

# Description of the Environment

## Training on Contingency Planning for Jordan

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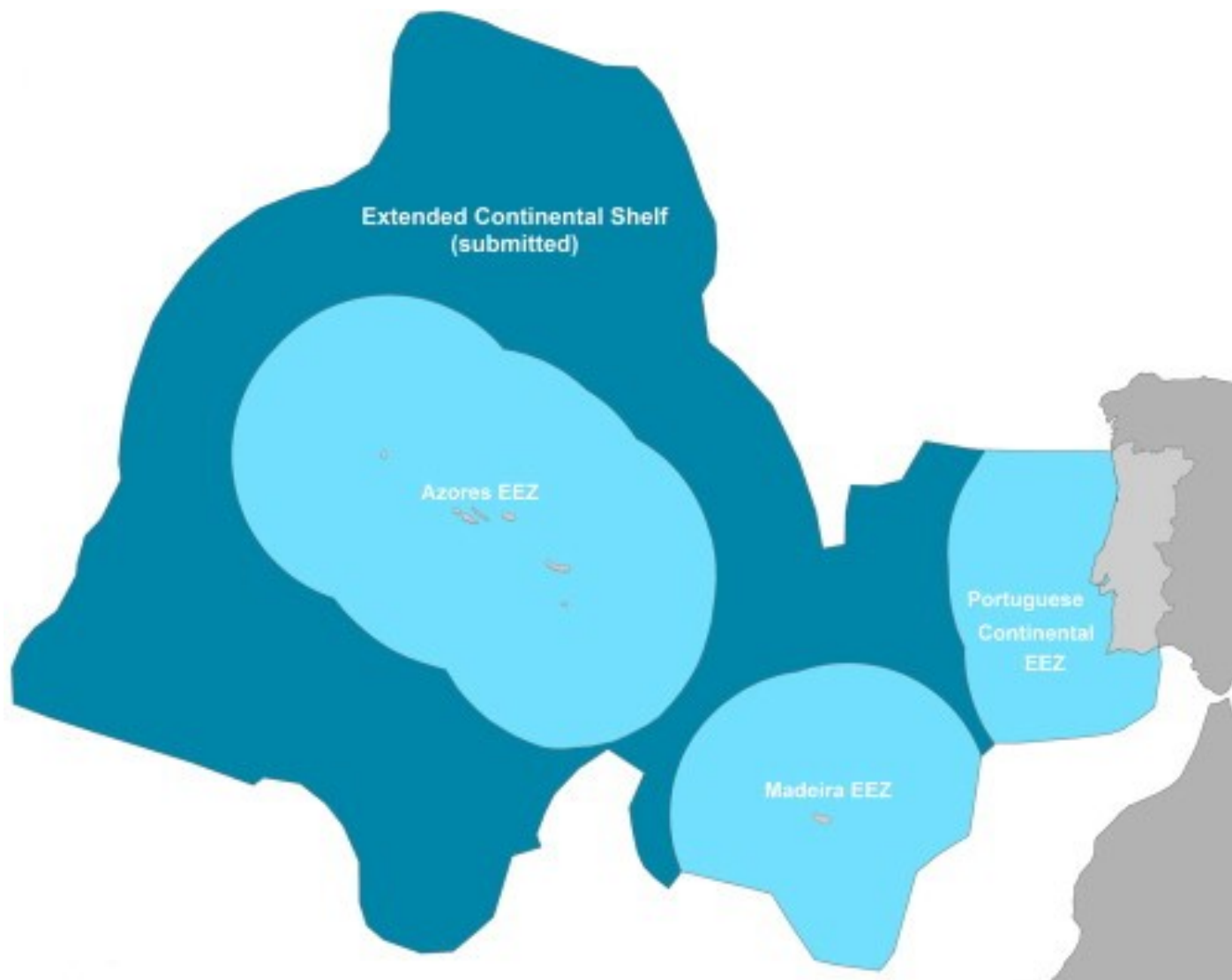
## “Environment”

Relies on Jurisdiction of Plan

- Environment
- Economic interests
- Recreational Interests
- Social Interests

## Jurisdiction

- Responsibilities under the Jordanian NCP
- Area of Responsibility
  - Port/Harbour Authority
  - Facility Limits
  - Land based facility
  - Bunkering area's
  - Offshore mooring areas
- Need to be linked to the port authorities legal legislation
- Need to be mapped
- Be careful of Copyright issues
- Environment/Recreational/Economic/Social risks depend on this jurisdiction



## Environmental Interests

- Study should identify the following in the area of the Plan's jurisdiction:
  - Shoreline types: rocky, sandy, muddy, shingle, cliff
  - Accessible (with Access points) /non-accessible areas
  - Habitats (protected or otherwise) – sea grass/salt marsh/sand dunes/estuary/
  - Protected flora and fauna species
  - Bird populations
  - Fish spawning grounds
  - Juvenile fish areas
  - Industries based on use of the environment
    - Fisheries/Mariculture/Industrial abstractions
  - Recreational use of the area
  - Do these vary with time and season

# Priority Mapping

An Environmental Sensitivity Map needs to be developed

- Clear
- Illustrate all environmental issues and uses of the environment in the area
- Identify Priority resources that need protection during an incident
- Used as a basis for prioritisation of protection and clean-up operations



**JURISDICTION OF THE PORT AND HARBOUR OF TORONTO**



# Economic

- Identification of Economic use of the Port
- What ships are likely to use the port
- What cargoes are imported and exported through the port or are in transit through the port either on-board or in storage
- What bunkering activities happen in port – how?
- Are there any pipelines transiting the port or running alongside the port
- What industries are in the port
  - What fuel or hazardous substances do they use/ produce
- Need to be mapped and linked to the environmental sensitivity map



# Social

- What populations are surrounding the port
- Infrastructure surrounding the port
- Recreational use of the area
- Need to be mapped and used as a basis for prioritisation for the protection of the local populus.

# Contingency Planning

## Protection priorities

- Limited resources - cannot protect everything
- Prioritise in advance - who decides? - to be agreed/approved by all relevant organisations
- Many factors may affect priorities -
  - degree of sensitivity
  - ability to protect
  - seasonal changes
- Decisions need to be made and explained fully in the Contingency Plan
- Need to use Risk Assessment.



**Any questions?**

**Thank you!**

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