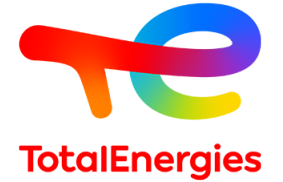


Oil Spill Contingency Plan Exercise

TotalEnergies Marketing South Africa (Pty) Ltd

14 September 2023 – PIMAD – LMP & IVT: Tank 644 bund pool fire

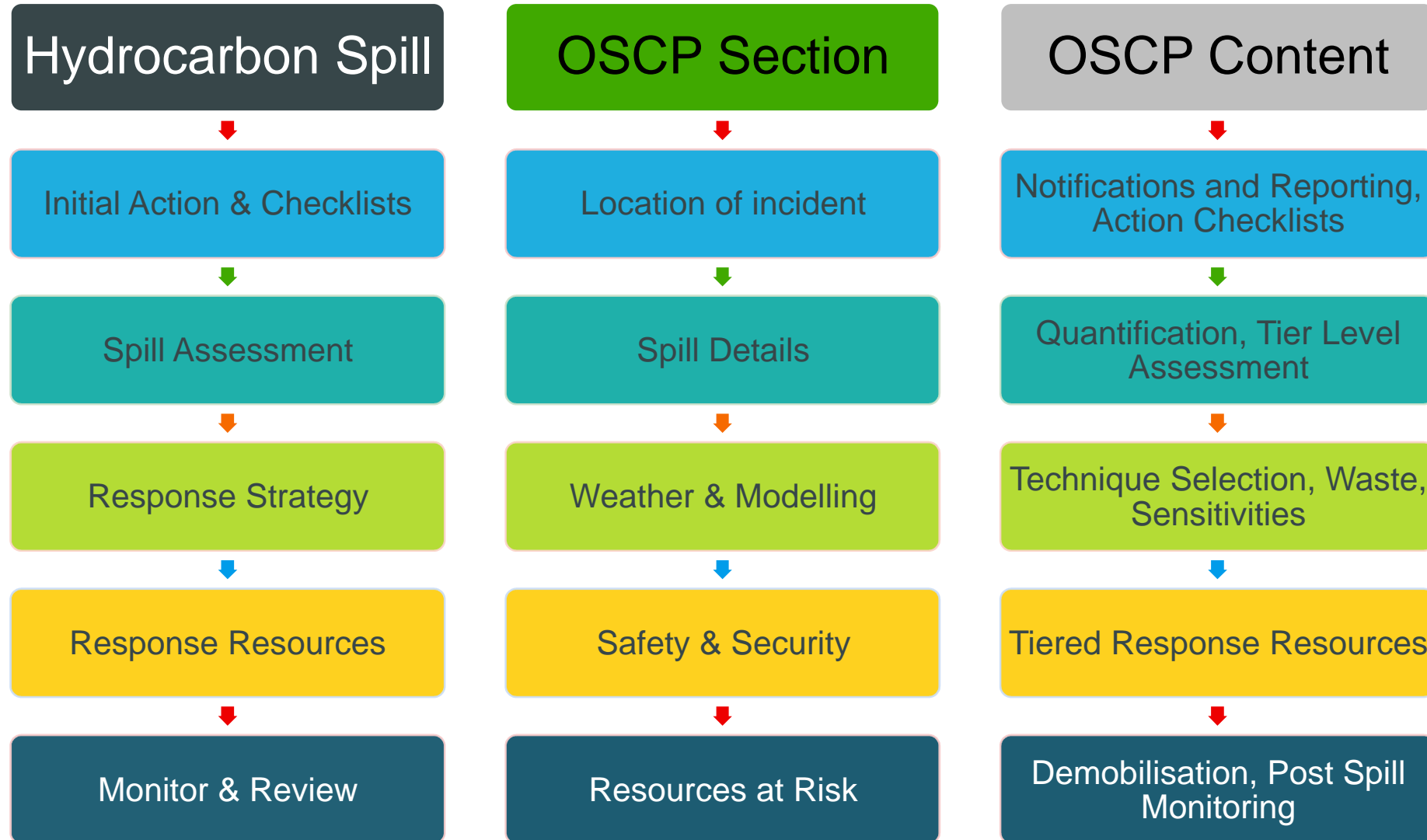
Drill Scenario & Objectives



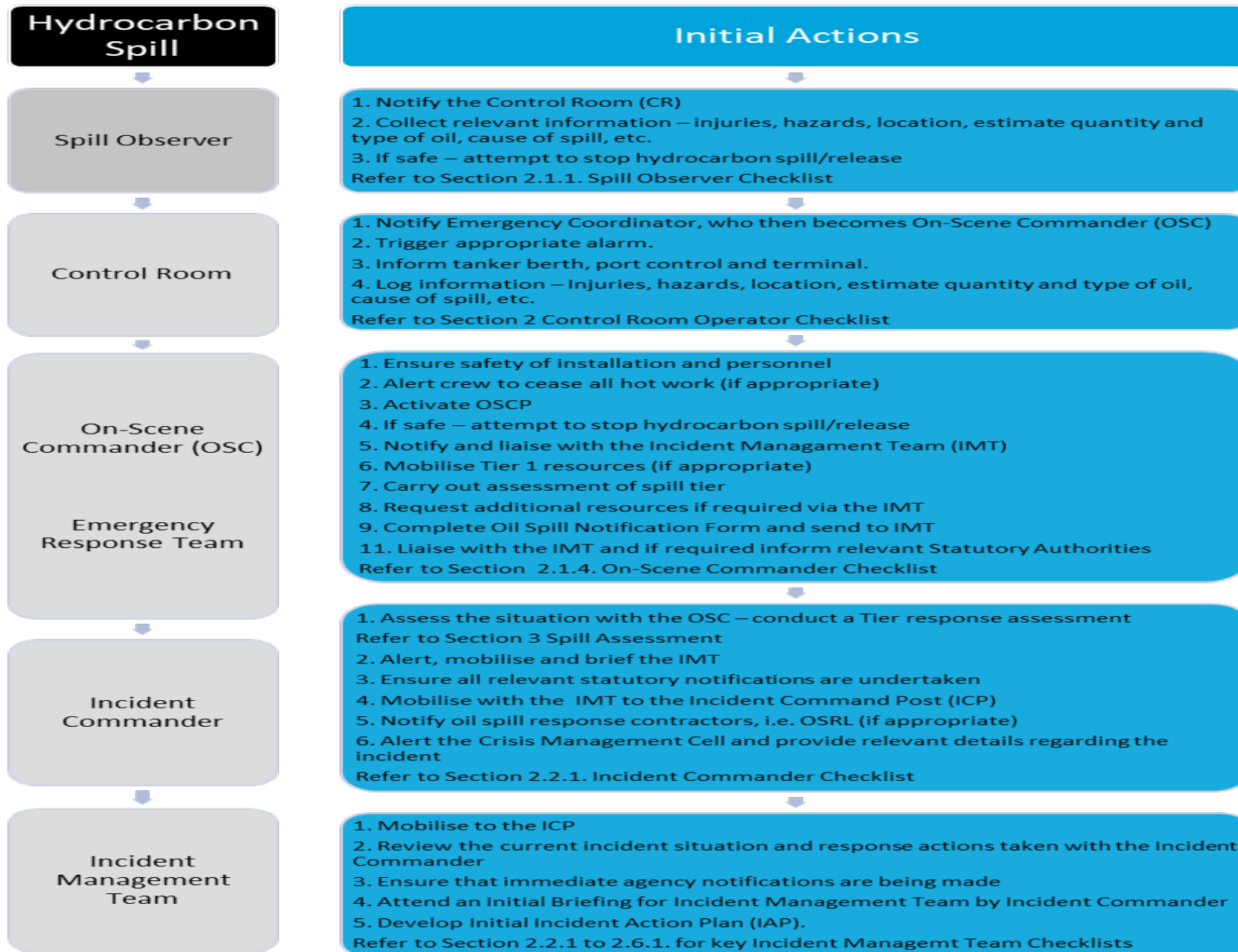
Scenario: IVT Tank 644 Bund Fire – affecting LMP Grease Plant.

- During the normal operation in IVT, one of the safety critical barriers (hydrocarbon detector) was activated due to the presence of the fuel found in the bund area of Tank 644. Immediately on discovery of the situation, IVT initiated evacuation and informed LMP to also evacuate the site.

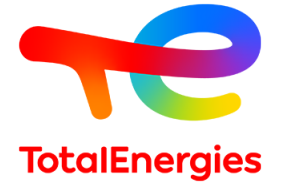
OSCP roadmap



Action Validation



Identified Scenario



SCENARIO						Risk			Response Strategy	Parties responsible
#	Source	Event	Oil Type	Spill Volume	Impact	Likelihood	Consequence	Risk		
11	Storage tank	Loss of primary containment with most contained in bund.	Petrol, diesel, base oil, hydraulic oil and engine oil	5-10 m ³ to sea through stormwater channel	Most contained in bund.	3	1	Low	<ul style="list-style-type: none"> • Monitor and evaluate. • Source control – close off channels and limit spread where possible. • Recover using sorbent pads and absorbent rolls. • Natural dispersion of lighter oils, assisted by prop washing 	<p>Tier 1</p> <p>First response is Spilltech notified by TotalEnergies</p> <p>Tier 2</p> <p>Joint committee made of TotalEnergies, TNPA and METRO will decide if escalation is required. If escalation is required Tier 2 – Navy and DEFF will be notified.</p>

Recommendations & Actions



Operational

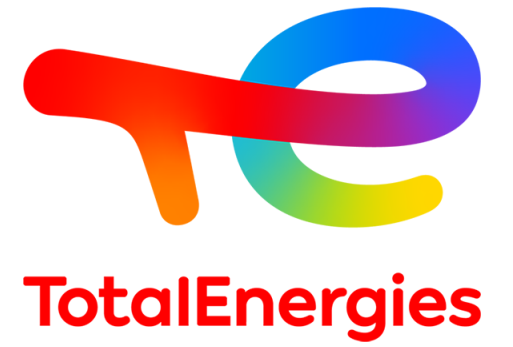
- Assembly points were not managed
- Some deficiencies noted in CMC – IMS300 training scheduled for Feb-24

Resources

- TNPA crew did not respond due to a real incident
- No plan in place if TNPA does not respond, or have resources
- Cutler will escalate matter to management, and discuss during Fire Sub Committee

Equipment

- Unavailability of BIG ED (TNPA mobile foam cannon) – TMSA offered use of LDV, but it was too late
- eThekwini had enough foam concentrate but not equipment that will give required output.
- The fire was not extinguished



Thank you