Panel Sessions

PANEL SESSION 1: Embracing Environmental Challenges in the New Norm
Tuesday, 4 April • 1115 – 1245 hours • Room 302-303, Level 3

Speakers:

Dato’ Dr. Ahmad Kamarulnajuib Che Ibrahim,
Director General,
Department of Environment, Malaysia

Bacho Pilong,
Vice President, International Assets, Upstream,
PETRONAS

Lawan Pornsakulsakdi,
Vice President, Environment,
PTTEP

Roger Charles,
Senior Manager, Environmental and Social Risk Management,
Group Corporate Affairs,
Standard Chartered Bank

Moderator:
• Jeffrey Jeter, Associate Director, European Bank for Reconstruction and Development

Session Chairpersons:
• Lee Tzee Wan, Custodian, Environmental Management, Group HSE, PETRONAS
• Steve Laking, President, Europe and Africa Division, Ramboll Environ

The oil and gas industry faces even more accelerated and emerging environmental challenges such as depleting resources and declining biological diversity in the current low oil price environment. This is in addition to more common issues relating to pollution and waste generated by the industry. These environmental issues present both a challenge and an opportunity for the industry. The former lies in the need for the industry to continuously be on its toes to prevent industry relate environmental incidents from occurring and adapt to evolving environmental issues and related regulatory measures. The latter refers to how these challenges present an opportunity for the industry to innovate and develop more cost-effective means to achieve environmental protection.

The question before us as an industry therefore is: Where do we stand and what do we do as an industry in view of accelerating and emerging environmental concerns? From an organisational standpoint, should the industry be looking at more sharing of information and greater transparency in addressing environmental issues, or do we continue working in isolation? More importantly, do we now take a more proactive stance as opposed to only reacting when issues arise?

It is readily apparent that the business-as-usual approach is no longer sufficient to meet these challenges and that innovation holds the key to improved environmental protection in the current low oil price situation.
PANEL SESSION 2: Emerging Security Threats and Responses from the Industry  
Tuesday, 4 April • 1400 – 1530 hours • Room 302-303, Level 3

Speakers:

Matthias Wieser,
Director,
Control Risks Group

Hamidah Hassan,
Upstream IT Manager,
ExxonMobil Exploration & Production Malaysia

Shakib Ahmad Shakir,
Undersecretary, Security and Maritime Sovereignty,
National Security Council, Malaysia

Mohd Abdul Kader Mohd Kassim,
Head, Group Security,
PETRONAS

Moderator:
• Nor Hashim Yusoff, Head of HSE, Malaysia Petroleum Management, PETRONAS

Session Chairperson:
• Idora Abdul Malek, General Manager – SSHE, ExxonMobil E&P Malaysia

The growing concern on security threats such as global terrorism, piracy/sea robbery and encroachment into restricted zones, are known challenges facing oil and gas companies and other stakeholders (including host governments) for decades. Managing the security aspects of oil and gas infrastructures is not a straight forward task, regardless of whether the assets are located in low or high risk areas. For offshore installations, they are located beyond immediate access to the support available from land. They are more vulnerable to security threats even though the onshore facilities are also not exempted. Evidences of attacks on oil and gas facilities have been published in the media worldwide. Although the motives behind the attacks varies, the fact that oil and gas facilities have become targets is real. One of the security focus areas is ensuring both offshore and onshore facilities (more critical for manned facility) are managed from those risks and controls and mitigation measures are in place. Oil and gas companies must be responsible in protecting their assets from security related threats and in response to those threats, must take focused and decisive actions to ensure the safety and security of their key assets.

This panel session will discuss, amongst others, imminent security threats faced by the oil and gas industry, effective security management system, security strategies, latest security technologies and ‘blue-ocean strategies’ with multiple agencies in managing risk. Panellists will share their experiences related to managing security threats within the oil and gas industry as well as from other industries.
PANEL SESSION 3: Remote Health Care – Effective Strategies for Managing Risk in Remote Environments  
Tuesday, 4 April • 1400 – 1530 hours • Room 305, Level 3  

Speakers:  
Dato’ Razin Kamarulzaman,  
Head, Department of Military Medicine,  
**Armed Forces Hospital Tuanku Mizan**  

David Teo,  
Regional Medical Director,  
Assistance Services South and South East Asia  
**International SOS**  

Mahzan Haron,  
Head Occupational Health, HSSE,  
**PETRONAS Refinery & Petrochemical Corporation**  

Shairizal Badzri,  
Head, Health, Safety & Environment  
**PETRONAS Carigali (Iraq)**  

Moderator:  
• Surya Kumar, Regional Manager, Asia Pacific, **Shell**  

Session Chairperson:  
• Norsayani Yaakob, Principal Health Advisor, **PETRONAS**  

Working in remote oil and gas operations presents a multitude of health challenges, including significant delays to diagnosis and treatment. In addition, these locations may have significant environmental exposures (e.g. communicable diseases, temperature extremes), limited access to basic necessities (e.g. clean water), limited medical expertise, medical supplies and communications. Workers in these locations continue to be at risk of suboptimal medical care - including unnecessary medevacs, delayed medevacs, and suboptimal care during transport.  

Remote Health Care (RHC) encompasses the health activities involved with the prevention, diagnosis, and treatment targeted at those working in remote locations. It represents a set of controls and mitigation plans to minimise the health risks of workers in these locations.  

This panel session addresses the challenges of managing health risks in these challenging environments. This includes planning, prevention, competence, telemedicine, remote medical support, medical equipment and supplies. It also aims to discuss the possibility that work can be carried out in remote locations without causing harm to people, and that the health of workers in remote locations can be protected in the same way as (or even better than) their non-remote counterparts.
PANEL SESSION 4: HSE Management – Managing Economic Challenges and Regulatory Pressures for Long-Term Sustainability
Tuesday, 4 April • 1600 – 1730 hours • Room 302-303, Level 3

Speakers:

Craig Marriott,
Global Lead, Safety Consulting,
Advisian

Jack Hinton,
Executive Vice President - Health, Safety, and Environment,
Baker Hughes

Dato’ Ahmad Hamizan Hasan,
Head, HSE Excellence, Downstream Business Excellence,
PETRONAS

Moderator:
• Looi Art Yew, Head, HSE Risk Management, HSE Excellence, Downstream Business Excellence Division, PETRONAS

Session Chairperson:
• Alicia Choy May Yi, Management System and Compliance Lead, Repsol Oil & Gas Malaysia

The energy sector is a sector of relentless change and evolution, one that operates within a volatile business environment where commodity prices are driven by the law of demand and supply and geopolitical forces, and ever-evolving economic and regulatory requirements. Given the volatile and uncertain environment in which the industry resides, being receptive and adaptive to change are keys to survival. Change management is thus about making the necessary modifications to transform the organisation in order to improve its organisational performance and maintain its competitive advantage.

Prior to the 20th century, organisational success and business performance were defined solely by economic indicators. Businesses operated with the modus operandi of creating maximum economic growth, and it was reflected in the approach and mentality of how businesses operated – a single-minded pursuit of shareholder value, measured over the short term. There is however a growing recognition among businesses that unlimited economic growth impervious to social and environmental impacts will not resolve the converging environmental, social and economic problems now faced by the world which affects businesses to some extent. This is also a driving force behind the increase in regulatory requirements and compliance monitoring.

This panel session will discuss best practices in managing regulatory pressures amidst the current economic climate and challenges of the industry; their implications on the quest for long-term sustainability, and how these considerations can be integrated into daily decision-making to draw a balance between profitability and sound HSE management.
PANEL SESSION 5: Where Do We Stand and What Do We Do as an Industry to Accelerate Emission Reduction and Mitigate Climate Change?
Wednesday, 5 April • 1100 – 1230 hours • Room 302-303, Level 3

Speakers:

Fredolin Tangang,  
Vice Chair,  
Intergovernmental Panel on Climate Change (IPCC)

Hatarmizi Hassan,  
Head of Fluids Technology, Group Research & Technology, Project Delivery & Technology, PETRONAS

Knut Mauseth,  
General Manager, Development, Upstream International Operated Malaysia, Shell

Moderator:  
• Steve Laking, President, Europe and Africa Division, Ramboll Environ

Session Chairperson:  
• Lee Tzee Wan, Custodian, Environmental Management, Group HSE, PETRONAS

The climate change commitments from COP21 in Paris are real, and countries which have committed to achieve the emission reduction targets are now required to translate those commitments into practical reduction measures. At the forefront of leading these reduction measures is the oil and gas industry.

In Asia, this means the commitments are rolled down to NOCs whose governments are now expecting them to achieve a 35% reduction target while maintaining production and revenues.

What are the key opportunities available for the industry to exploit? Is flaring elimination and/or CCS at the centre of reduction strategies in the region? Or are there other technical options which will help make a real difference in meeting the challenges of global climate change specifically in this part of the world?

What else can the industry do to meet this challenge? The need to work hand-in-hand with governments, research bodies etc. to ensure innovation can be effectively leveraged in this campaign, is of paramount importance. What is being done in the region to ensure that such knowledge and developments are not siloed in any one company, national institute or government organisation? What collaborative efforts are being made with PSC partners which may have significant technical contributions to make in the region?

This panel session examines and shares various approaches being taken in the region to meet the emission reduction commitment and the challenges that go along with it.
PANEL SESSION 6: Asset Integrity and Process Safety
Wednesday, 5 April • 1400 – 1530 hours • Room 302-303, Level 3

Speakers:

Kevin Gan,
Principal, Asset Integrity and Digital Advisory,
Advisian

Voon Jye Yng,
Senior Partner,
Environmental Resources Management

Sulo Belawan,
Technical Head of Process Safety, Group HSE,
PETRONAS

Kamal Bahrin Ahmad,
CEO,
PETRONAS Penapisan (Melaka) Sdn. Bhd.

Moderator:
• Mark Cowan, Director, Advisian

Session Chairperson:
• Christie Leong, Partner, Environmental Resources Management

With digital technology evolving so rapidly, the oil and gas industry will soon become one of the commoditised industries. The principles of Process Safety Management (PSM) in preserving asset integrity will need to be reanalysed. Reflecting on the technologies from internet to cloud, and to data analytical skills, shouldn’t the oil and gas industry apply new approaches in optimising operating costs? Have we looked into the weighting factors of each of the PSM principle in managing asset integrity? Have we considered marrying cloud technology and data analytical skills into the PSM principle to refresh the oil and gas engineering approach? Are the previous audit and inspection reports telling us a story?

This panel session aims to share ‘Stepping Up in the New Norm’ ideas and approaches that can be put into priority when thinking aloud the ways to preserve asset integrity in meeting the relatively stringent industry requirements.
PANEL SESSION 7: Next Generation HSE – Building Human Capability and Sustaining Them During Challenging Times
Wednesday, 5 April • 1400 – 1530 hours • Room 305, Level 3

Speakers:

Azizin Zainuddin,  
Head of Capability, Group HSE,  
PETRONAS

Dato’ Rozano Saad,  
Head of Downstream Business Excellence,  
PETRONAS

Vincent Tourillon,  
Vice President HSE, Middle East/Asia,  
Schlumberger Oilfield Services

Elie Daher,  
Executive Vice President,  
United Safety

Moderator:  
• Yusop Sahari, Head, HSE Global Services, HSE Division, Development & Production,  
PETRONAS Carigali

Session Chairperson:  
• Sufyan Mohd Nor, Head, Process Safety Management, HSE Excellence, Downstream Business Excellence Division, PETRONAS

The oil and gas industry has been facing tremendous setbacks in their financial accounts and going negative in their balance sheets ever since the drop of Brent Crude Oil price in late 2014; pressuring the industry through 2015 until now to relook at their respective investment portfolios. Cutting capital expenditure and reducing operating expenditure is becoming a trend and that is the new norm as witnessed within the industry. Can the industry weather through this turmoil? Have human capability development programmes been halted or impacted, and how bad has the impact been?

The panel session will discover various views, thoughts and best practices that the industry has undertaken in dealing with the current turbulent and volatile times faced across the globe by answering these questions:
• Should we slow down our investment in building human capability in the aspect of Technical Leadership and HSE Leadership? Or which one can we put on hold?
• How are we going to continuously build our human capability and/or retain our efforts during these challenging times to help the industry prepare for the re-start of aggressive oil and gas activities?
• How can we institutionalise HSE capability building and HSE leadership; making them fundamental development programmes in the industry, and justify their existence?
PANEL SESSION 8: Sustainable Development and Social Responsibility – Is it Adding Value or Cost to the Business?
Wednesday, 5 April • 1600 – 1730 hours • Room 302-303, Level 3

Speakers:

Roman Novozhilov,
Senior Environmental and Social Specialist, Transaction Risk and Sustainability,
International Finance Corporation, World Bank Group

Miriam Winsten,
Global Director, Social Responsibility,
Schlumberger

Mohammad Berli,
Head, Sustainable Development & Societal Division, Total E&P Indonesia and
Sustainability Committee Chair, Indonesia Petroleum Association

Luc Zandvliet,
Director,
Triple R Alliance

Moderator:
• Azrina Abdullah, Head, Social Performance & Biodiversity, Sustainable Development
  Department, PETRONAS

Session Chairperson:
• Cynthia Ann Peterson, Head, Upstream Social Performance, PETRONAS

Social responsibility is one of the core components of sustainable development, and in Asia Pacific, it is moving beyond philanthropy to include the management of social risks.

Stakeholders continue to have expectations that the oil and gas industry will play its role in sustainable development through social investment, support for local content, and creating economic spin-offs while managing risks and impacts on communities. These expectations remain despite fluctuations in oil prices and reduced budgets, challenging operators to take a fresh approach to manage them.

What does being socially responsible really mean for the industry, and does it add tangible value to the business? Is being socially responsible more of a moral obligation and hence, a cost to be managed? Can sustainable development bring value to the business?

This panel will discuss case studies and lessons learnt in implementing sustainable development and social responsibility strategies, balancing business and social responsibility in the region, and key issues and challenges in implementation.
PANEL SESSION 9: Smart Partnerships - Collaboration between EPC, Partners, and Other Stakeholders for Improved Performance

Thursday, 6 April • 0900 – 1030 hours • Room 302-303, Level 3

Speakers:

Fabien Condemine,
Chief Executive Officer,
ACOEM

Jalal Abu Bakar,
Vice President, Commercial,
Mubadala Petroleum

Hazlan Bahar,
Head, Project Delivery (Upstream), Group Project Delivery,
Project Delivery & Technology,
PETRONAS

Samsudin Miskon,
Vice President, Group Procurement,
PETRONAS

Moderator/ Session Chairperson:
• Patrice Pischedda, Asia Pacific Director, ACOEM

In normal times, it is very difficult for subcontractors to contribute meaningfully to the design and construction process of facilities. It is even more the case when EPC employs specialist contractors who have to work along guidelines given by operators and have no possibility of having direct contact with operators or stakeholders to propose smarter or newer options to improve HSSE, while reducing cost of implementing innovative solutions.

In these difficult times that the industry is going through, it should aim for stakeholders, contractors and specialist contractors to not only pursue their self-interests but to come together and work collaboratively.

This panel session will discuss smart, qualitative and quantitative approaches, and how best to implement them to improve both performance and cost of HSSE in the oil and gas industry.
PANEL SESSION 10: Importance of Health to HSSE Management – The Significance of Managing Health to Achieve Generative Work Culture
Thursday, 6 April • 1100 – 1230 hours • Room 302-303, Level 3

Speakers:

Scott Levy,
Regional Medical Director, Asia Pacific Region,
Chevron

Rozhan Sharif Mohd Radzi,
Health Manager,
ExxonMobil Malaysia

Mohamed Amin Abdullah,
Head, Group HSE,
PETRONAS

Ungku Haslina Ungku Tahir,
Senior General Manager, Human Capital Management,
Group Human Resource Management,
PETRONAS

Moderators/Session Chairpersons:
• Kumarajothy Supramaniam, Head, Occupational Health, Group HSE, PETRONAS
• Halim Mohamed, Country Health Manager, Shell

Working in oil and gas operations presents a multitude of health challenges, and organisations need to proactively manage these challenges and risks to ensure a healthy, productive workforce. Health programmes in the workplace typically consist of management of fitness to work, fatigue, food and water safety, health surveillance, physical and mental wellness, medical emergency response and communicable diseases, amongst others. The approach in managing health programmes can vary from being content with regulatory compliance to comprehensive processes and programmes, and further, to inculcating a culture of health in the organisation. A generative work culture requires everyone’s input, starting from leaders at the top and cascading through the organisation to supervisors and employees.

In these challenging times with lower oil prices, budget reductions, restructuring and having to make do with less in general, how do we continue to proactively manage our health risks and implement health programmes? How do we prepare and respond to new and future challenges in health e.g. physical and mental wellness, fatigue, stress management, extreme remote locations and environments?

The emphasis of this panel session will be on strategies and/or case studies on health management during these challenging times, and on new health challenges specifically related to fatigue management, stress/resilience management, Employee Wellness, health risk management and others.