On behalf of the committee, it is my great pleasure and privilege to welcome everyone to the inaugural technology-based conference “Re-imagining Malaysia Assets” also known as RESET 2021. This initiative is hosted by PETRONAS Carigali Sdn. Bhd. and organised by Society of Petroleum Engineers (SPE Kuala Lumpur) in collaboration with Malaysian Oil & Gas Services Council (MOGSC) and Informa Markets.

In these trying times, as we are entering into an energy transition era, the Oil and Gas industry is becoming more volatile than ever. As such, it is timely for RESET 2021 to be launched as an effective platform to drive the adoption of technological solutions and new thought processes, ultimately to ensure the sustainability of the industry. It is imperative that Malaysia continues to highlight its potential in various sectors while keeping up to date with latest innovations and technologies to assert its position, not just as a strong oil and gas nation and leader, but also a leading figure in innovation within the ASEAN region.

Over the course of four days, RESET is proud to bring high-level strategic conference content with an extensive lineup of speakers across industries to highlight technological breakthroughs and valuable learnings. RESET is committed to driving this event and providing a global platform where industry leaders can come together to discuss shared solutions to common challenges, during this period of reduced mobility.

I look forward to this gathering of thought innovators and industry players for the further advancement of the O&G Community.

BACHO PILONG
Vice President, Malaysia Asset & CEO, PETRONAS Carigali Sdn. Bhd.
It’s a wrap for RESET 2021!

It has been a great 4-days event filled with lots of knowledge sharing sessions and insights by the oil & gas industry professionals. The global energy perspective through technology and innovation effort views on how the energy transition can unfold throughout the sharing sessions at RESET.

The current economic environment and subdued oil & gas activity levels require radical changes and non-traditional thinking in embracing resilience to navigate through the storm. RESET has been an impactful initiative to the industry and we look forward to the next edition!

Top 10 Participating Countries

BRUNEI  CANADA  INDIA  INDONESIA  IRAN  MALAYSIA  PAKISTAN  SINGAPORE  UAE  UNITED KINGDOM  USA

Session Highlights

Global leaders from PETRONAS, PTT EXPLORATION AND PRODUCTION, PERTAMINA INTERNASIONAL EP, SERBA DINAMIK, EXXONMOBIL, RYSTAD ENERGY, and many more took part in RESET 2021. This virtual event provided insights about the major trends that will drive change and transformation within the oil and gas industry, setting a new dimension for the advanced technology effort.

Executive Panel Session #1
Resetting the Upstream Operating Model in Malaysia

Executive Panel Session #2
Resetting The Scene (Transforming Mindset, Processes & Innovation)

Presidential Plenary #1
Thriving in the Lower for Longer Era

Presidential Plenary #2
Thriving in the Lower for Longer Era

Industry Dialogue
Efforts in Addressing Industry Pain Points
# Programme

**Official Opening**

**0900 - 1000**

| Welcoming Remarks & Context Setting | Bacho Pilong  
VP Malaysia Assets & CEO  
PETRONAS Carigali Sdn. Bhd. |
|-----------------------------------|--------------------------------------------------|
| Keynote Address                   | Adif Zulkifli  
Executive Vice President & CEO,  
Upstream, PETRONAS |

**Executive Panel Session #1**

**1015 - 1215**

**Resetting the Upstream Operating Model in Malaysia**

At this challenging time facing the industry, disruption is inevitable. The prolonged depressed economic environment and subdued oil and gas activity levels require radical changes and non-traditional thinking in embracing resilience to navigate through the storm.

The current climate due to COVID-19 in Malaysia and the region has had significant impact on investments of new developments and affected the much-needed recovery of the industry post-recession of 2015. Resetting (i.e., Reimagining the Malaysia Asset or Operation) of the way in which industry patrons conduct their operation requires innovative and breakthrough solutions.

Focus shifting is required to maximise value creation from existing and new investments via innovation and technologies which bring new lifelines to the industry to continue to provide affordable energy to the people. Learning from other industry practices can be adopted to improve the health level of the industry while meeting the demanding current and future requirements in consideration of the environment and the society with sustainability of the ecosystem.

The industry needs intense collaboration among operators, contractors, frontier leaders of other industries, and government officials towards further developing technologies and working methods to responsibly stretch economic returns that have never been seen before. Innovative development in enabling technologies, advancement of practices, data driven solutions, operational synergies, and non-traditional processes and business models will continue to evolve to adapt to the environment and elevate the industry to new levels of resilience. Particularly, shaping of human capital and re-tooling will be pivotal in transforming the current workforce to be able to make the Malaysia upstream sector resilient.

This session decoded various aspects of the current climate the industry is facing, its potential impact to the industry, and our ability as an industry to embrace the future and elevate sustainability of the ecosystem with new levels of resilience through innovation and technology.

| Moderator | Mohd Zamri Abd Ghani  
Head (JV Malaysia-Sector 2)  
PETRONAS Carigali Sdn. Bhd. |
|-----------|------------------------------------------------------------------|
| Panellists | Hafiz Azzad Zubir  
Head (Operational Excellence), CoE  
Upstream PETRONAS  
Ts. Sharifah Zaida Nurlisha  
President  
Malaysian Oil & Gas Services Council (MOGSC)  
Edward Graham  
President  
ExxonMobil Exploration & Production Malaysia Inc.  
Dato' Dr. Ir. Ts. Mohd Abdul Karim Abdullah  
Group Managing Director/CEO  
Serba Dinamik Holdings Berhad |

**1400 - 1500**

**Crystal Ball Session**

| Moderator | Eadie Azahar  
Head (Flow Assurance)  
COE, PETRONAS |
|-----------|--------------------------------------------------|
| Panellists | Jane Lee  
Principal (Upstream)  
Strategic Research Corporate Strategy  
PETRONAS  
Prateek Pandey  
Vice President  
Upstream Research, RYSTAD Energy |
With low crude prices as the new normal, the oil and gas industry must use digitalisation to reduce full lifecycle cost and boost profitability. Digitalisation includes key technologies such as Industrial Internet of Things (IIoT), Cloud Computing, Augmented Reality, 3D Printing, Mobility Solutions, Big Data Analytics and more. Either alone or stacked together as wider reaching solutions, digitalisation offers the potential of strategic transformation of management, operations and business models.

Various solution providers have begun sharing the transformational power of technology through adoption of digital technologies and integrated data flows into our industry.

These sessions discussed on solutions and opinions on the opportunities, latest technologies and challenges within the industry. Case studies and examples regarding the use of digitalisation in the oil and gas industry would further allow RESET conference participants to realise opportunities here in Malaysia, the region and globally.

### Room 1: Predictive Maintenance and Process Optimization

| Moderator | Rosmawati Abdul Rahman  
Sr. Reservoir Engineer |
|---|---|
| Speakers | Topic: Automated AI – Unlocking Cost Savings Across The Asset Management Value Chain  
Trevor Bloch  
Group CEO & Founder  
VROC |
| | Topic: Cyber Secured Plant-Wide Condition Monitoring Solutions To Help Customers On Predictive Maintenance And Digital Transformation Journey  
Hor KH  
Asia Pacific VP  
Bently Nevada, Baker Hughes Company |
| | Topic: Predictive Digital Twins For Offshore Structures’ Life Extension Through Degradation Modelling  
Dr. Feroz Sultan  
Principal Scientist  
PETRONAS |
| | Topic: Managing Pipeline Dynamic Freespan Through Predictive Analytic Approach  
Khairol Hazman Abdul Karim  
Staff Pipeline (Integrity)  
PETRONAS Group Technical Solution |
| | Topic: Predictive Analytics driving Asset Performance Management 4.0 – Improving Reliability, Safety & Efficiency  
Arvin Singh  
Global APM Business Leader  
AVEVA |

### Room 2: Cloud Computing & Big Data (Digital Oilfield)

| Moderator | Juarez Salih Lowe  
CEO  
Bumi Data Mining |
|---|---|
| Speakers | Topic: Using Custom Designed 3D Visualisation Technology To Extend Digital Oil Fields Framework Into A Digital Twin Application  
Zamir Rashid  
Managing Director  
Innoveam Sdn. Bhd. |
| | Topic: Data Streaming & Machine Learning Orchestration  
Muhammad Haziq Faris Hasnol  
CEO  
Reka Inisiatif Sdn Bhd |
| | Topic: Cost Effective Production Chemical Program Management Using Big Data  
Dr. Lee Howard  
Digital Execution Director  
Baker Hughes |
| | Topic: Internet of Intelligent Things: Improving Productivity and Sustainability  
Debashis Gupta  
Business Manager  
AGORA, Schlumberger |
Room 3: Prototype Technologies

**Moderator**

Izwan Shahmin  
Head (PE-SB, Cluster 2) RDM  
MPM, PETRONAS

**Speakers**

**Izwan Shahmin**  
Head (PE-SB, Cluster 2) RDM  
MPM, PETRONAS  
**Topic:** Predictive Analytics using Fiber Optics for Pipeline Leak Detection & Abnormal Event Management

**Sashi Gunturu**  
Founder & CEO  
Petrabytes Corp  
**Topic:** Artificial Intelligence Stuck Pipe Prediction Application (MYGALI)

**Ts. Sukor Zainal Abiddin**  
PTech, MiMarEST, Executive Director  
EFTECH Drilling Solutions  
**Topic:** Understanding Vibration Through Motion Amplification

**Ir. Ts. Dr. Fadhlan Hafizhelmi Kamaru Zaman**  
CEng, Technical Advisor  
EFTECH Drilling Solutions  
**Topic:** Analytics Driven Flow Assurance

**Chris Smith**  
Production Assurance Manager  
Xodus Group  
**Topic:** Digital Field Service Representatives (FSR) – The Concept of Remote Mentoring

**Farah Iskandar**  
Business Development Manager  
EFTECH Drilling Solutions  
**Room 3: Prototype Technologies**

**Topic:** Understanding Vibration Through Motion Amplification  
**Ir. Ts. Syed M Afdhal**  
Principal Engineer (Rotating Machinery)  
PETRONAS

**Topic:** Artificial Intelligence Stuck Pipe Prediction Application (MYGALI)  
**Ts. Sukor Zainal Abiddin**  
PTech, MiMarEST, Executive Director  
EFTECH Drilling Solutions

**Topic:** Analytics Driven Flow Assurance  
**Chris Smith**  
Production Assurance Manager  
Xodus Group

**Topic:** Digital Field Service Representatives (FSR) – The Concept of Remote Mentoring  
**Sundralingam Muthanandan**  
Principal (Rotating)  
PETRONAS

**RESET Talk #1**

1500 - 1700  Technology & Innovation – Digitalisation
**Innovation - People and Process**

**Moderator**

Mohd Zamri Abd Ghani  
Head (JV Malaysia-Sector 2)  
PETRONAS Carigali Sdn. Bhd.

**Panellists**

Tan Sri Dr. Tony Fernandes  
Group CEO  
AirAsia Berhad

Farehana Hanapiah  
Vice President, Group HRM  
PETRONAS

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**Executive Panel Session #2**

**Reseting The Scene (Transforming Mindset, Processes & Innovation)**

**Moderator**

Mohamad Abu Bakar  
Head (RDM-Sabah)  
Malaysia Petroleum Management  
PETRONAS

**Panellists**

Samsudin Miskon  
Senior Vice President  
Project Delivery & Technology  
PETRONAS

Mohsin Al Hadhrami  
Managing Director East Asia,  
Schlumberger

Dr. Ariffin Yahaya  
Founder & Technology Strategist  
Acquro Sdn. Bhd.

Aiza Azreen Ahmad  
Chief Digital Business Officer  
Malaysia Digital Economy Corporation (MDEC)

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This session focused on field lifecycle cost reduction, operational excellence, adoption and innovation of new ways of working, edge technology maturation and execution, non-traditional collaboration, conceptual technology and methodology, ongoing research works and replication from other industries, etc.

This session focused on field lifecycle cost: “What does it take for the industry to be successful in terms of the transformational efforts?” The panellists will share ongoing initiatives on approaches, best practices and lessons learned that have been experienced throughout the transformative journey moving forward. Among topics discussed are:

- Enabling Technology & Innovation
- End-to-end technology
- Molecule to customer
- Agile operation at low cost

Sponsored by: Fueltrax
The oil and gas industry is behind in adopting technology. The current demanding operating environment has increased the pace of adapting to new technological solutions to keep ahead of the curve. This session depicts discussions on technologies, both hardware and methodological solutions, that can be applied to bring radical change in upstream operations to stay ahead in the current challenging climate. It will comprise invention and technological solutions in driving the value from asset throughout field lifecycle. Industry players from various backgrounds shared their latest solutions that provides significant value and advancement of practices in the O&G upstream sector.

This session uncovered latest developments in Remote Operations, Hydrocarbon Recovery & Production, Facilities of Future and Sustainable Development.

**Room 1: Remote Operations & FoF**

**Moderator**
- **Zahris Sham Abu Musa**
  - Global Account Director
  - Schlumberger

**Speakers**
- **Ir. Dzulkarnain Azaman**
  - Head of Production Planning & Terminals
  - Peninsular Malaysia Asset
  - PETRONAS
  - **Topic:** Operational Excellence Through Creation of Digital Twin Asset
- **Muhamad Norfazli Muhamad Amin**
  - Application Specialist
  - Info-Trax Sdn Bhd
  - **Topic:** Integrated Flow Assurance Package For Remote Monitoring
- **Alex Mackie**
  - Lead Project Engineer
  - SMS Sand Management Services Sdn Bhd
  - **Topic:** Stepping Out From Comfort Zone Of Attended Facilities Operating Philosophy
- **M Rizal Mengan**
  - Principle Front End Engineer
  - PETRONAS
- **Nadirah Khairul Anuar**
  - Staff Front End Engineer
  - PETRONAS

**Room 2: Hydrocarbon Recovery**

**Moderator**
- **Jerry Mayall**
  - Snr Production/Project Engineer
  - McDermott Middle East

**Speakers**
- **Osman Zainal Abidin**
  - Sr. Production Technologist
  - Vestigo Petroleum
  - **Topic:** Innovation and Technology Replication for Marginal Fields:
  - 7 years Experience in Malaysia Marginal Field Hydrocarbon Recovery
- **Mohammad Zafir Gazali**
  - Sr. Front End Engineer
  - Vestigo Petroleum
- **Ikmal Hakim Ghazali**
  - Sr. Completions Engineer
  - Vestigo Petroleum
- **Suhaimi Mat Ghani**
  - Sr. Manager - Engineering
  - Vestigo Petroleum
  - **Topic:** Re-Imagining Malaysian Assets Through Biotechnology
  - **Christopher Venske**
  - Engineering & Technical Sales Manager
  - Organic Oil Recovery
  - **Topic:** Quantum Dot Technology: Novel Approach to Well and Reservoir Production Surveillance
  - **Osman Zainal Abidin**
  - Technical Director
  - Geosplit
  - **Topic:** Offshore Flare & Stranded Gas Capture & Monetization
  - **See Chin Kiat**
  - Chief Technology Officer
  - NGL Tech
## Room 3: Production Operation

### Moderator
- Aina Jais  
  Reservoir Engineer  
  ExxonMobil

### Speakers
- **Topic: Self-Propelling ILI Solutions For Ventlines/Low Flow Pipeline**  
  Mohamed Ali Abdullah  
  Staff Pipeline Integrity  
  PETRONAS Group Technical Solutions

- **Topic: Taking Well Construction Beyond Automation And Into Autonomy**  
  Nurfitrah Mat Noh  
  Digital Drilling Business Development Manager  
  Schlumberger

- **Topic: High Throughput Experimentation at Clariant - Using High-Throughput Experimentation Develops Effective Pour Point Depressant Technologies**  
  Abdullah Azizi Adnan  
  Country Technical Manager - Malaysia  
  Clariant Oil Services Sdn Bhd

- **Topic: Vessel Fuel Management System (VFMS) – Reducing Costs and Increasing Efficiencies for Upstream Operators**  
  John Donovan  
  VP Global Operations  
  Fueltrax

- **Topic: Remote Operation: Squeezing Offshore Oil and Gas from Onshore**  
  Ts. Mohamad Farizal Mohamad Nor Azli  
  Staff Engineer (Upstream Operation)  
  PETRONAS Carigali Sdn Bhd

- **Topic: Artificial Intelligence Based High GOR Well Control And Optimization**  
  Dr. Sai Ravindra Panuganti  
  Staff Production Chemistry  
  PETRONAS

- **Topic: Novel Matrix Acid Stimulation Technology**  
  Fraser Smith  
  Lead Technical Sales Engineer  
  StimStixx Technologies / Neural Oilfield Service

- **Topic: World’s Slimmest And First Retrievable Heat Tracing System To Address Complex Flow Assurance Issues In Wells**  
  Kumanan Sanmugam  
  Assistant Manager - Operations  
  Reservoir Link Solution Sdn Bhd

- **Topic: World’s Slimmest And First Retrievable Heat Tracing System To Address Complex Flow Assurance Issues In Wells**  
  Mohamed Rezal Supeni  
  Operation Engineer  
  Reservoir Link Solution Sdn Bhd

## Room 4: Operation Excellence

### Moderator
- Eadie Azhar Rosland  
  Head (Flow Assurance), Petroleum Engineering, CoE  
  PETRONAS

### Speakers
- **Topic: Taking Well Construction Beyond Automation And Into Autonomy**  
  Nurfitrah Mat Noh  
  Digital Drilling Business Development Manager  
  Schlumberger

- **Topic: High Throughput Experimentation at Clariant – Using High-Throughput Experimentation Develops Effective Pour Point Depressant Technologies**  
  Abdullah Azizi Adnan  
  Country Technical Manager - Malaysia  
  Clariant Oil Services Sdn Bhd

- **Topic: Vessel Fuel Management System (VFMS) – Reducing Costs and Increasing Efficiencies for Upstream Operators**  
  John Donovan  
  VP Global Operations  
  Fueltrax

- **Topic: Remote Operation: Squeezing Offshore Oil and Gas from Onshore**  
  Ts. Mohamad Farizal Mohamad Nor Azli  
  Staff Engineer (Upstream Operation)  
  PETRONAS Carigali Sdn Bhd

- **Topic: Ensuring Optimum Production with NOVA Suite**  
  Ir. Rafil Elyas  
  Principal Engineer  
  East One-Zero-One Sdn Bhd

- **Topic: Real-Time Sensing Of Naturally Occurring Radioactive Materials In Oil And Gas Waste Stream Residues**  
  David Andrew Bradley  
  Alpyz Sdn Bhd

- **Topic: Artificial Intelligence Based High GOR Well Control And Optimization**  
  Dr. Sai Ravindra Panuganti  
  Staff Production Chemistry  
  PETRONAS

- **Topic: Novel Matrix Acid Stimulation Technology**  
  Fraser Smith  
  Lead Technical Sales Engineer  
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  Kumanan Sanmugam  
  Assistant Manager - Operations  
  Reservoir Link Solution Sdn Bhd

- **Topic: World’s Slimmest And First Retrievable Heat Tracing System To Address Complex Flow Assurance Issues In Wells**  
  Mohamed Rezal Supeni  
  Operation Engineer  
  Reservoir Link Solution Sdn Bhd

## Room 5: Process & Asset Integrity

### Moderator
- Sathish Kumar Batumalai  
  Director, Sales Asia Pacific  
  Archerwell

### Speakers
- **Topic: Ensuring Optimum Production with NOVA Suite**  
  Ir. Rafil Elyas  
  Principal Engineer  
  East One-Zero-One Sdn Bhd

- **Topic: Real-Time Sensing Of Naturally Occurring Radioactive Materials In Oil And Gas Waste Stream Residues**  
  David Andrew Bradley  
  Alpyz Sdn Bhd

- **Topic: Artificial Intelligence Based High GOR Well Control And Optimization**  
  Dr. Sai Ravindra Panuganti  
  Staff Production Chemistry  
  PETRONAS

- **Topic: Novel Matrix Acid Stimulation Technology**  
  Fraser Smith  
  Lead Technical Sales Engineer  
  StimStixx Technologies / Neural Oilfield Service

- **Topic: World’s Slimmest And First Retrievable Heat Tracing System To Address Complex Flow Assurance Issues In Wells**  
  Kumanan Sanmugam  
  Assistant Manager - Operations  
  Reservoir Link Solution Sdn Bhd

- **Topic: World’s Slimmest And First Retrievable Heat Tracing System To Address Complex Flow Assurance Issues In Wells**  
  Mohamed Rezal Supeni  
  Operation Engineer  
  Reservoir Link Solution Sdn Bhd

- **Topic: Well Integrity Management Through Accurate Downhole Flow, Leak and Sand Diagnostic**  
  Zaiyinul Ain Zainal Rafit  
  Sr. Technical Sales Engineer  
  ARCHER
Room 6: Sustainable Development

Moderator

Ts. Anwarudin Saidu Mohamed
Chief Technology Officer
Reservoir Link Energy Bhd

Speakers

Ir. Arul Jothy
Managing Director
NGL Tech Sdn Bhd

Topic: Low Temperature Flue Gas GHG Elimination

Andrew Phipps-Jones
BD Manager
Comprimo

Frands Jensen
BD Manager
Haldor Topsoe

Thirupathi Rao
Head of Climate Change
PETRONAS

Dr. Feroz Sultan
Principal Scientist
PETRONAS

Topic: Topclaus A Gamechanger In The Industry

Topic: Produced Water Treatment at Nano-Scale

Topic: PETRONAS Net Zero Carbon Emissions (NZCE) Aspiration 2050

RESET Talk #2 (Session 2)

Technology & Innovation - DNA for Resilience & Competitiveness

TUESDAY, 6 APRIL 2021

1500 - 1700
The oil and gas industry is foreseeing the lower for longer era and the need to thrive within this context to emerge stronger and more resilient. As the industry weathers through unprecedented challenges, uncertainties and volatility compounded with compressed margins and compromised economic return, it is presented with risks and opportunities. Addressing these challenges requires a paradigm shift in operating model, significant transformation and new sustainable practices to ensure the Malaysia upstream sector can continue to be a vital component of the energy industry for the foreseeable future. Emerging technologies and inventions can address these challenges to thrive in the lower for longer era. The industry's ability to drive operational excellence, increase efficiency and improve practices and be ready to embrace a paradigm shift in approach will determine our very existence and future. This session covered key ingredients of the transformation such as shaping to reach new levels of resilience in the new norm, innovation or out-of-the-box thinking, margin mindset and customer focus.

The industry should be in a partnership role to solve business challenges and improve its resilience using jointly developed solutions while sharing the risks and addressing uncertainties.

This session discussed why an enterprise and the industry should focus on attaining new levels of resilience and the end goal of such transformation. It also depicts how the industry can thrive in the lower for longer era based on best practices demonstrated by various organisations.

**Moderator**

Ts. Anwarudin Saidu Mohamed  
Chief Technology Officer  
Reservoir Link Energy Bhd

**Panellists**

Bacho Pilong  
VP Malaysia Assets & CEO  
PETRONAS Carigali Sdn. Bhd.

John Anis  
President Director  
PTM Internasional EP

Montri Rawanchaikul  
President  
PTT Exploration and Production

Dato' Kamarul Redzuan Muhamed  
Managing Director & CEO  
UZMA Bhd.
As the industry is faced with challenges such as highly volatile crude prices, increasingly stringent environmental regulations and shifting market dynamics, innovation in business strategy is central in responding to these challenges to stay relevant.

This session showcased business innovation in successfully navigating the crisis through efforts such as innovative procurement, rethinking warehousing, resource sharing, uberisation of manpower and logistics, cost compression or pivoting to new business models, ideally with similar core competencies.

Business innovation can be powered by technology, but at its heart, adapting to challenges requires leadership will and a corporate culture willing to change. This session also encourages viewpoints from various industry leaders in the effort to infuse innovation by demonstrating corporate adaptation and change management. Solutions covering the oil and gas sector and other industries were covered in this session.

Room 1: Process & Operation Innovation Resource Sharing and Uberisation

Moderator
Juarez Salih Lowe
CEO
Bumi Data Mining

Speakers
Juarez Salih Lowe
CEO Bumi Data Mining

Ts. Syed Mohd Azinuddin Syed Azmi
Executive PD & T
PETRONAS

Dr Kumud Jha
Managing Director
Accenture

Banuprevathy Panjateharam
Director of Geology & Software Development
ALECA

Room 2: Revenue Model Innovation Cost Compression, Rethinking Warehouse

Moderator
Rosmawati Abdul Rahman
Sr. Reservoir Engineer

Speakers
Rosmawati Abdul Rahman
Sr. Reservoir Engineer

Vadim Kuznetsova
Sr. International Sales Manager
Ctrl2Go

Norhazrin Azmi
Manager, Front End Engineering
PETRONAS

Prabagar Murukesavan
Sr. Front End/Cost Engineer
PETRONAS

Syakira Saadon
Sr. Front End Engineer
PETRONAS

Serge Jean
Managing Director
ALECA

Remon Romp
Project Manager
SPT Offshore
**1100 - 1300**  
**Business Innovation**

**Room 3: Innovation Culture Adaptation**

**Moderator**  
Zahris Sham Abu Musa  
Global Account Director  
Schlumberger

**Speakers**

- **Topic:** Platform Based Underwater Inspection Utilising Mini ROV  
  Syed Mazhar Syed Bakar  
  GM Subsea Division  
  Tanjung Offshore Services Sdn Bhd - T7 Subsea

- **Topic:** The Virus gives us a RESET button to get even with those ahead, a level “playing field” in business. Lessons from Jackie Chan’s “Who Am I?”  
  Lt. Colonel (CD) Frank Tan  
  Principal Consultant  
  In-Source Options Sdn Bhd

**1500 - 1700**  
**Aspiring Graduates & Student Engagement Session**

**Moderator**  
Fatin Fariha  
Geo Scientist  
Schlumberger

**Panellists**

- **Bacho Pilong**  
  VP Malaysia Assets & CEO  
  PETRONAS Carigali Sdn. Bhd.

- **Haziq Yazid**  
  Reservoir Engineer  
  Exxonmobil

- **Ts. Sharifah Zaida Nurlisha**  
  President  
  Malaysian Oil & Gas Services Council (MOGSC)
## Plenary #2

### Margin Mindset

2020 was a challenging year to the industry and it is imperative to navigate the challenges of today and emerge stronger. Organisations are focusing on stabilising the business and naturally by cutting costs. In the lower for longer environment, it is equally important to employ strategic actions for the longer term by inculcating margin mindset.

This session addressed the important question of how to inculcate margin mindset in the entire ecosystem. Among the topics discussed were:

- Exploring new areas with new customer segments and market
- Establishing non-traditional partnerships
- Unleashing new value creation through digitalisation
- Repositioning based on market shift and trending
- Cheaper and cleaner technology

### Panellists

**Moderator**
- **Zahris Sham Abu Musa**  
  Global Account Director  
  Schlumberger

**Panellists**
- **Chen Kah Seong**  
  Vice President, CoE  
  Upstream PETRONAS
- **Azul Osman Rani**  
  Managing Director/CEO  
  PETRONAS Dagangan Berhad
- **Ronald Gunawan**  
  Director & COO  
  MedcoEnergi
- **Keith Collins**  
  Managing Director  
  Upstream O&G  
  Dialog Group Berhad

## Industry Dialogue

### Efforts in Addressing Industry Pain Points

The current climate in the oil and gas industry has caused both domestic and international players to face unprecedented challenges – the pain points associated with this era are requiring players to shift existing philosophy in adapting to lower for longer and embracing the disruptions while innovating for survival and growth.

This session highlights, appreciates while adding a human touch in addressing the pain points by way of an interactive and moderated dialogue.

The pain points below were addressed during this dialogue session.

- Manpower Issues: requirement to reduce/resize/re-tool/re-skill the workforce, challenges faced by the workforce going through the transformation and displacement.
- Technology and Innovation: finding and investing in the right solutions to inculcate margin mindset, defending the profitability and sustainability of the businesses, and positioning to embrace the future of the energy industry.
- Digitalisation: effective use of data to empower the organisation to make effective decisions, improve efficiency and create a leaner business model.
- Funding and Investment: to find innovative investment model to subscribe to the market to continue making progress.
- Transformation: resistance and challenges associated with transformation in terms of people, process and practices.
- Domestic Ecosystem: a special focus on resilience of domestic ecosystem to continue to support the industry to progress into the future.

### Panellists

**Moderator**
- **Juarez Salih Lowe**  
  CEO  
  Bumi Data Mining Sdn Bhd

**Panellists**
- **Noor Ilias Mohd Idris**  
  Vice President, Group Project Delivery  
  PD&T, PETRONAS
- **Aidil Shabudin**  
  Sr. General Manager  
  Resource Development Management, MPM, PETRONAS
- **Ts. Ir Megat Zariman Abdul Rahim**  
  VP/Director  
  OMS, Bumi Armada
- **Mohd Yazid Ja'afar**  
  CEO  
  Malaysia Petroleum Resources Corporation (MPRC)
RESET 2021 PANELLISTS

Adif Zulkifli  
Executive Vice President & CEO Upstream PETRONAS

Bacho Pilong  

Hafiz Azzad Zubir  
Head (Operational Excellence), CoE Upstream PETRONAS

Dato' Dr. Ir. Ts. Mohd Abdul Karim Abdullah  
Group Managing Director/CEO Serba Dinamik Holdings Berhad

Ts. Sharifah Zaida Nurlisha  
President Malaysian Oil & Gas Services Council (MOGSC)

Edward Graham  
President ExxonMobil Exploration & Production Malaysia Inc.

Jane Lee  
Principal (Upstream) Strategic Research Corporate Strategy PETRONAS

Prateek Pandey  
Vice President Upstream Research RYSTAD Energy

Tan Sri Dr. Tony Fernandes  
Group CEO AirAsia Berhad

Farehana Hanapiah  
Vice President, Group HRM PETRONAS

Samsudin Miskon  
Senior Vice President Project Delivery & Technology PETRONAS

Mohsin Al Hadhrami  
Managing Director East Asia Schlumberger
Montri Rawanchaikul
President
PTT Exploration and Production

Dato’ Kamarul Redzuan Muhammed
Managing Director & CEO
UZMA Bhd

Azrul Osman Rani
Managing Director/CEO
PETRONAS Dagangan Berhad

Ronald Gunawan
Director & COO
MedcoEnergy

John Anis
President Director
PETRAMINA Internasional EP

Chen Kah Seong
Vice President, CoE
Upstream PETRONAS

Keith Collins
Managing Director, Upstream O&G
Dialog Group Berhad

Noor Ilias Mohd Idris
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