

Positive Social Impact

4 Strengthening Security with Technology

Our security personnel are our frontliners protecting our assets, information, employees and communities to ensure uninterrupted operations. Hence it is vital that we equip them with the latest security equipment and cutting-edge technology.

In 2022, we completed a pilot project in Pengerang, Johor, to maximise our AP's enforcement powers by expanding their focus into marine, investigation and air units. In addition to testing a drone surveillance and monitoring system at the PETRONAS Twin Towers and the East Coast Region, we introduced a facial recognition system at the PETRONAS Twin Towers to improve security at our headquarters. Concurrently, we engaged relevant authorities and agencies on proactive counter-drone measures – exploring the feasibility of drone jammers the need for streamlined standard operating procedures on drone management activities for the corporate sector in Malaysia.

We also enabled centralised monitoring with an Integrated Security Control Centre, equipped with an Emergency Communication Centre (ECC), Mobile Monitoring Control System (M2CS), and drone technology. PETRONAS was also among pioneering corporate organisations to deploy body-worn cameras at our headquarters in Kuala Lumpur, Malaysia, thereby safeguarding our premises.

- Obtained certification for **81** identified personnel (73 APs and eight executives) as drone operators, aligned with the Civil Aviation Authority of Malaysia (CAAM) regulations.

We also signed an agreement with University Teknologi PETRONAS (UTP) to collaborate on various security analytics technology initiatives. This partnership encourages participation between academic and industry practitioners to venture into research on data, cybersecurity and physical security analytics.

- **Three** joint-ventures are being pursued through UTP's Centre for Research in Data Sources (CeRDAS).

5 Establishing a Culture of Security

Engagement is critical in upholding a robust security culture, extending existing focus beyond our staff and domestic enforcement agencies to include international constituents. We also strengthened our relationship with local stakeholders to contribute to upholding national energy security.

- Achieved a **5-star** Certification of Key Point Facilities for PETRONAS Chemicals Fertiliser Kedah (PCFK), Gas Processing Santong (GPS) Dungun and Malaysia Refining Company Sdn Bhd (MRCSB) facilities; part of an initiative led by the Malaysia Office of the Chief Government Security Officer (CGSO) of the Prime Minister's Department.



Towards this end, we conducted several key efforts, some of which included:

Pilot Regional Security Hub – Asia Pacific

Objectives

Streamline security practices across international operations for better line of sight and instil security acumen aligned with local cultures.

Outcomes

- Bridged the governance and operational gap between Group Security and ground operations.
- Enhanced relationships with international security stakeholders.
- Provided timely security insights and support on managing ground security complexities.
- Mitigated potential hazards through timely security controls.

PETRONAS International Security Symposium

Objectives

Establish a common platform for the industry’s security practitioners to share, deliberate and network on the topic of physical security to advance security excellence.

Outcomes

- Over 867 virtual participants and 150 physical participants from 11 countries including Indonesia, India, Iraq, Sudan, Turkmenistan and the United Kingdom. The event held on 18 August 2022 in Kuala Lumpur, Malaysia also saw participation from PETRONAS’ Board members, ELT and representatives from various companies from the Energy sector.
- Pioneered a dedicated platform on security for the energy sector featuring a suite of Malaysian and international speakers, with discussions on topics such as security’s transition towards net zero to convergence of physical and digital security acumen.
- Received positive feedback from participants citing a previous absence of a formal platform bringing together the energy sector’s physical security practitioners.

Security Awareness

Objectives

To propagate security via discourse on timely topics of interest in effort to drive security uptake through better understanding and appreciation of security acumen across the operational and strategic fronts.

Outcomes

- 10 webinars, including some for a groupwide audience. Some of these sessions attracted between 200 to over 500 participants.
- Wide range of topics including security risks, security geopolitics and security behaviours. (e.g. Terrorism, country updates and revolutionising security through technology, Kidnap for Ransom, Cybersecurity, Fix the Leak, Information Sharing and Raya Festive Season travel safety advisory).
- Developed podcasts, with three episodes dedicated to Climate Change, Security and Human Rights. The insights reflected correlation between security and sustainability, enabling better appreciation on the role of security in realising long-term business growth. These podcasts also featured PETRONAS subject matter experts and their views on how security is a vital aspect of sustainability.

We established a Security Academy to enhance our security practitioners’ skills, knowledge, and capabilities, enabling them to deliver optimum value and provide equitable services as a business growth partner.

Additionally, identified personnel also attended sessions on Drone Certification, Train the Trainer, Basic Investigation Technique, Basic Forensic Technique and Basic Marine Survival among others. These sessions focused on striking a proper balance across the technical, strategic, and leadership spheres, emphasising the familiarisation of law and regulations.