

# MARITIME INCIDENT READINESS AND RESPONSE IN NEW ZEALAND THE POST-RENA JOURNEY

3<sup>rd</sup> AMCF – Singapore April 2019

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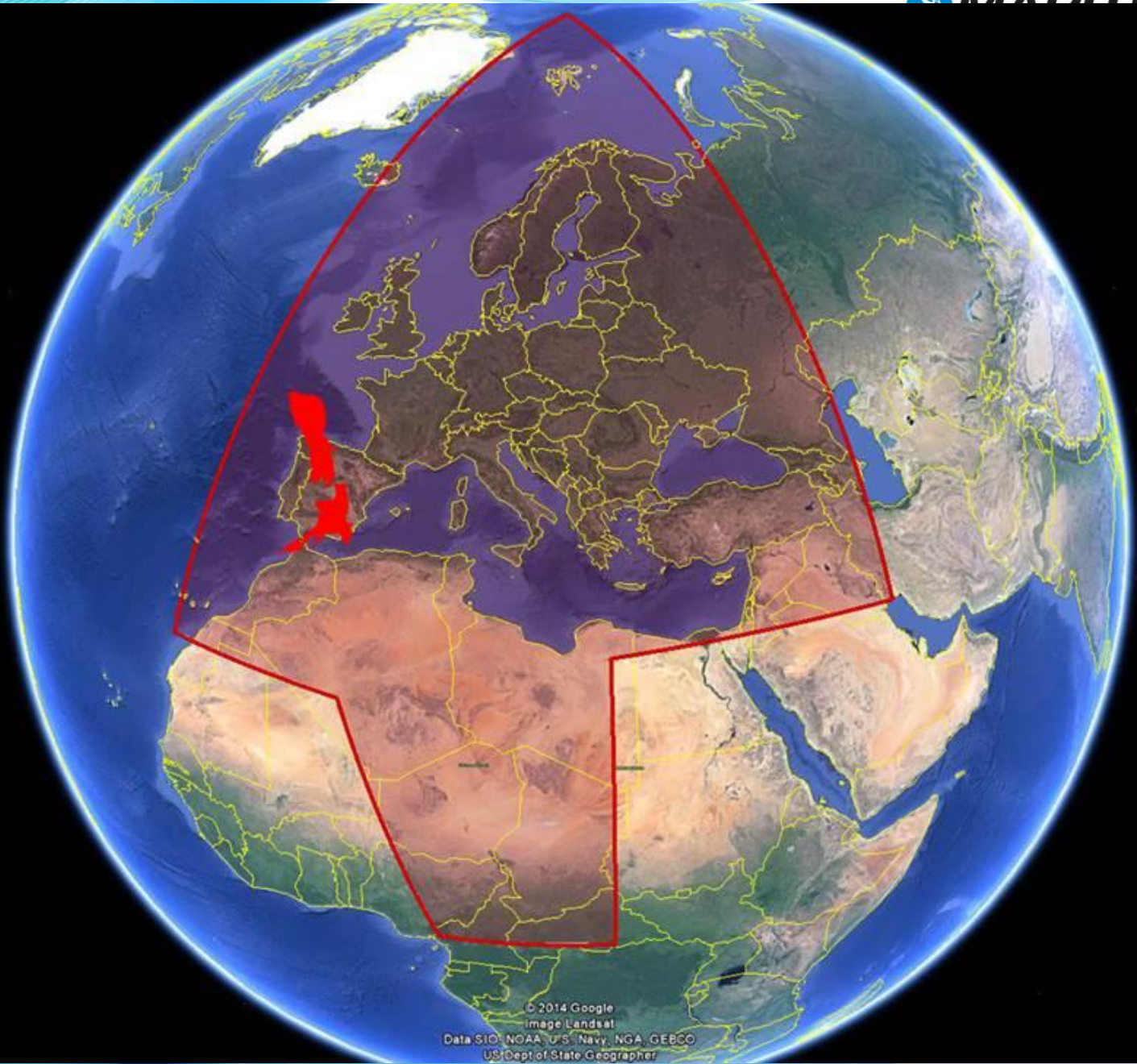
**Greetings to all those who provide sentinel  
and protection to the oceans that abound  
Aotearoa.**

**Hold fast its sanctity and preserve.**

**We acknowledge the Great Creator of all  
things, the beginning and the end.**

**We farewell those who have passed on to  
the spirit world.**

**To those who remain, we rejoice in the  
breath of life.**





# Incident Response Cycle

**READINESS**



**REDUCTION**



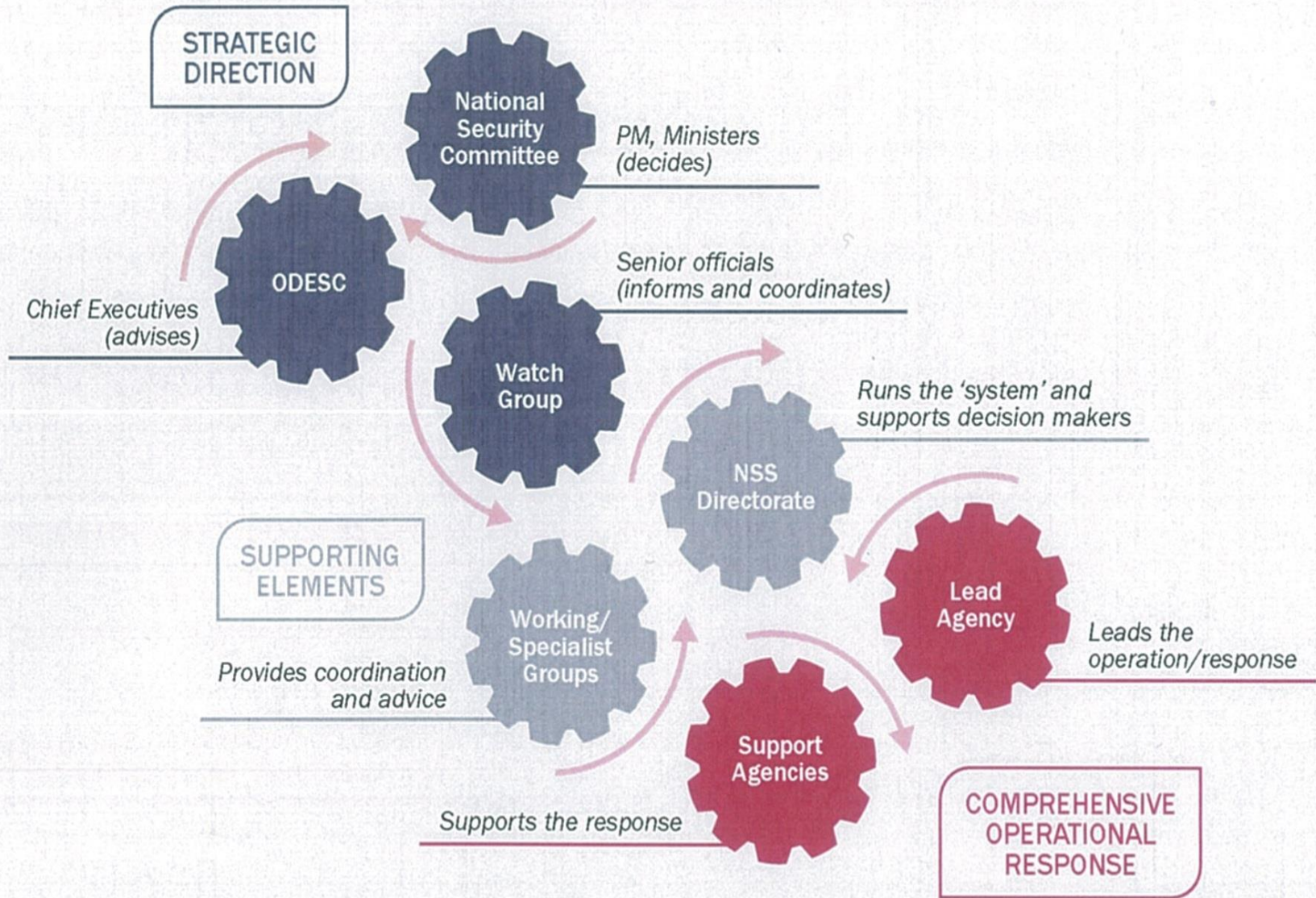
**RESPONSE**

**(Plan) RECOVERY (Do)**

**RESILIENCE**

*....involves having systems, people, institutions, physical infrastructure and communities able to cope with, and bounce back from major stress during complex emergencies.*

# National Security System in a crisis



# Maritime Incident response

## Government

- **Governance**
  - **Oversight**
  - **Lead Agency (MNZ)**
  - **Co-ordination of multiple players:**
    - **Government, Regional councils, Industry**
- 
- **Response**
    - **Intervention powers**
    - **Tasking of expert assistance**
    - **Oil spill response:**
      - **Off-shore – limited**
      - **Coastal - moderate**
      - **Shoreline - extensive**

## Industry

- **Immediate response**
  - **Vessel**
    - **Manage the emergency on board**
    - **Arrange remedial action (tow etc.)**
  - **Installation**
    - **Manage the emergency on board**
    - **Capping/containment**
    - **Relief well**
- 
- **Response and support**
    - **Inform Government of actions**
    - **Arrange salvage/towage/repair**
    - **Oil spill response**
      - **Limited capabilities in country**
      - **Contracts for support**

**Government: oversights, manages, directs and responds**

**Industry: responds, carries out 'control measures', supports and pays**



# Integrated Maritime Incident Readiness and Response

## Response – incident framework:

- Minor / Routine
- Significant
- Major

## Director's powers:

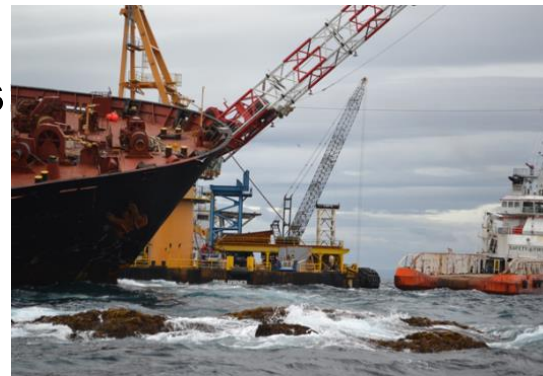
- Extensive intervention powers
- Vessels, installations and harmful substances

## MNZ core 'response' functions

- Oversight / assurance
- Execution / delivery

## Partnership approach:

- Work together for best results
- Manage risk



# Where are we now?

- ✓ **Integrated Maritime Incident Response Strategy and Marine Oil Spill Response Strategy**
- ✓ **Oil Pollution Fund and SAR funding refreshed, Maritime incident response funding to June 2019, bid in hand for further 3 years**
- ✓ **Strategies, Plans, procedures and training regimes in place and evolving, partnered with IG via Outreach**
- ✓ **Multiple agreements with other parties – NZ and abroad**
- ✓ **Training in incident management, legal powers, salvage and oil/gas response completed and on-going**
- ✓ **Contracts for support, logistics and waste disposal in place, international support arrangements**
- ✓ **24/7 duty personnel in place and trained**



# Capability - 1

- **Focus is on preparedness in order to respond effectively and efficiently**
- **People: Leadership and Structure**
- **People – trained, exercised; resources to conduct both**
- **People – technical services**
- **Equipment**
- **Relationships: IWI, Regional Council, Industry, Partnerships**

# Capability – 2 – Marine Oil Spills

- **Overall capability – nearshore and coastal**
- **\$20M of oil spill equipment – 18km of oil booms, 90 skimmers to recover oil, 200 tonnes of dispersant, 50 storage devices, 3 oil recovery barges, spt equipment ( pumps, airblowers, generators)**
- **Provision of services – aerial contract with 10 aircraft companies (observation and dispersant deployment)**
- **Wildlife response –specialist veterinarian equip, related equipment**

# Capability 3 – Integration

- **New National Response Team Training regime, 32 Regional exercises annually,**
- **National Response Team – 126**
- **Leadership: National On Scene Commanders (6), National and Regional Controllers (6)**
- **Partnerships and contracts:**
  - **AMSA**
  - **Oil Spill Response Limited**
  - **Boots and Coots (offshore wellcontrol advice)**
  - **London Offshore Consultants ( Salvage advice)**
  - **Maritime Incident Response Capability**



# Summary

- ✓ **Relatively small organisation – broad roles**
- ✓ **Manage routine national SAR coordination and national marine oil spill readiness and response**
- ✓ **Prepare for major/significant maritime incidents – vessels of all types, off-shore oil and gas**
- ✓ **Balance likelihood versus consequence**
- ✓ **Be ready for very occasional very severe incidents**
- ✓ **Scalability/Flexibility/Adaptability**
- ✓ **Balanced and Appropriate to Risk**
- ✓ **Much achieved since RENA**
- ✓ **Working within evolving National Security System\***

## The Acid Test:

- ✓ **“...how, when faced with a major incident and risks far in excess of the planned response capability, a coastal state copes, in particular how soon it can establish an overall response environment that has structure, order and coherence. This is the strategic platform that the operational and functional elements need in order to become effective and perform optimally.”**
- ✓ **“... success or failure in the response phase rested on the individual and conjoined efforts of an alliance of institutional contributors, foreign and domestic, whose particular assets and competencies needed to be effectively orchestrated.”**

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