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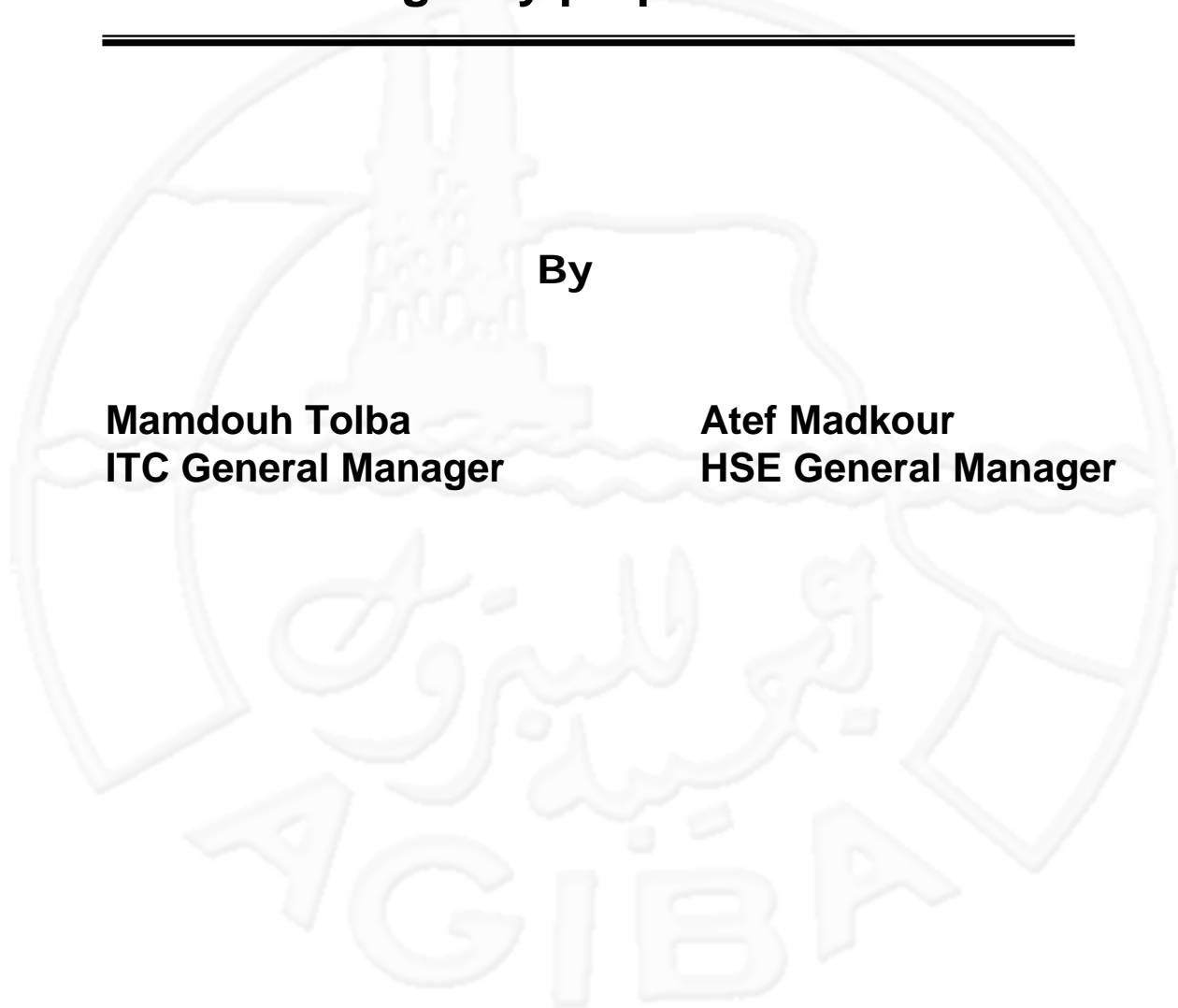


AGIBA Disaster Early Warning And Emergency preparedness

By

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ITC General Manager

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HSE General Manager





AGIBA Petroleum Company
IS One Of The Exploration
Production Company In EGYPT
Working In The Gulf of SUEZ
And western Desert.



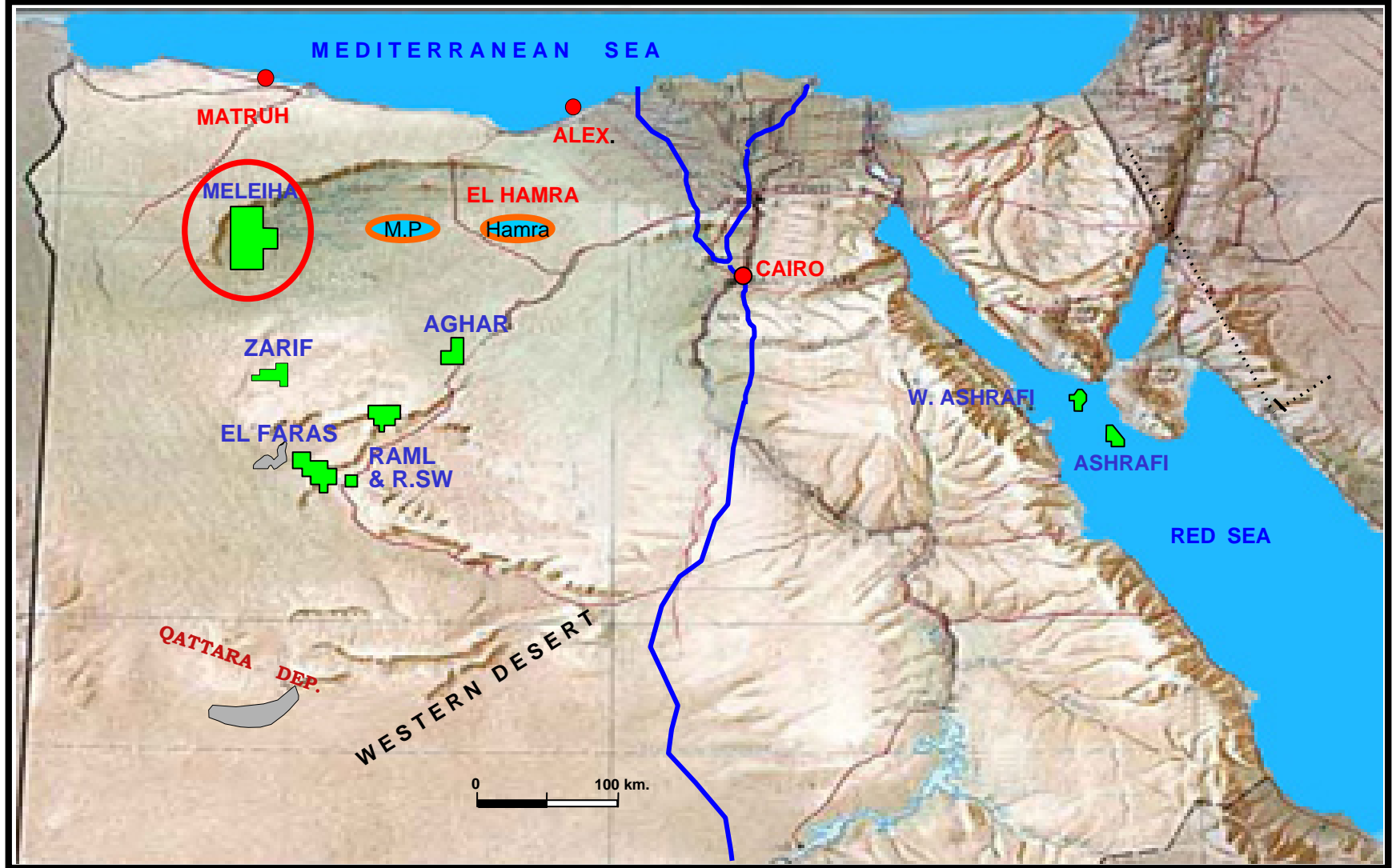


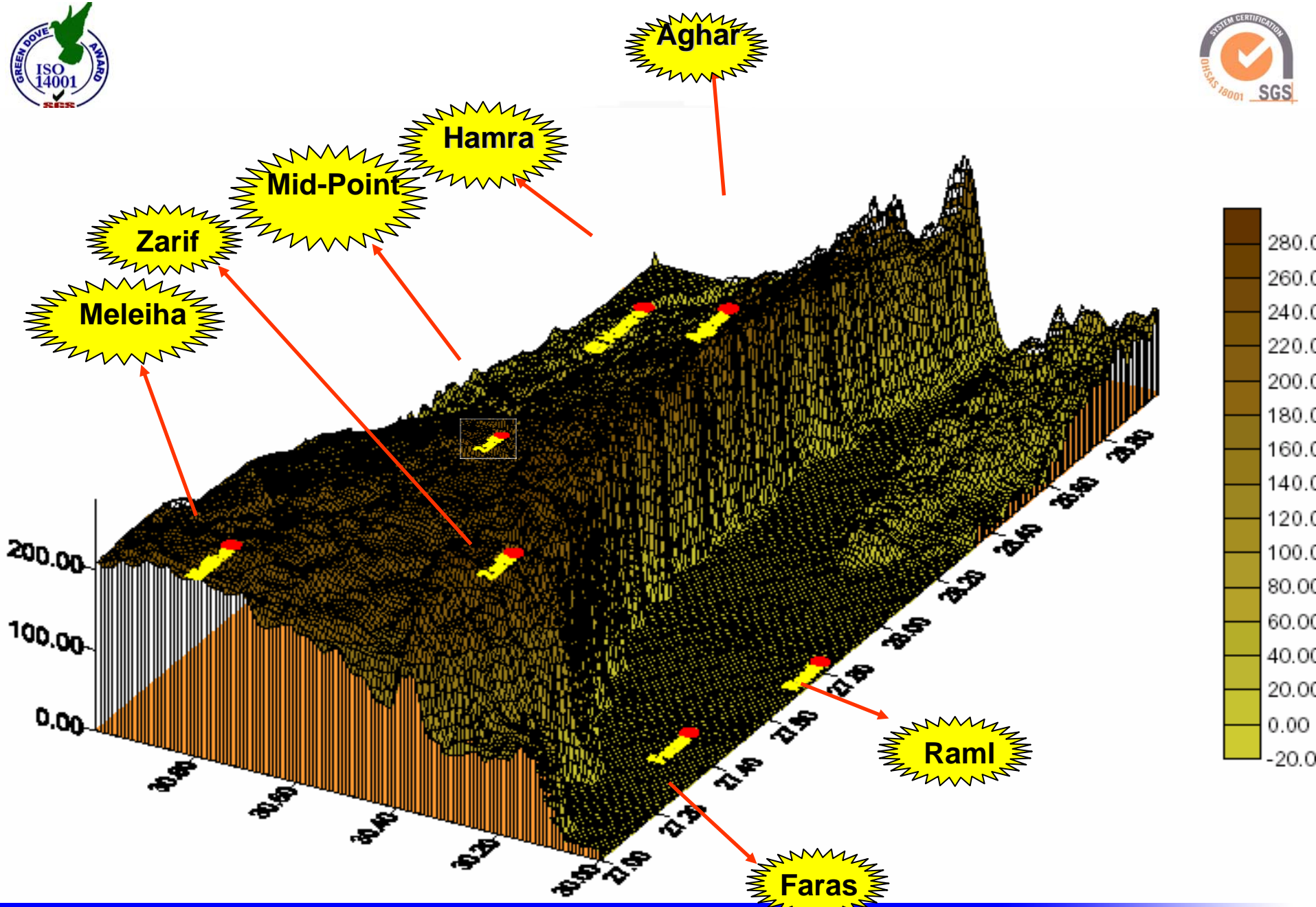
- **AGIBA Management Is Considering ITC An Integral Part Of The Business and Performance Enabler Tool For All Company Activities.**
- **The **STAFF** In AGIBA Is An Asset , Treasure Where We Have To Take Care About.**
- **The **DATA** Is another Asset Where it's Value Exceed The Value Of Oil Barrels.**
- **Saving Life Of The Man Working In An Difficult Environment Is One Of The Major Objectives Of ITC In AGIBA.**
- **AGIBA Management Are Completely Convinced That**

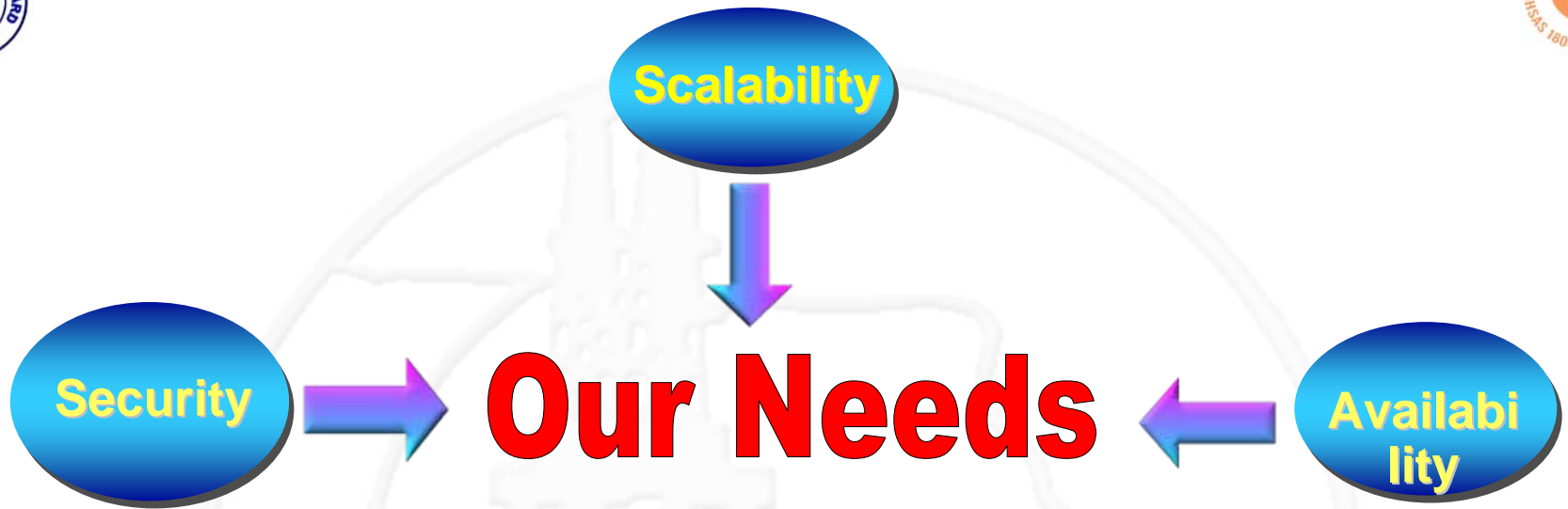
FASTER COMMUNICATION=LESS DISASTER.



AGIBA Development Leases







To Fulfil

- Faster Data And Voice Communication.
- Improving the Voice quality.
- Increasing both BW & number of Voice Channels



Solution Overview

- The solution consists of deploying Broadband Wireless Technology (BBW) in combination with Telecom Egypt Fiber Optic (FO) as well as the recently repaired Agiba FO cable linking Meleiha to El Hamra via Mid-Point.
- Upgrade the Local Area Networks in the various OL by introducing Cisco based IP Telephony and Wi-Fi technology, Video Conferencing.
- Provide high speed link (Wi-Max) to the Rigs operating in the vicinity of Meleiha, Aghar and Faras (18Mbps up to 30Km distance).
- The aggregated bandwidth within the Western Desert OL will be more than 48Mbps and 8Mbps to Cairo Head Quarter with 99,999% availability.





Phase one

Ashrafi concession

Phase two

Western desert operation locations





AGIBA ITC PROJECT



Phase one

Ashrafi concession



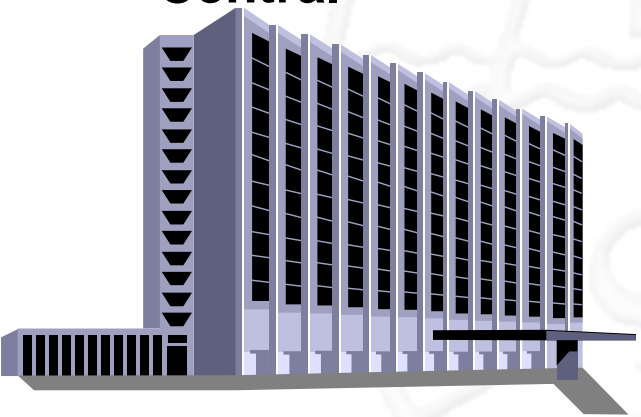


PHASE ONE

Fiber Optic Cable (F/O) between Nasr City Exchange and A.H.Q

Nasr City Central

AGIBA H.Q

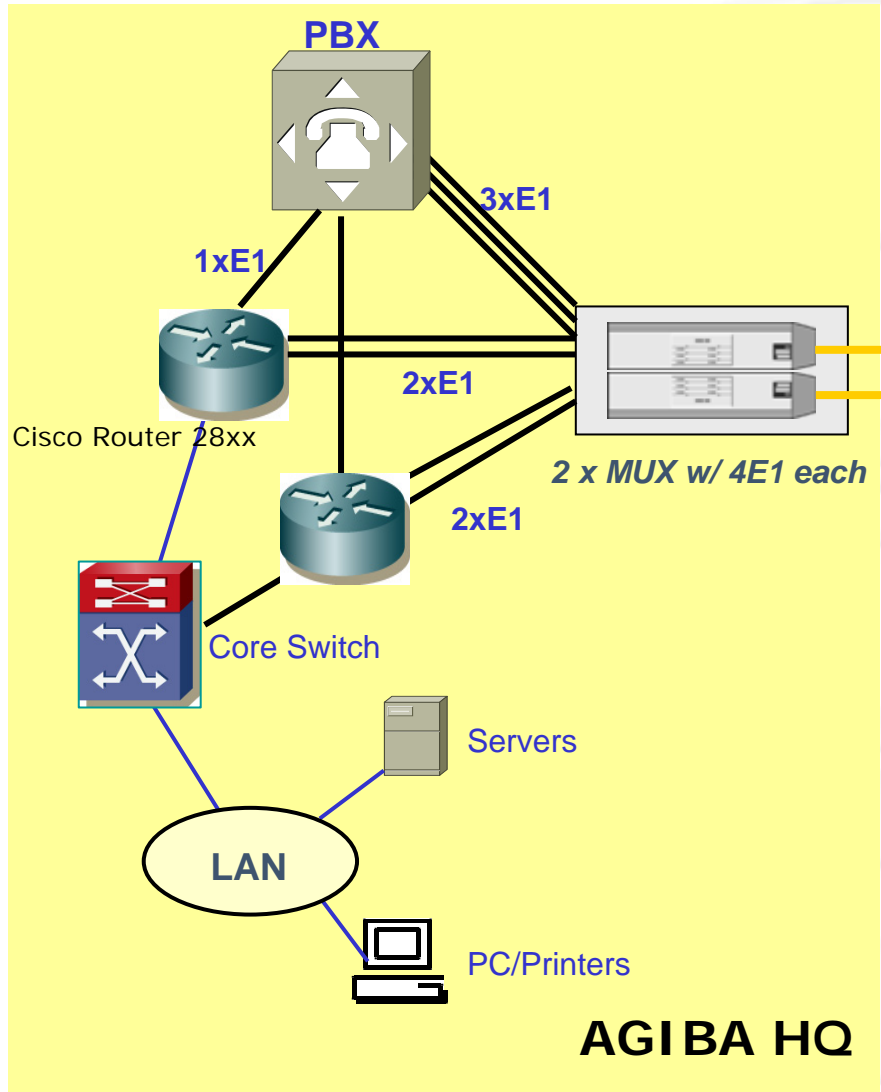


Fiber Optic Cable

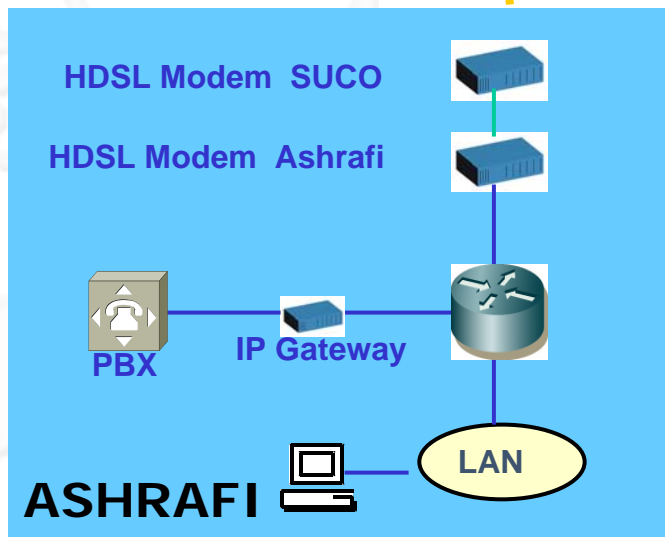
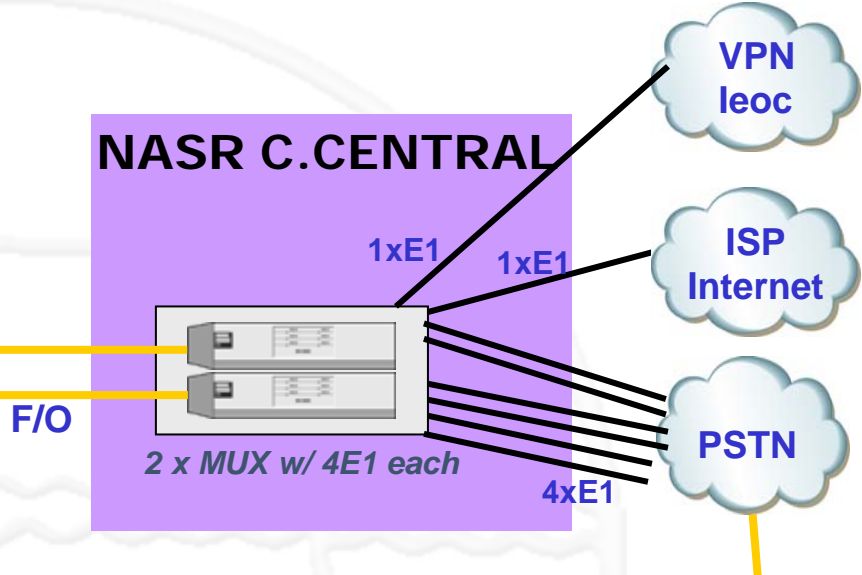




Phase one to improve the connection With Agiba H.Q



NASR C.CENTRAL





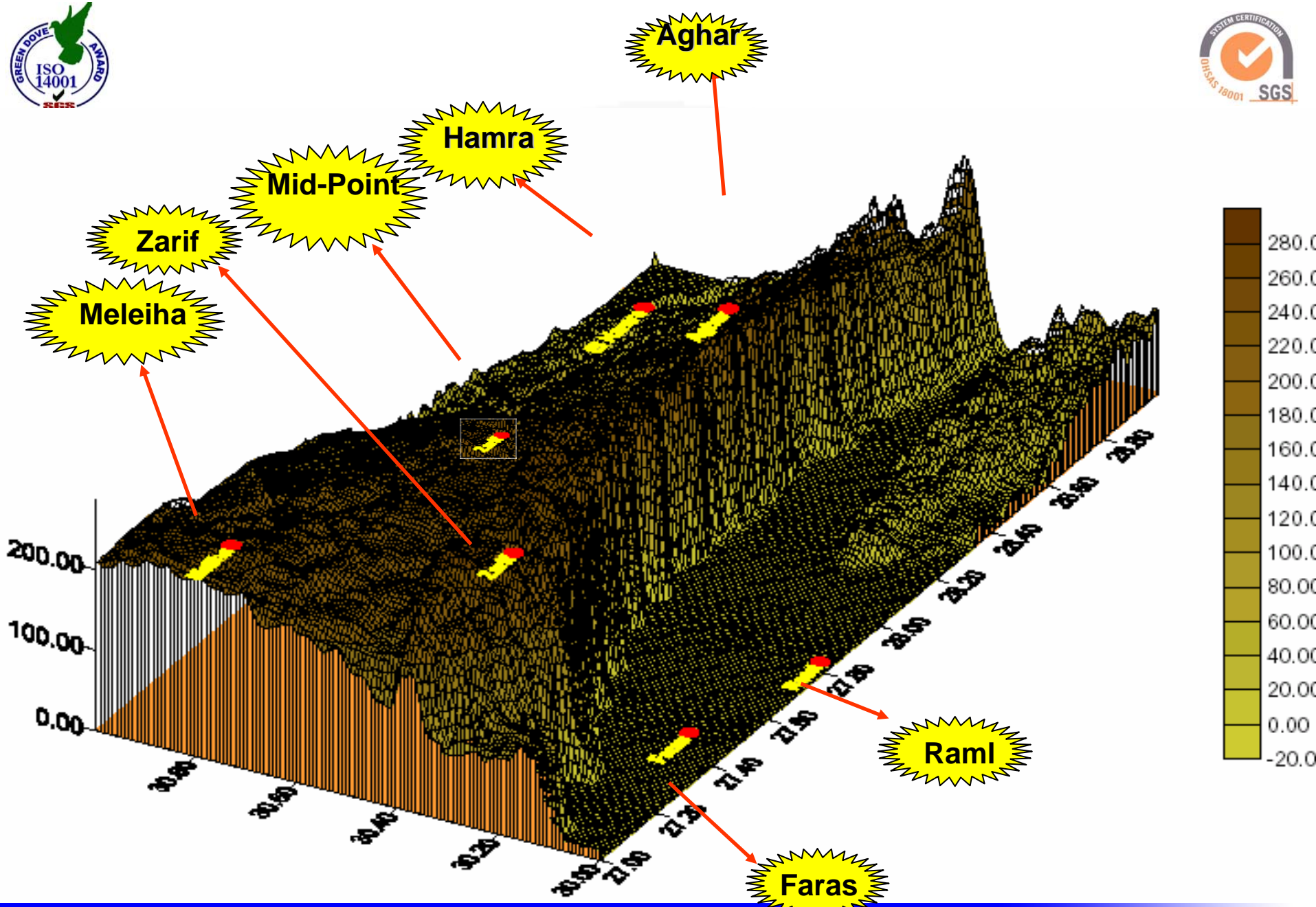
AGIBA ITC UPGRADE



Phase two

Western desert operation locations





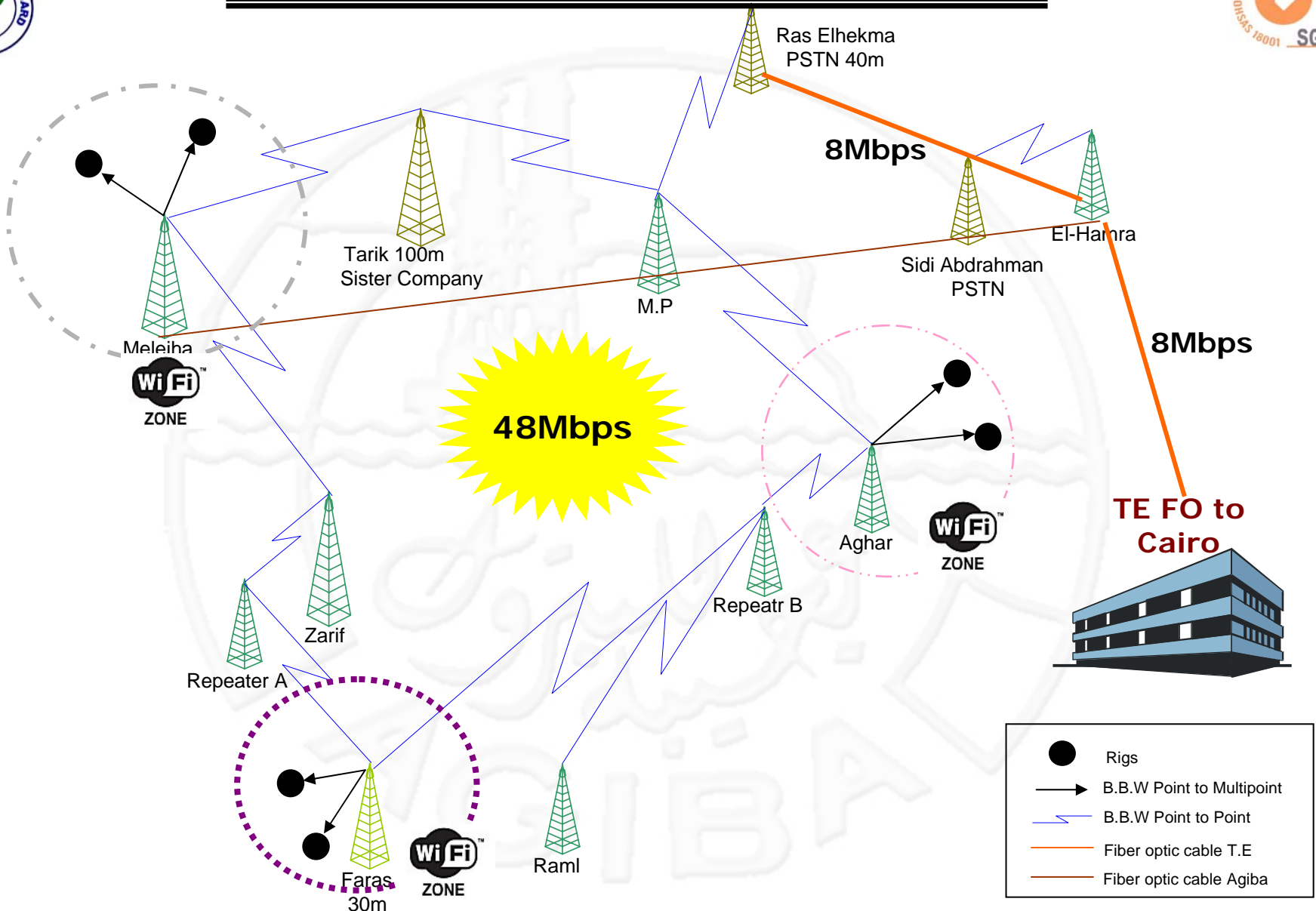


Agiba ITC PROJECT OVERVIEW





Agiba ITC PROJECT OVERVIEW





Emergency Preparedness and Response Planning





Purpose of Emergency Preparedness



To define responsibilities, organizational arrangement and procedures to be followed by personnel based in fields in the event of an emergency



Purpose of Emergency Preparedness

To develop and implement a management system which, when activated in any emergency situation will be able to restrict the consequential losses

And ...

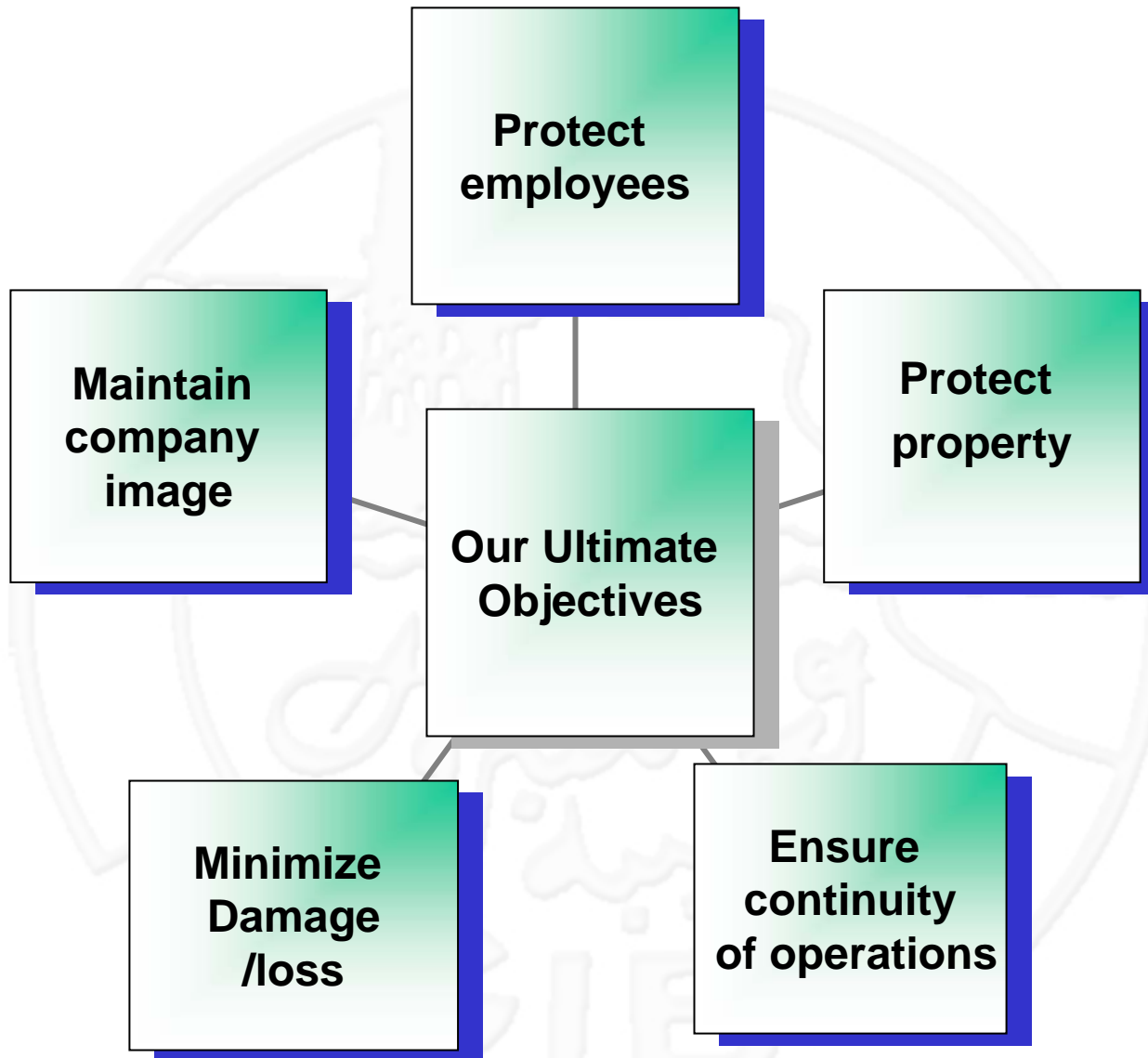


Purpose of Emergency Preparedness



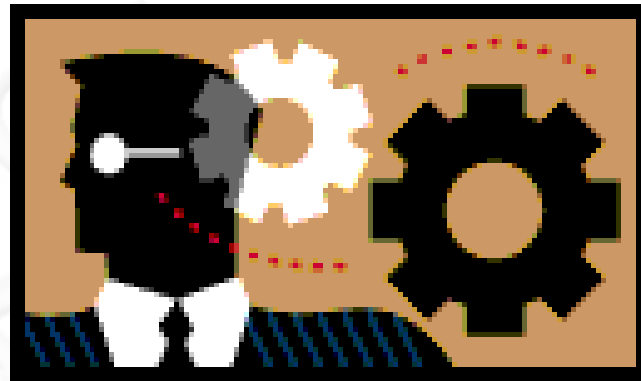
To return operations
back to normal ASAP

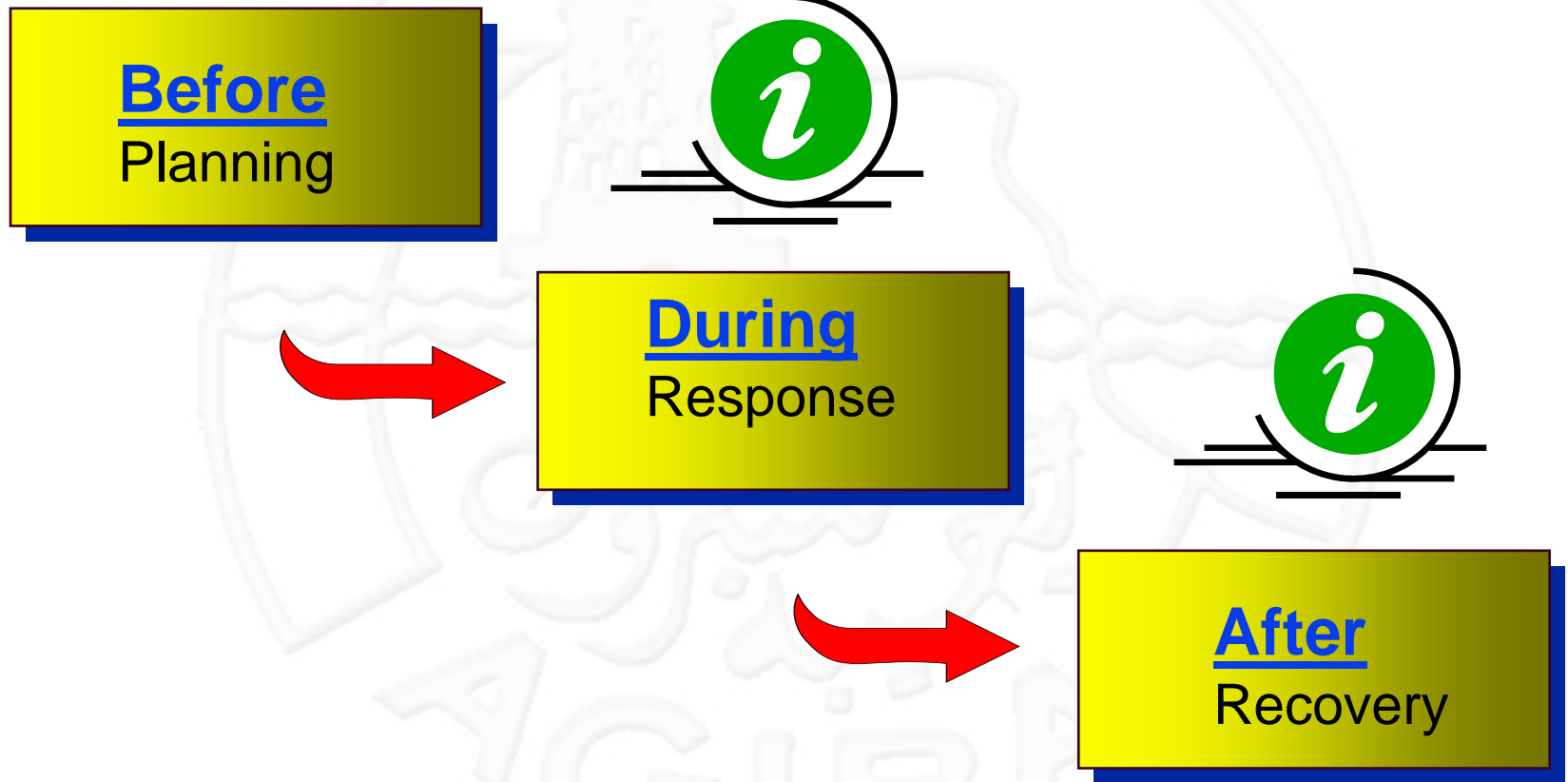






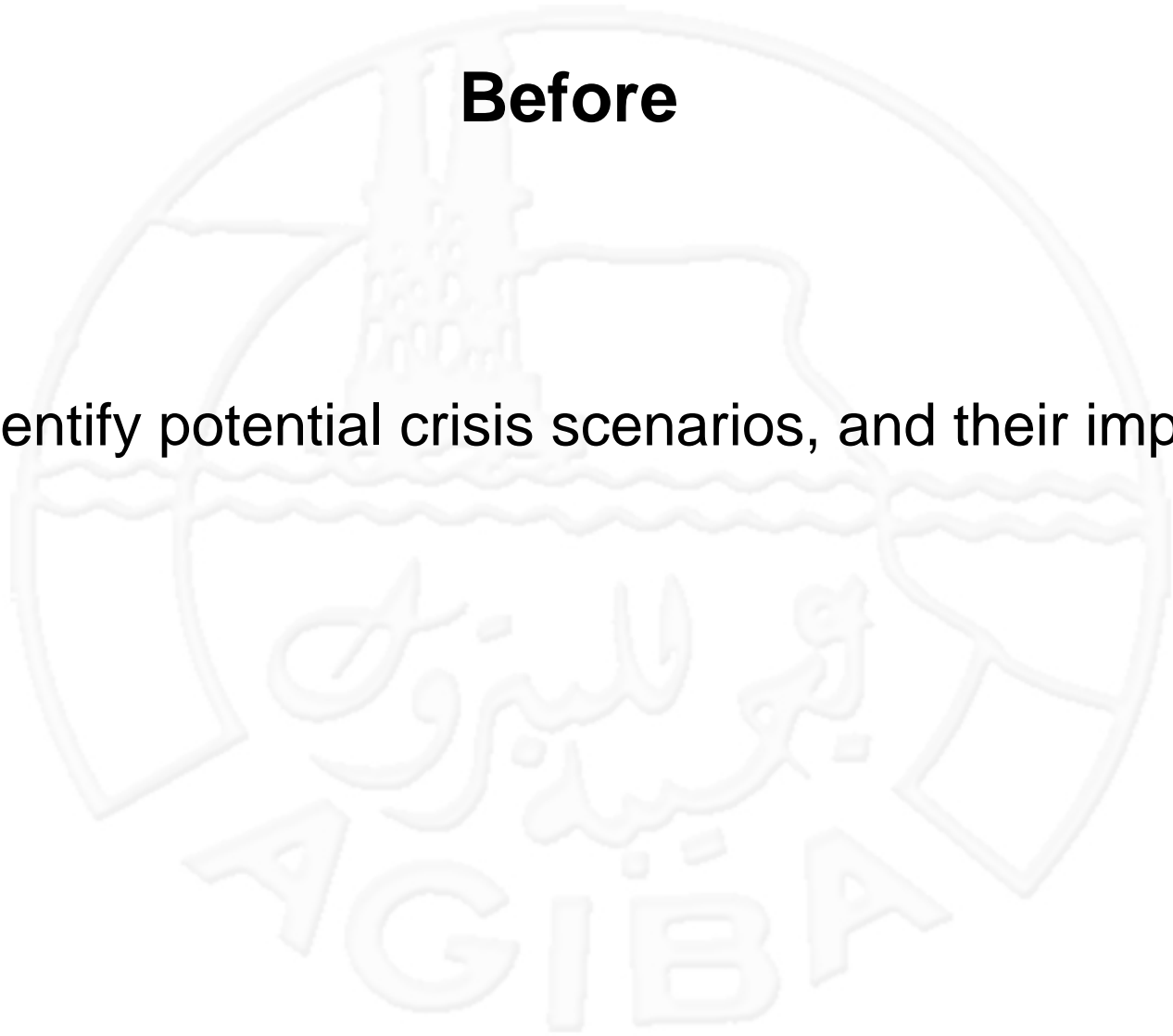
Stages in Emergency Planning





Before

- Identify potential crisis scenarios, and their impact



Before

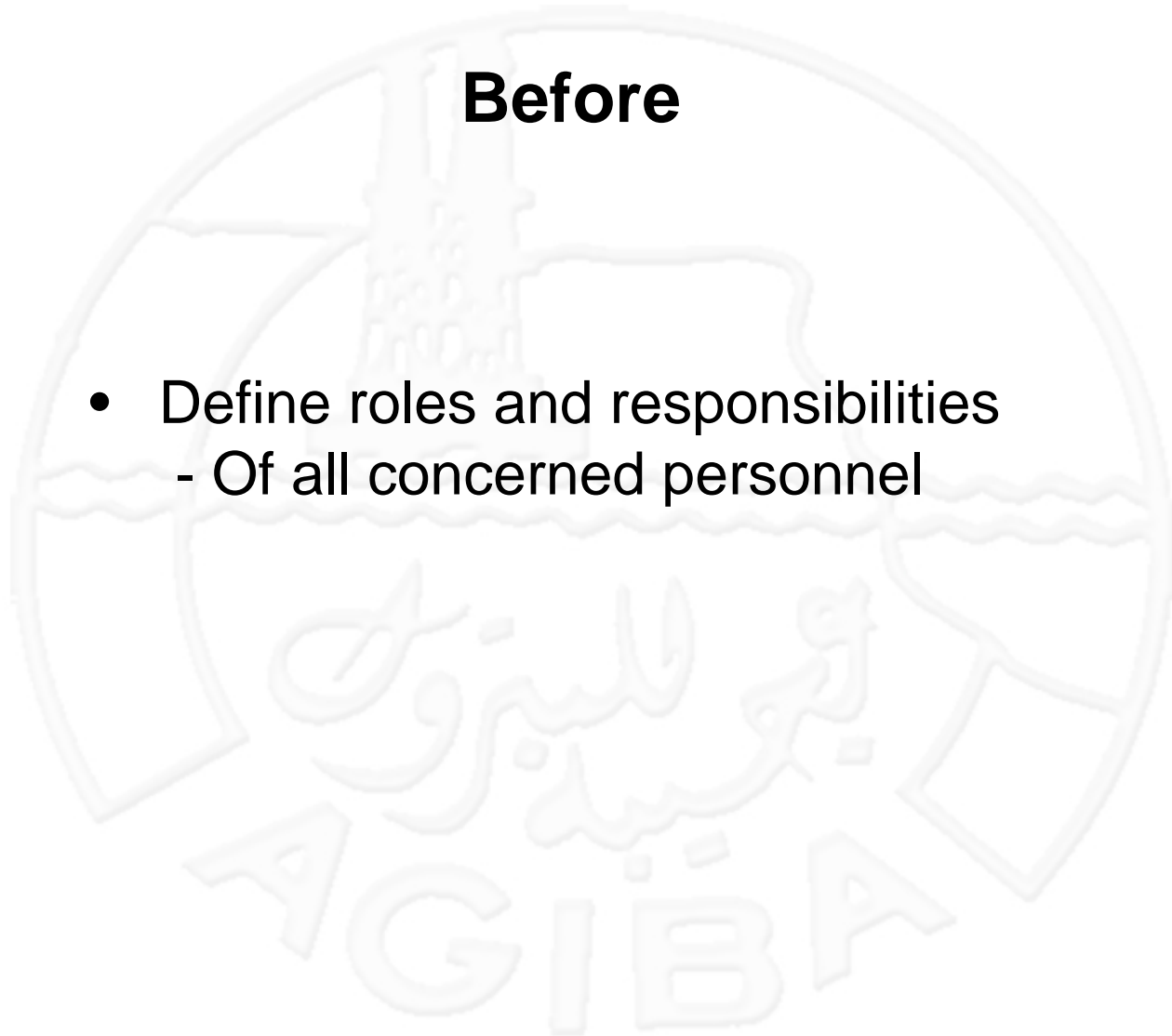
- Crisis scenarios may include:
 - fire
 - spill
 - explosion
 - blow-out

Before

- Identify all required resources
- Ensure availability when needed
- Resources include:
 - Manpower
 - Equipment
 - Outside assistance

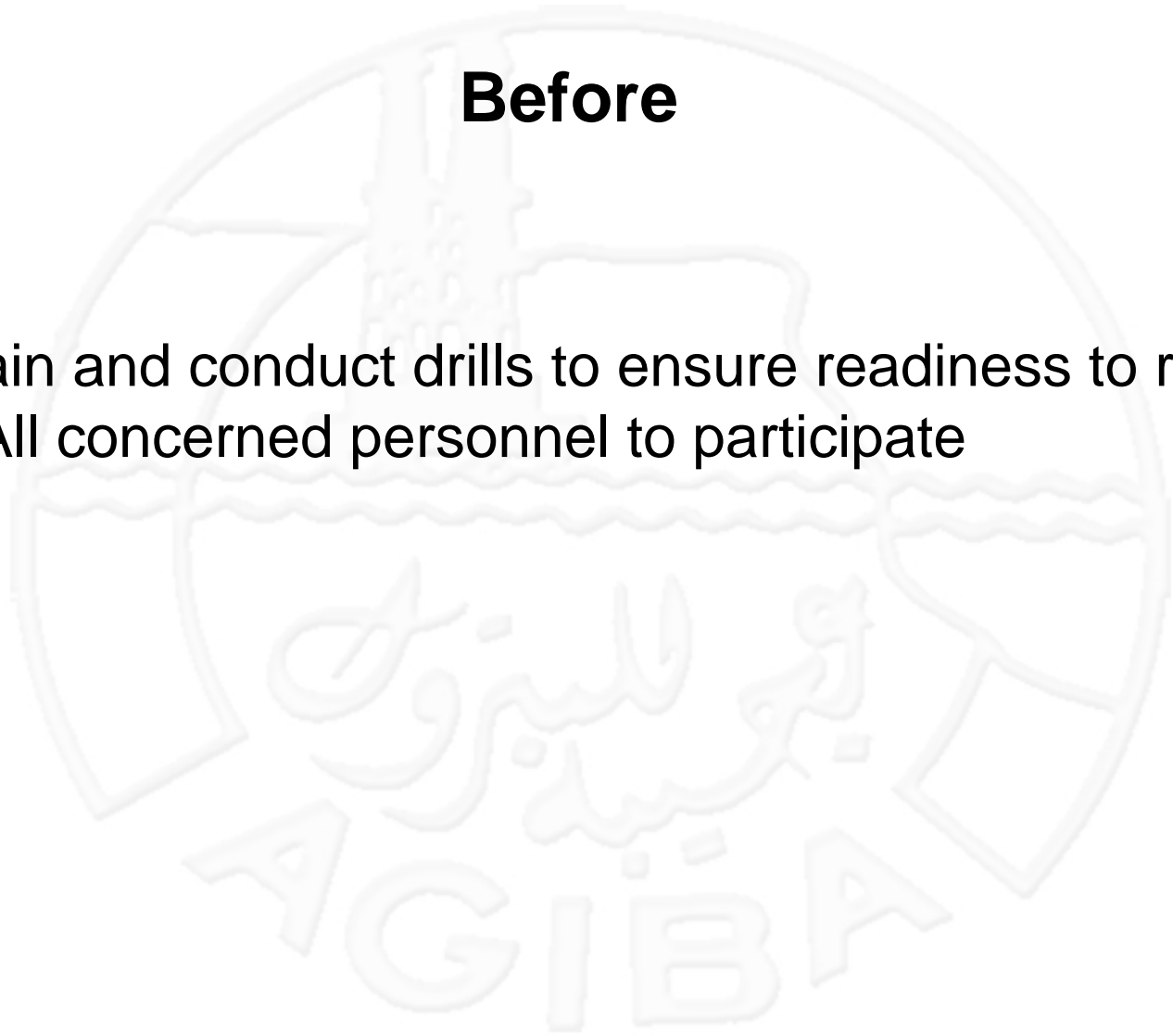
Before

- Define roles and responsibilities
 - Of all concerned personnel



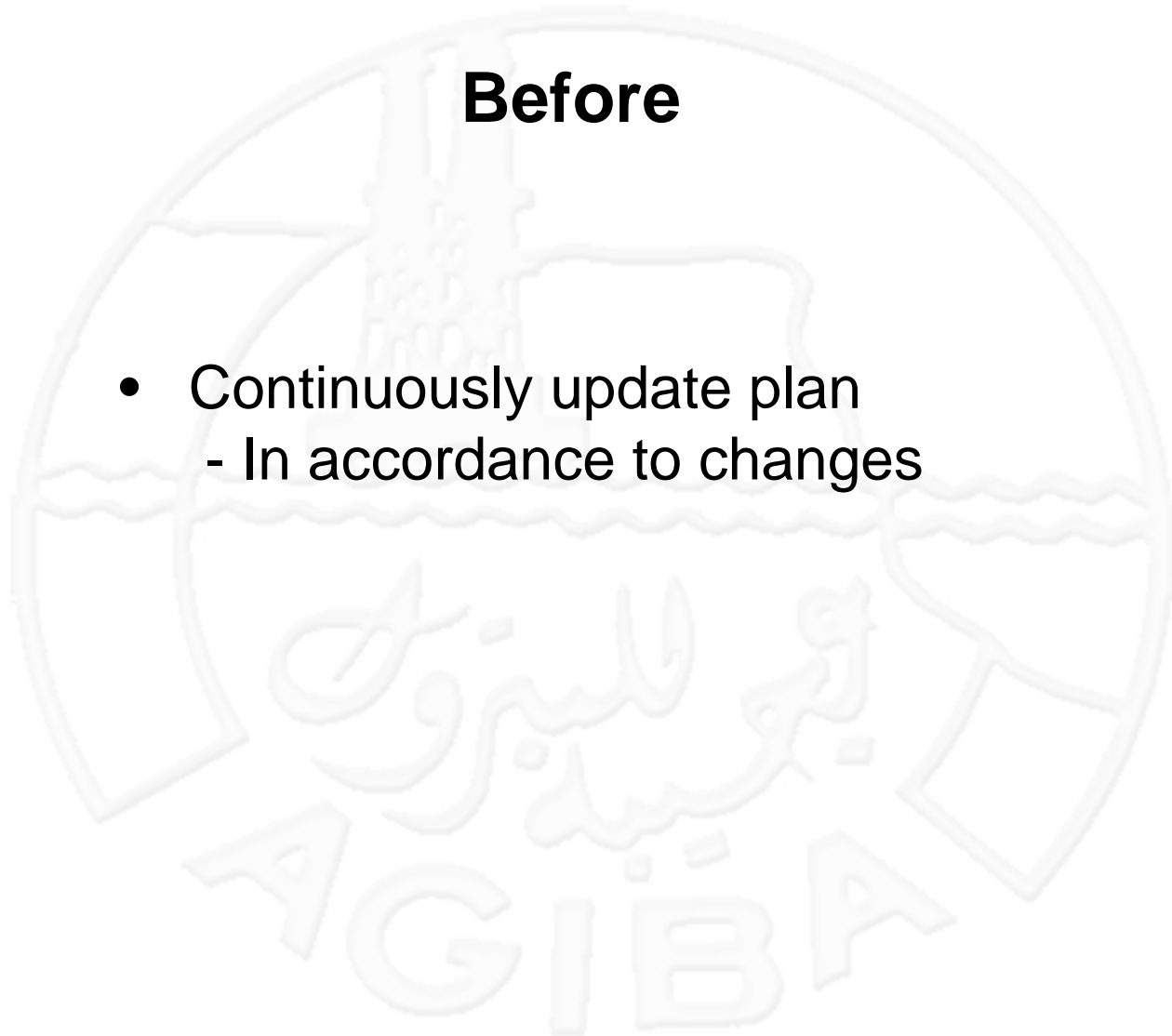
Before

- Train and conduct drills to ensure readiness to react
 - All concerned personnel to participate



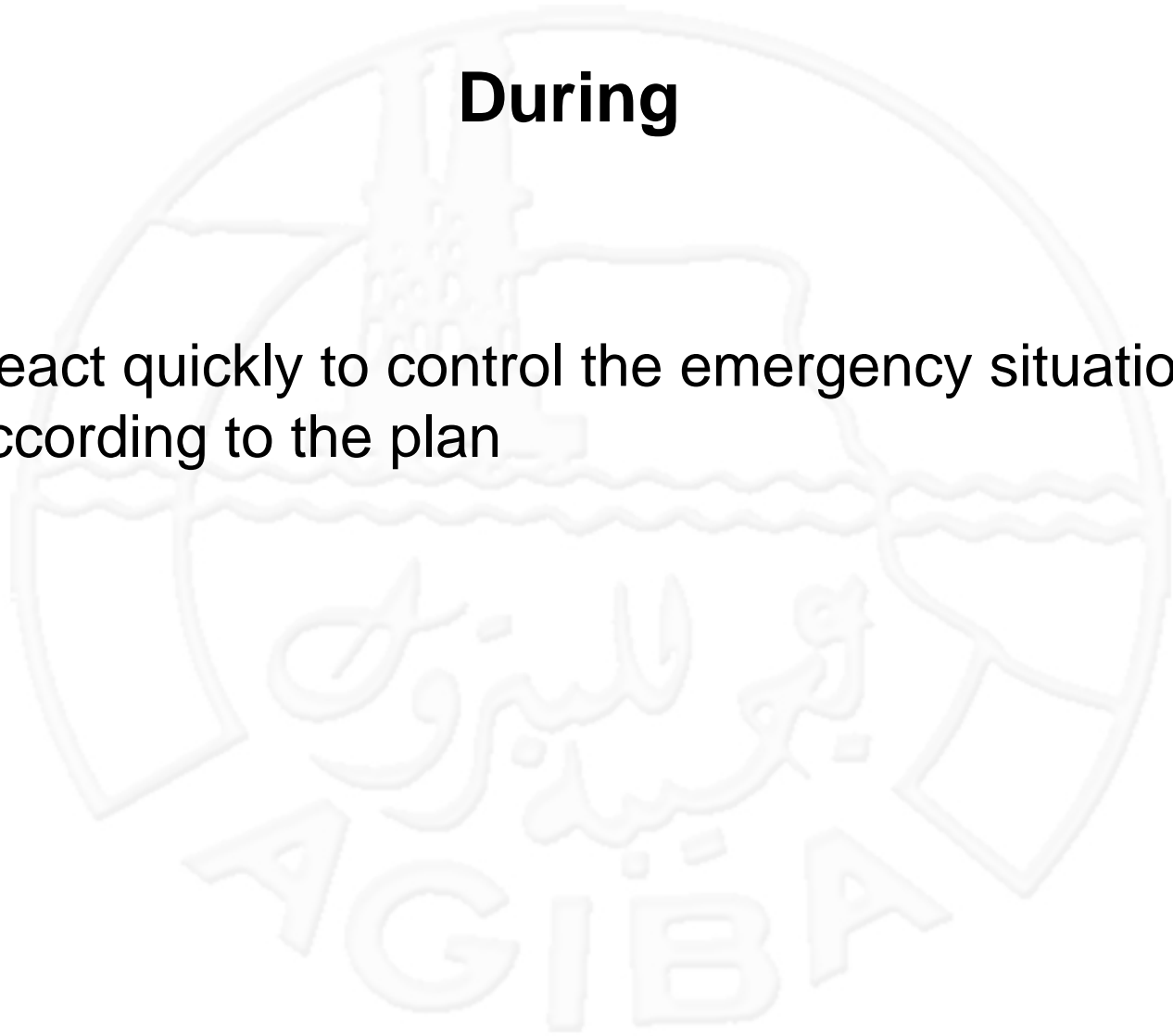
Before

- Continuously update plan
 - In accordance to changes



During

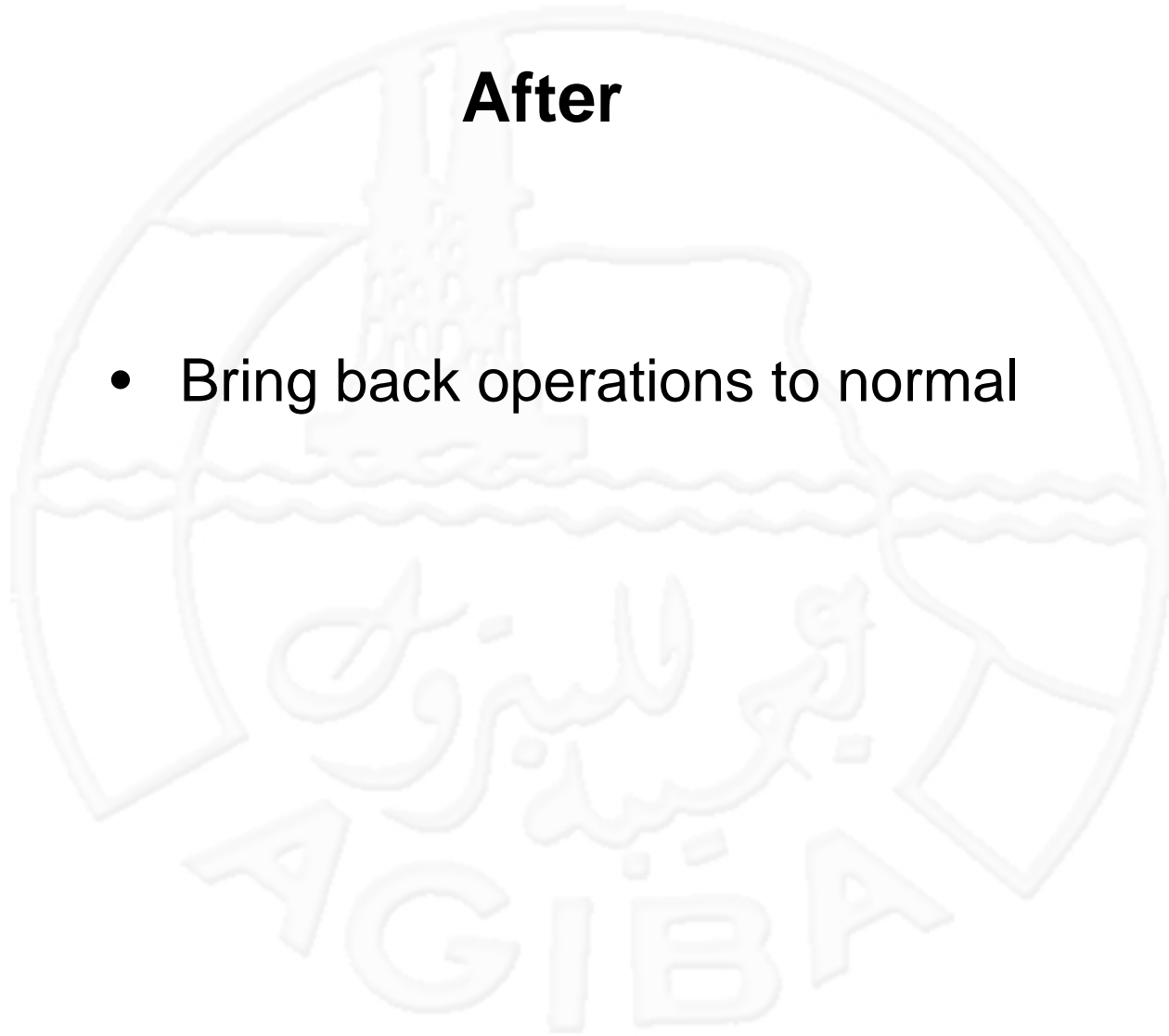
- React quickly to control the emergency situation according to the plan





After

- Bring back operations to normal





- Crisis Management Team
Cairo H.O

CMT





Emergency Management Team Fields

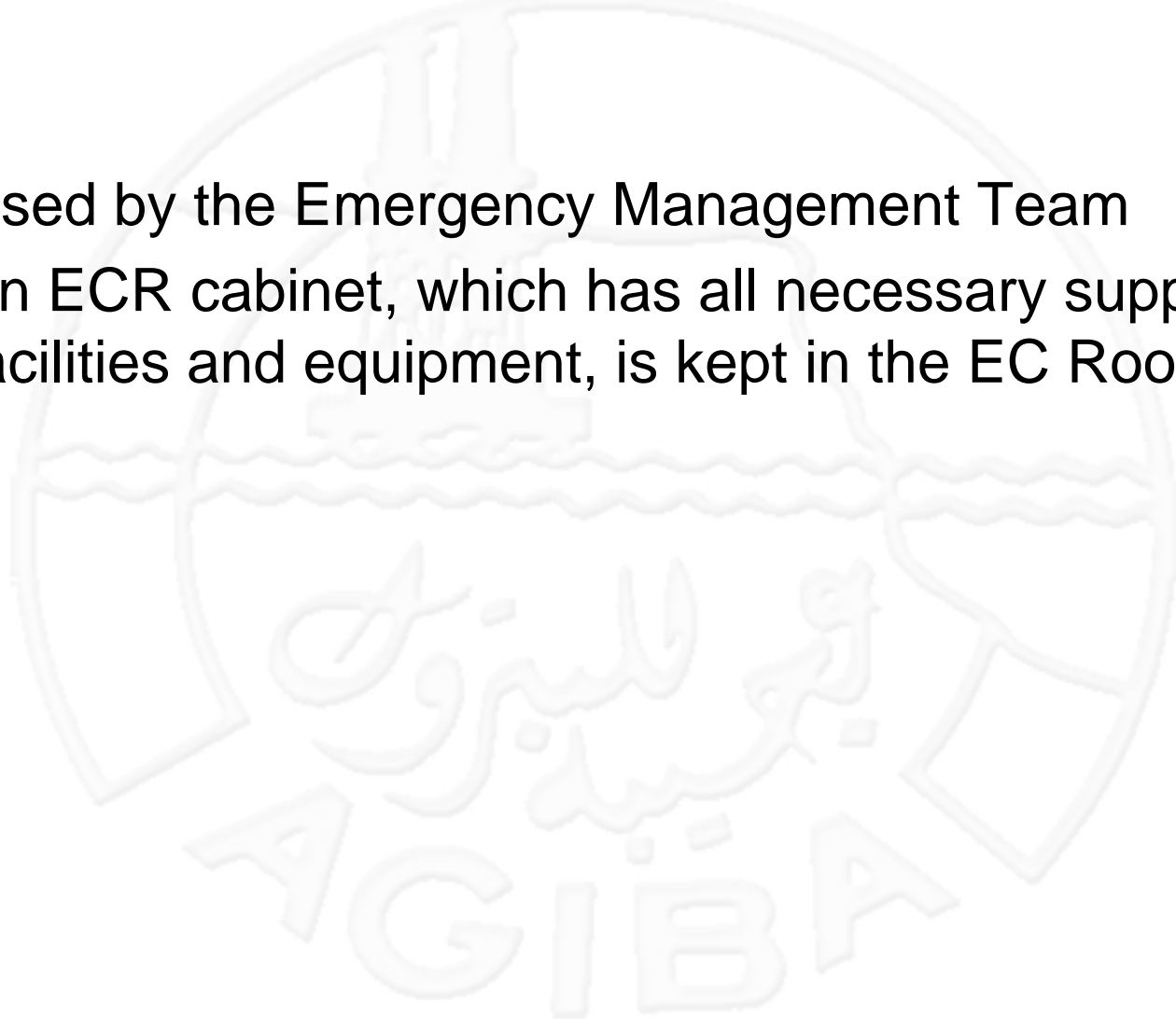
EMT





Emergency Control Room

- Used by the Emergency Management Team
- An ECR cabinet, which has all necessary support facilities and equipment, is kept in the EC Room



- Provide all necessary means of emergency communication





External Assistance Resources Directory



Agencies that can provide support when needed

Includes:

- Mutual Aid agreement participating companies
- Government and non-government agencies (army, navy, air force, police, fire brigade, hospitals, etc.)
- Contractors.

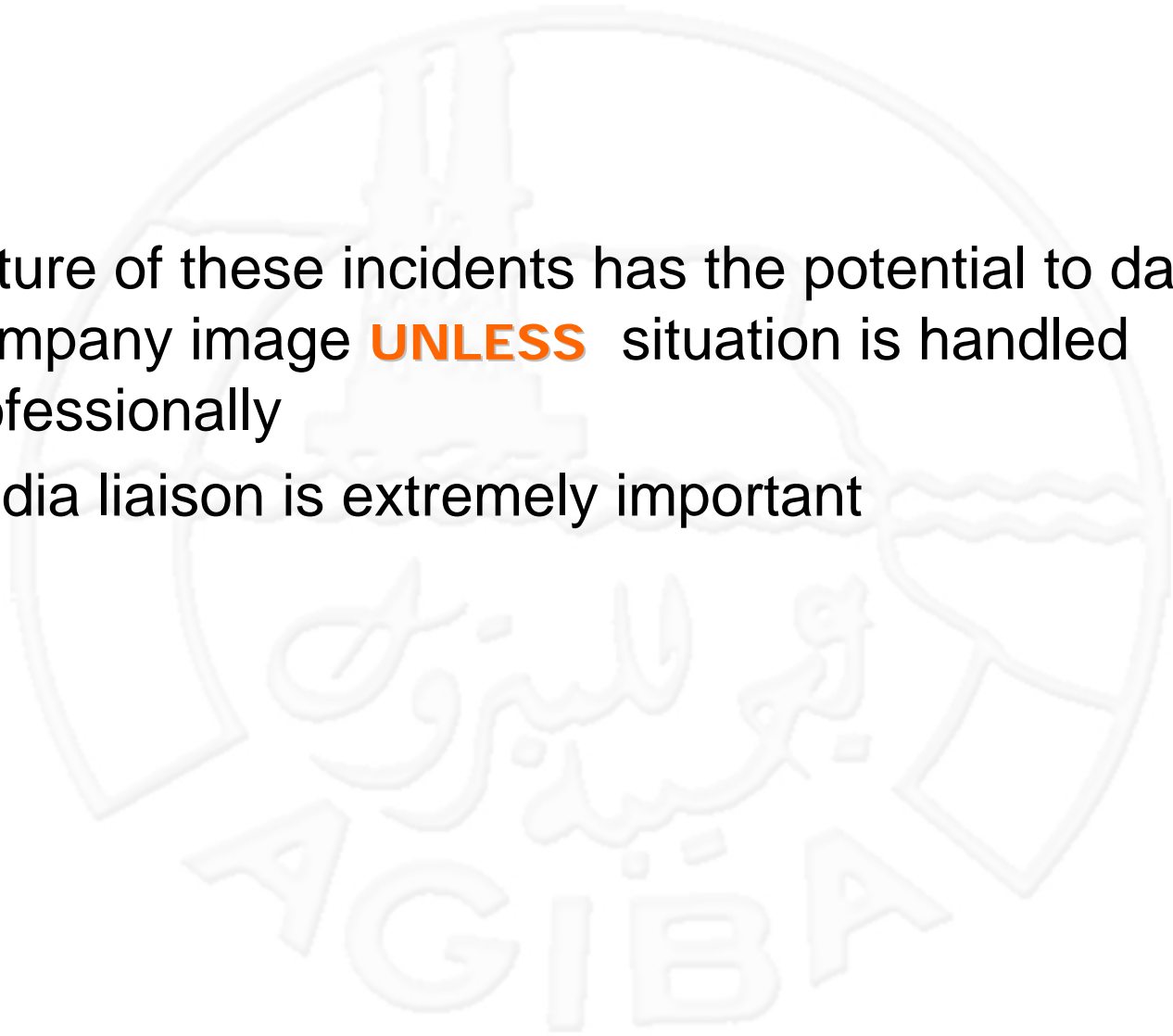




Media Sensitive Incidents



- Nature of these incidents has the potential to damage Company image **UNLESS** situation is handled professionally
- Media liaison is extremely important

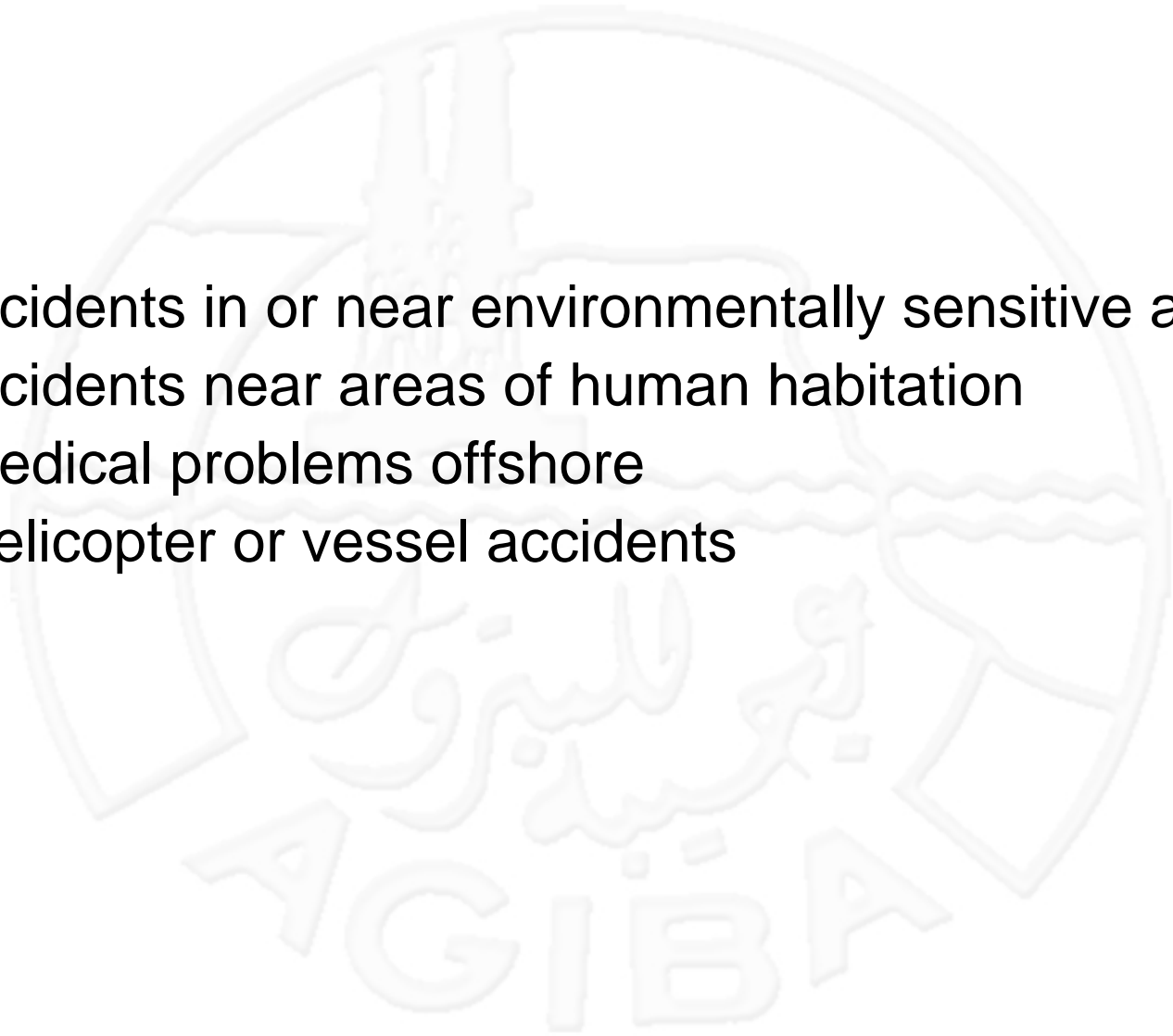




Media Sensitive Incidents



- Incidents in or near environmentally sensitive areas
- Incidents near areas of human habitation
- Medical problems offshore
- Helicopter or vessel accidents





Significant Emergencies



- Injured, missing or dead personnel
- Falling from platforms
- Rescue of people from the sea
- Fire or explosion
- Serious well control incident
- Release or spill of toxic or flammable material



Examples

- Fires



Examples

- Explosion



Examples

- Spills



Examples

- Leaks



Examples

- Blow-outs





Why did they develop into Disasters?

**Poor emergency
response planning**





THANKS

شكراً

