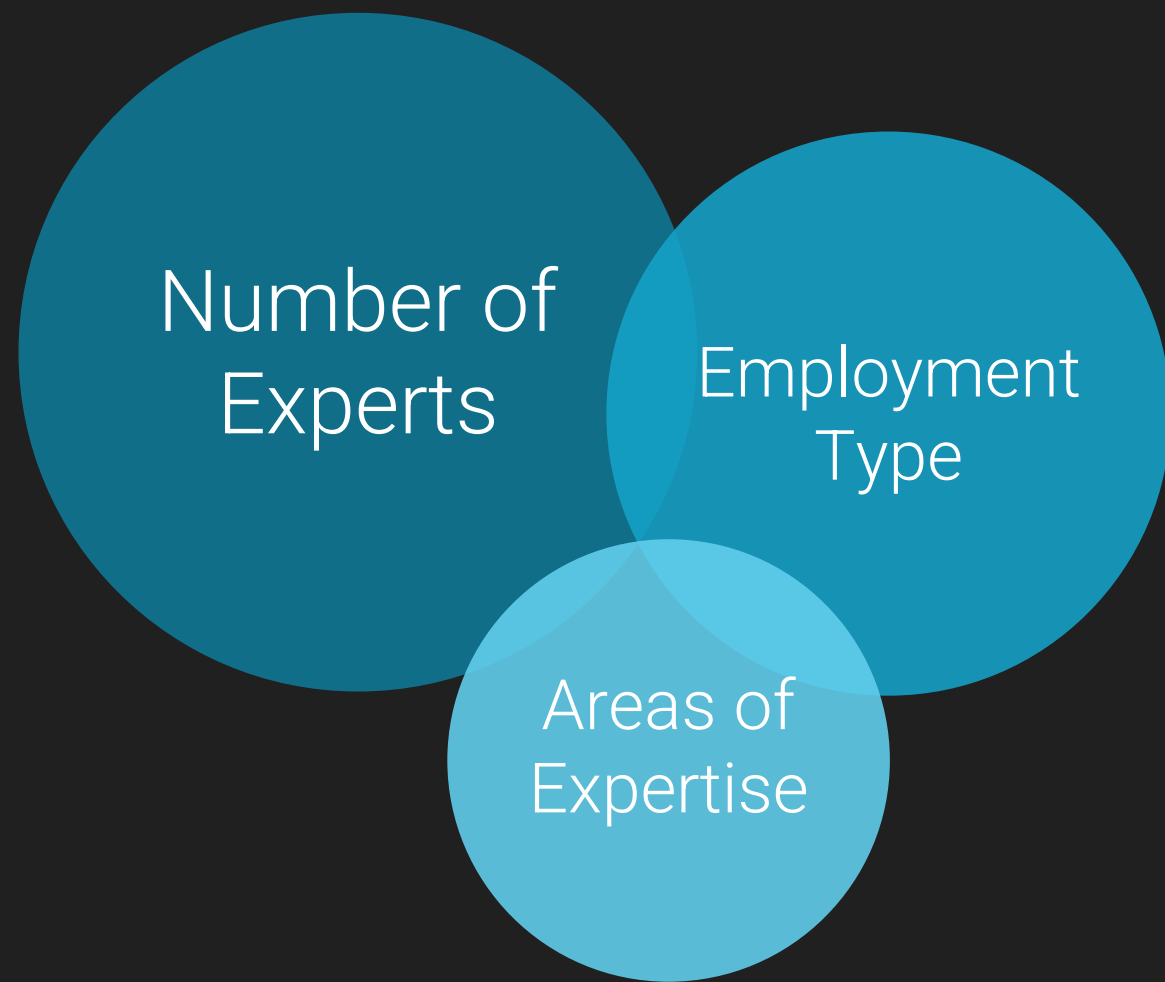


AREAS OF COOPERATION



1. Investigation Experts

Any person who has a minimum of 5 years of experience in aviation investigation and required qualifications to lead/participate in aircraft accidents and incidents investigation

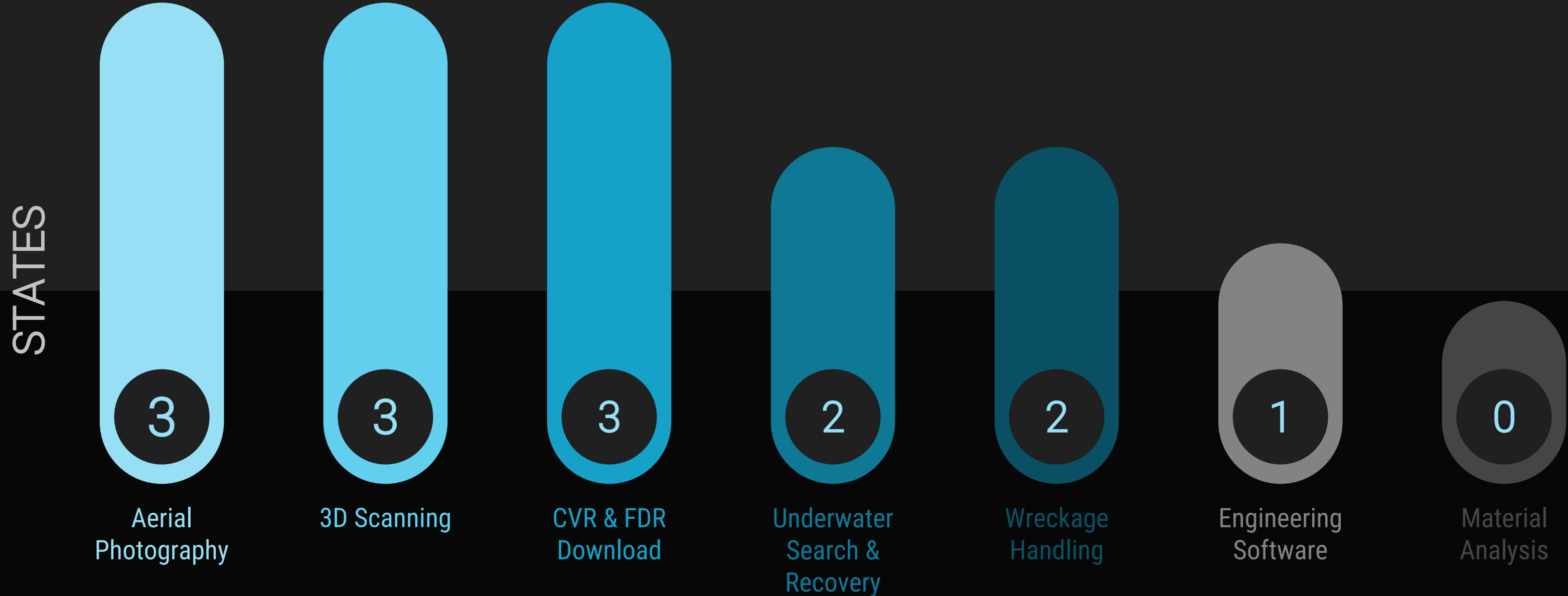


AREAS OF COOPERATION



2. Technical Capabilities

All software and hardware capabilities used to support investigations



AREAS OF COOPERATION



3. Investigation Reports

Details related to issuance and methods of Annex 13 investigation report writing

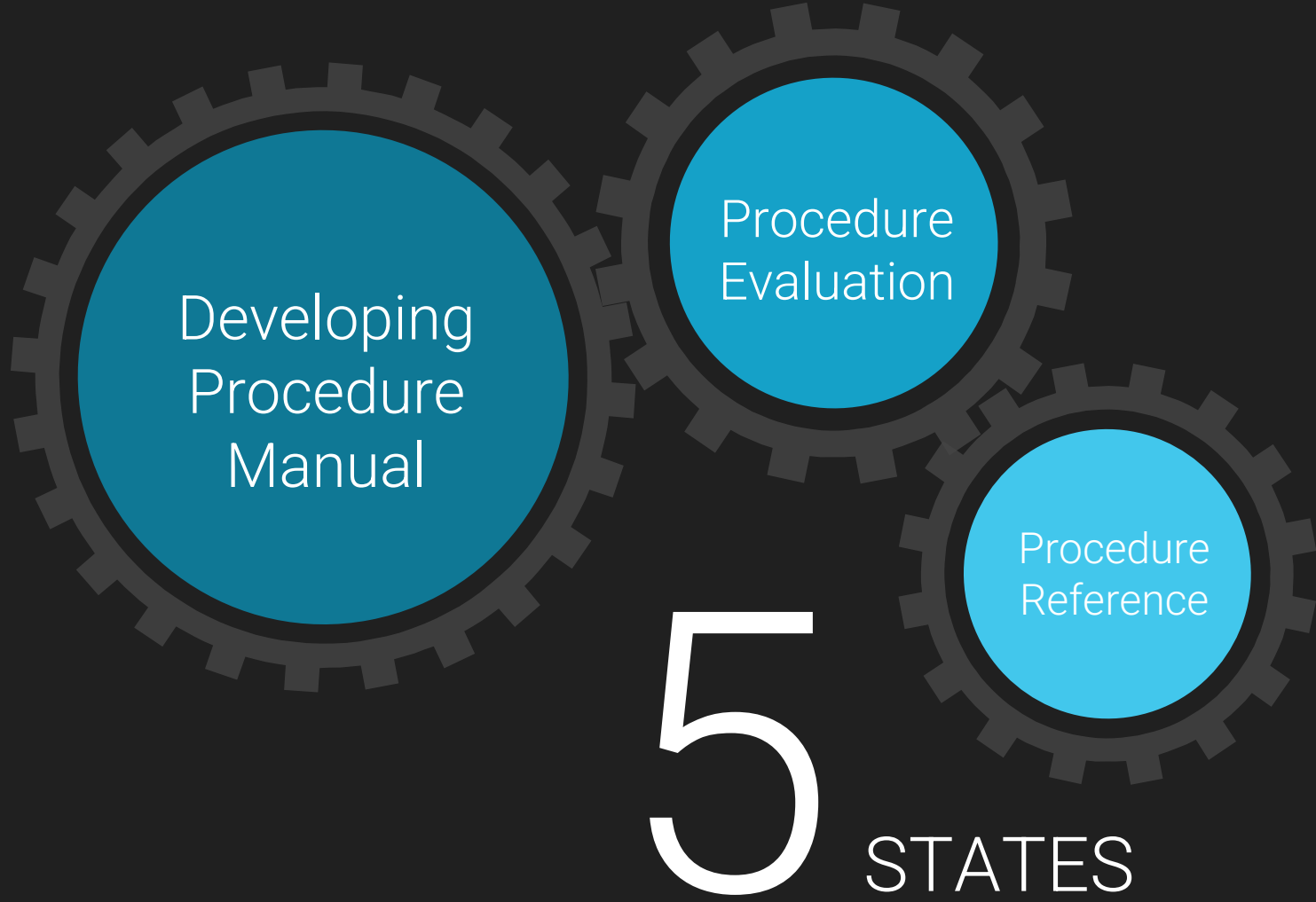


AREAS OF COOPERATION

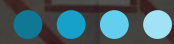


4. Process & Procedure Manuals

Documentations by which an investigation authority provides guidance for investigators to perform their functions correctly



AREAS OF COOPERATION



5. Training

Internal and external investigation training activities

3

States

Providing OJT

- Competency based Structure
- Annex 13 & ICAO Doc 9756
- AAIS Procedure
- Investigation Process
- FDR & CVR Download
- On-Site Investigation
- Site Safety
- On-Site Mapping

4

States

Annual Training Programs

- International Regulation
- Unmanned aircraft Systems
- Aircraft Accident Investigation
- Flight Data Analysis
- Safety Management System (SMS)
- Investigation Management
- Operation Investigation
- Legislation & International Agreements
- Engineering Investigation

8

States

Aircraft Crash Drills



3

Host



8

Participate

AREAS OF COOPERATION



6. Delegation/Assistance of Investigation

The ability to host or support other states to investigate



Examination Area



Wreckage Area



External Visitors

2 to 10 visitors

AREAS OF COOPERATION



7. Safety Recommendation

Records and practices of safety recommendations issued in Annex 13 investigation reports



Practices

Mechanism to issue recommendations



Promote safety recommendations



Follow-up procedure



Categories for safety recommendation





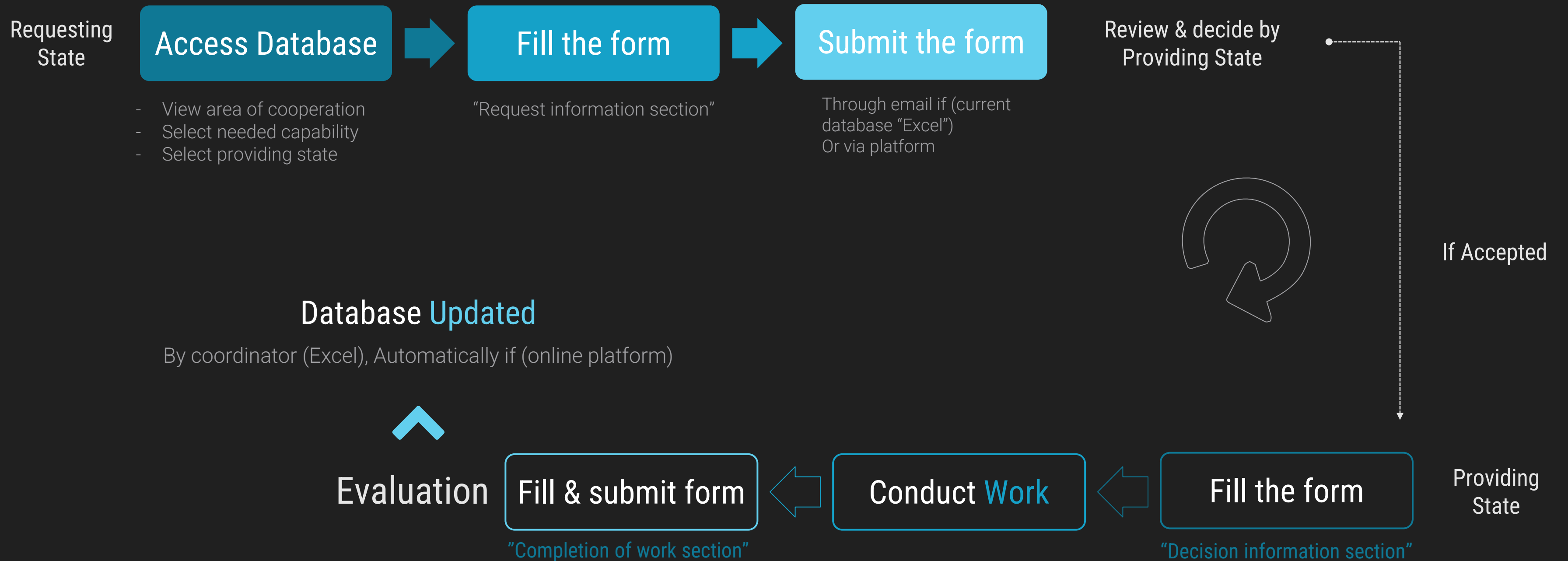
COFFEE TIME



TECHNICAL

ASSITANCE

TECHNICAL ASSISTANCE PROCESS



TECHNICAL ASSISTANCE PROCESS



Comparison Area	Excel	Online Platform
Number of steps	13	6
Parties Involved	3	2
Database Accessibility	Available all the time	- Available all the time - More Secure
Database Update	Manual (by Coordinator)	Automated
Automation	10%	73%
Points of interaction	6	2
Case Tracking	Manual	Automated

TECHNICAL ASSISTANCE FORM





Mandatory

For all types of technical assistance requests



Fill

By requesting state and providing state


Middle East and North Africa Aircraft Accident and Incident Investigation Regional Cooperation Mechanism (MENA ARCM)


Technical Assistance Request Form

1) Request Information (Requesting State)

Contact Information:

Requesting State:	Requesting Organization:	Date of Request:
State Representative's Name:	State Representative's Title:	State Representative's Email:

Description of Request:

Area(s) of Cooperation:

<input type="checkbox"/> Investigation Experts	<input type="checkbox"/> Technical Capabilities	<input type="checkbox"/> Investigation Reports	<input type="checkbox"/> Process & Procedure Manuals	<input type="checkbox"/> Training	<input type="checkbox"/> Delegation/Assistance of Investigation	<input type="checkbox"/> Safety Recommendations
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Brief of Occurrence:	Brief of Assistance Needed:	Providing State:	Target Date & Location:
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2) Decision Information (Providing State)

Contact Information:

Providing State:	Providing Organization:	Date of Response:
State Representative's Name:	State Representative's Title:	State Representative's Email:

Decision:

Status:	Technical Justification:	Signature:
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved		

If Approved:

Define Expected Deliverables:	Method of Delivery:	Assistance Date & Location:
Technical Assistant-in-Charge Name:	Technical Assistant-in-Charge Title:	Technical Assistant-in-Charge Email:



If Not Approved:

Justification of Rejection:	Recommended Alternative (if applicable):
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3) Completion of Work (Providing State & Coordinator)

Description of Work Done

Brief of Accomplished Deliverables:	Actual Start & End Dates of Request:	Providing State Representative's Signature:	MENA ARCM Coordinator's Signature:
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Control

Used for documentation and tracking purposes



Complete

Signed, controlled and evaluated by coordinator

TECHNICAL ASSISTANCE FORM



ICAO MID

Middle East and North Africa Aircraft Accident and Incident Investigation Regional Cooperation Mechanism (MENA ARCM)



ICAO MID

Technical Assistance Request Form

1) Request Information (Requesting State)

Contact Information:			
Requesting State:	Requesting Organization:	Date of Request:	
State Representative's Name:	State Representative's Title:	State Representative's Email:	
Description of Request:			
Area(s) of Cooperation:			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Investigation Experts	Technical Capabilities	Investigation Reports	Process & Procedure Manuals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Training	Delegation/Assistance of Investigation	Safety Recommendations	
Brief of Occurrence:	Brief of Assistance Needed:	Providing State:	Target Date & Location:

“Requesting State” Section

- Include 2 sub-sections:
 - o Contact information
 - o Description of request
- To be filled by requester
- To be sent to providing state focal point

TECHNICAL ASSISTANCE FORM



2) Decision Information (Providing State)

Contact Information:		
Providing State:	Providing Organization:	Date of Response:
State Representative's Name:	State Representative's Title:	State Representative's Email:
Decision:		
Status:	Technical Justification:	Signature:
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved		
If Approved:		
Define Expected Deliverables:	Method of Delivery:	Assistance Date & Location:
Technical Assistant-in-Charge Name:	Technical Assistant-in-Charge Title:	Technical Assistant-in-Charge Email:
If Not Approved:		
Justification of Rejection:	Recommended Alternative (if applicable):	

“Providing State” Section

- Include 4 sub-sections:
 - o Contact information
 - o Decision
 - o In case of acceptance
 - o In case of rejection
- To be filled by Provider
- To be sent to requester (& focal point)

TECHNICAL ASSISTANCE FORM



3) Completion of Work (Providing State & Coordinator)

Description of Work Done			
Brief of Accomplished Deliverables:	Actual Start & End Dates of Request:	Providing State Representative's Signature:	MENA ARCM Coordinator's Signature:

“Completion of work” Section

- Include 1 sub-section:
 - o Description of work done
- To be filled by Provider
- Send to requester
- Send to coordinator for database updating purposes



Get holistic view of the performance and show where we exactly stand with respect to our targets

KEY PERFORMANCE INDICATOR

KPIs



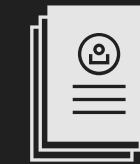
Number of Annual Requests

Number of initiated requests with submitted forms by all States



Percentage of Accepted Requests

Percentage of accepted requests to total number of all requests



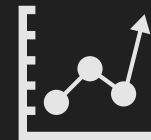
Percentage of Accomplished Requests

Percentage of accomplished requests to accepted requests



Avg. Duration of Response

Average time from submitting the form by requesting States to the time at which the providing States respond (acceptance/rejection)



Cycle Time of Request

Time from submitting the form by the requesting States to the time of delivering the request by the providing States



Avg. Duration of Delivery

The average time from accepting the request by the providing States to the time of delivering the requests



Satisfaction level

Measure the satisfaction level of the States receiving technical assistances (based on the service satisfaction questionnaire)

NON-DISCLOSURE AGREEMENT



Protect shared and sensitive information within MENA ARCM members, and ensure that obtained data shouldn't be made available to any non-MENA ARACM members without prior written consent.



Definition of Confidential Information

Shall collectively refer to all non-public information or material disclosed or provided by one State to the other



Restriction on Disclosure & Use

- Any assistance or data including capabilities
- States shall take all actions to ensure information remain confidential



Exclusion from Confidential Information

- Information publicly known
- Written approval

POINTS OF DISCUSSION



- MENA ARACM IDENTITY
- Online Platform

Recommendations

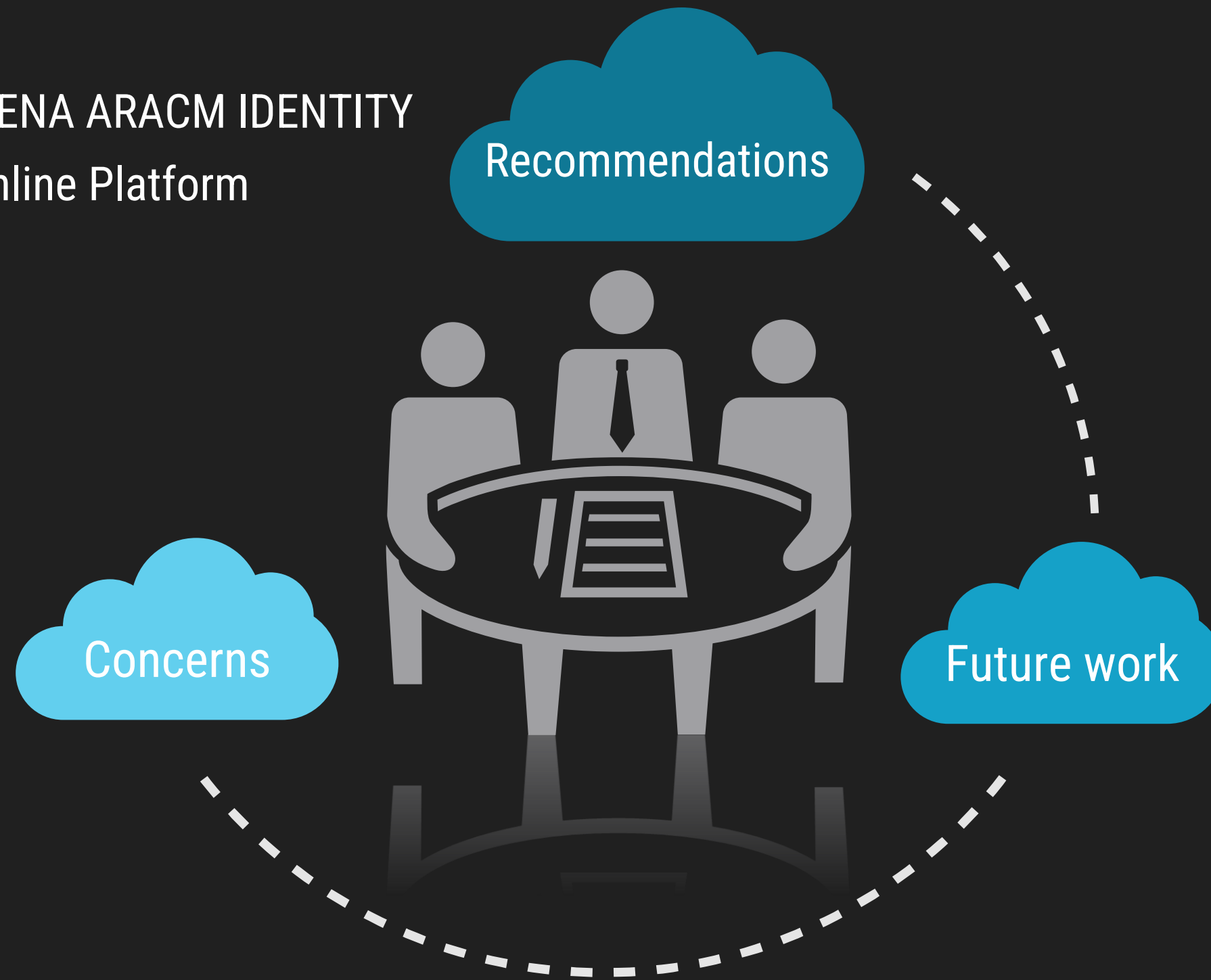


Concerns

- Financial Obligations
- Logistics

Future work

- Benchmark
- Action Plan



An aerial photograph of a city, likely Dubai, featuring a large, ornate golden frame in the center. The frame has intricate Islamic geometric patterns. The text "THANK YOU" is written in a bold, light blue, sans-serif font across the middle of the frame. The background shows a mix of modern skyscrapers, green parks with palm trees, and a highway with traffic. The sky is a deep, dark blue, suggesting dusk or dawn.

THANK YOU