

# Positive Social Impact

## Digital myHSSE at PETRONAS

The myHSSE digital platform serves as our one-stop knowledge centre for all PETRONAS Health, Safety, Security and Environment (HSSE) matters.

By adopting a single information platform that houses all 16 systems of our HSSE digital solutions, each of which addresses different business pain points for users' easier access and fit-for-purpose usage.

We are also enabling users to harness the power of HSSE data to derive insights on HSSE performance, trends, emerging risks and other essential elements so that we can make proactive interventions. As we move towards our goal of realising predictive and even prescriptive HSSE analytics. Group HSE endeavours to improve this further.



<p><b>IPSS</b></p> <p><b>Integrated Process Safety Solution</b></p> <p>An integrated solution to optimise Process Safety Work processes and ensure governance in minimising human error, driving compliance and providing valuable insight for risk management.</p>	<p><b>FMS</b></p> <p><b>Fatigue Management System</b></p> <p>A centralised system to track and monitor the Hours-of-Service Limit (HSL) for PETRONAS' employees and contractors.</p>	<p><b>ICMS</b></p> <p><b>Integrated Contractor Management System</b></p> <p>A system to screen contractors and prevent unauthorised personnel from entering PETRONAS' premises.</p>
<p><b>CMIS</b></p> <p><b>Crisis Management Information System</b></p> <p>A solution to minimise human interventions by providing an assisted approach in managing a crisis through technology.</p>	<p><b>EPICS</b></p> <p><b>Environment and Social Performance Integrated and Centralised System</b></p> <p>An integrated system that provides holistic environmental and social performance data management for compliance and sustainability reporting.</p>	<p><b>UAUC</b></p> <p><b>Unsafe Act, Unsafe Condition</b></p> <p>A centralised platform to report, track and provide analytics of Unsafe Act, Unsafe Condition and Safe Observation for PETRONAS Group.</p>
<p><b>e-RGO</b></p> <p><b>Ergonomics Management System</b></p> <p>An ergonomic self-assessment adjustment and case tool to reduce the risk of musculoskeletal disorders.</p>	<p><b>HIRA</b></p> <p><b>HSSE Integrated Risk Assessment</b></p> <p>An integrated system to manage and perform HSSE-related risk assessments.</p>	<p><b>MARS</b></p> <p><b>Monitoring and Reporting System</b></p> <p>An integrated and centralised system to report, record and monitor HSSE performance indicators for PETRONAS Groupwide.</p>
<p><b>AM</b></p> <p><b>Action Management</b></p> <p>A centralised platform to record and track groupwide HSSE-related action items for PETRONAS.</p>	<p><b>HSE ABR</b></p> <p><b>HSE Accountability and Behaviour Reinforcement</b></p> <p>A digital solution to manage both positive and constructive reinforcements.</p>	<p><b>IM</b></p> <p><b>Incident Management</b></p> <p>A system to report, record and track actions on groupwide HSSE incidents and grievances for PETRONAS.</p>
<p><b>eCHEMS</b></p> <p><b>e-Chemical Management System</b></p> <p>A centralised system to request, screen and approve chemicals before purchases are made as this ensures compliance to HSE Legal Requirements.</p>	<p><b>ePTW+ 2.0</b></p> <p><b>ePTW+ 2.0</b></p> <p>A Groupwide Permit-to-Work (PTW) system that standardises the ePTW system across PETRONAS operations.</p>	<p><b>PSRS</b></p> <p><b>PETRONAS Self-Regulation System</b></p> <p>A centralised digital platform for Plant Management System (PMS) implementation.</p>

### STEWARDSHIP, HEALTH, INFORMATION AND ENVIRONMENT LINKED DATABASE (SHIELD)

**PETRONAS Safety Data Sheet (SDS) Portal**

A portal where PETRONAS product SDSs are made publicly available to all stakeholders in efforts to promote transparency and sound chemical management. Results of product risk assessments are also summarised and made available to stakeholders through Global Product Strategy Safety Summaries (GPSS) to further communicate product risk in line with our overarching objective of supporting proper product risk management throughout our products lifecycles.

**myHealth**

Aims to support the general employee occupational health for PETRONAS. This includes the planning, execution, and archiving of Fitness-to-Work, Medical Surveillance & Substance Misuse health protocols. myHealth also includes a self-service health assessment which can be done in one go and includes self-generated Letter of Undertaking, as well as a selection of preferred Approved Medical Examiners (AME).