

Positive Social Impact

Capabilities and Competencies

We aim to constantly embed safety in everything we do. In reinforcing this principle, we focused on realising our Generative HSE Culture programme by enhancing HSE capability development programmes, improving the sustainability of HSE programmes while embedding HSE values and importance among our stakeholders and the larger community.

Drive Learning Culture as Part of a Continuous Effort in Learning from Incidents

As part of our journey in building safety culture, we emphasize on the importance of learning from previous incidents in order to avoid or minimise issues in the future.

Contractor HSE Management

01

Conducted **13** Reflective Learning and incident sharing sessions involving **2,724** participants.

02

Developed and published **four** lessons learned videos on PETRONAS internal platforms to improve learning from past incidents.

03

Conducted four groupwide collaborative learnings involving **1,237** participants. Learning focus areas included Electrical Fire, Auto Ignition, Piping Corrosion and Process Safety in design.

We enhanced contractor HSE management, where our contractors were required to undergo specific training to ensure they possessed the necessary competencies in order to be part of our value chain.

- The focus on contractor management is demonstrated through the continuation of the PETRONAS Contractor HSE Mentorship Programme to improve the HSE system and performance. **Fifty** contractors subscribed to the programme whereby four contractors graduated in 2022.
- Established a Community of Practitioners (CoP) as a common platform for HSE Frontliners from contractors' companies to communicate HSE requirements and sharing of best practices.
- Launched PETRONAS Safety Frontliners Development Programme in July 2022, intended to standardise Contractor Safety Practitioner roles (including Safety and Health Officer, and Site Safety Supervisor) and equip them with relevant/tailor-made knowledge.

Collaborations and Partnerships

• PETRONAS Disaster Management Collaborative (PDMC) Workshop

We recognise the importance of collaborating with our internal and external stakeholders in strengthening our crisis management preparedness. Towards this end, we collaborated and involved various Government authorities and agencies in the workshop.

- **Three** PDMC workshops in East Coast and Sarawak Region (Kemaman, Miri, Bintulu)
- Participated by **31** PETRONAS operating units and **84** government authorities and agencies, involving **370** participants.



Improving Fire and HAZMAT Response Management

We focused on improving Fire and HAZMAT Response Management (FHRM) across our operations by collaborating with the Fire and Rescue Department Malaysia (FRDM) to strengthen our regulatory compliance. We also strengthened leadership and best practices with CEFS entities and our operations' Fire Response Unit which resulted in quarterly cross collaborations and advisory meetings between Group Health, Safety and Environment (GHSE) and Centralised Emergency and Fire Services (CEFS) entities. Collaborations with government authorities and agencies, including international stakeholders were also held.

- Introduced **five** Emergency Response Training Modules;
- Conducted study on firefighting foam with Fire Research Centre (PUSPEK) BOMBA CEFS Kerteh;
- Established guidelines in Managing Community Awareness and Emergency Response (CAER).

Our ability to develop these practices internally led to cost savings of approximately RM200,000.

- Collaboration with the Centralised Emergency and Fire Services (CEFS) and OPU's Fire Response Unit resulted in the introduction of three best practices in FHRM:
 - Standardised *Ujian Kecergasan Jasmani Kebangsaan* (UKJK)
 - Identified training module content on emergency response
 - Emergency response equipment dashboard to be implemented in 2023
- The Fire Safety and Emergency Response Community of Practitioners (CoPs) was chosen as the Top 2 Performing CoPs in PETRONAS (among 68) during Knowledge Management Day 2022, with **RM90 million** potential value creation.

Upskilling our Emergency and Crisis Management Capabilities

• Natural Disaster Management Committee (NDMC)

In strengthening our crisis management capability, we established and provided guidance to our Natural Disaster Operation Committee (NDOC) and Natural Disaster Operation Coordination Committee (NDOCC) members in managing natural disasters to minimise impact on people, the environment, assets and our reputation.

Completed the Natural Disaster Contingency Plan (NDCP) for all **six** identified regions (Southern, Northern, Central, Sarawak, Sabah and Labuan).

01

02

Upskilled **127** members and facilitated natural disaster crisis management exercises.

• Country Contingency Plan

We reviewed and revised the Country Contingency Plan (CCP) Technical Training and made it available to all our international assets. We also introduced two new CCP Technical Trainings, namely to Japan and Australia.

Successfully upskilled Country Contingency Team (CCT) members to improve capabilities and preparedness in managing crisis in international assets.

Conducted **six** exercises on crisis management for Japan, Mexico, South Sudan, and the United Arab Emirates.