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# MALAYSIAN ENGINEERS BOLEH

Presented by:

**Dato' Ir. Dr. Dennis Ganendra**

**Chief Executive Officer of Minconsult Sdn Bhd**



Session:  
Time: 2 PM  
Date: 23<sup>rd</sup> August 2023



MATRADE Hall,  
MATRADE Exhibition & Convention Centre



# CONTENT

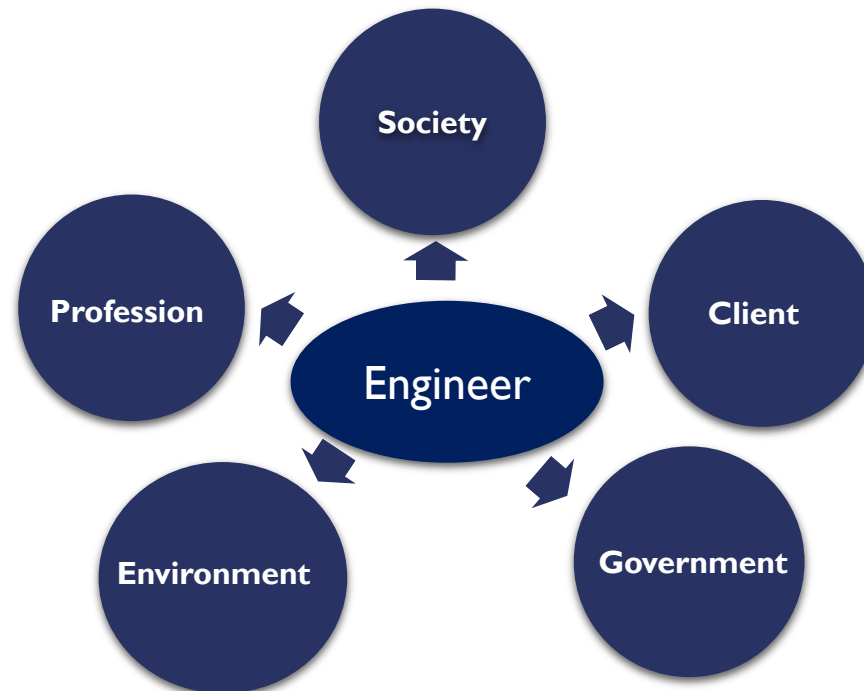
- 1. Enhancing Value of Engineering Profession**
- 2. Export of Malaysian Engineering Services**
- 3. Way forward**



# I. ENHANCING VALUE – GOOD GOVERNANCE, GREAT ENGINEERING MORE THAN PREVENTION OF CORRUPT PRACTICES

Engineers Have A Pivotal Role In Civil Society and Have A Greater Responsibility

## Engineer's Governance Framework



# MINCONSULT'S COMMITMENT TO GOVERNANCE



**2008**

First ASEAN Engineering Consultancy to Sign MOU with Transparency International

**2011**

Corporate Integrity Pledge

**2018**

Corruption Free Pledge

**2019**

IT Policy

**2020**

- I. Gift & Entertainment Policy
- II. Whistleblowing Policy
- III. Integrity Policy & Code of Conduct



# 2. ENHANCING VALUE – FOCUS ON SUSTAINABILITY

GOOD BUSINESS DOING GOOD



This commitment to **reduce our carbon footprint** includes the following strategies and categories:



**SBTI - Climate Change Pledge 2022**  
The first company in the construction sector in the **ASEAN** region.



**Energy Efficiency**



**Zero Waste Programme**



**Green CSR**



# MINCONSULT SUSTAINABILITY TOOLBOX (MIST)



## Aligned with SDGs

Each Principle and its Activity Description is aligned to **SDG Indices (quantitative and qualitative)**.



## GHG Emissions

**GHG emissions** (where possible) or other economic measures.

## Cost-benefit Analysis

**Cost-benefit analysis** associated with SDG measures - the financial and economic viability (where possible).



# MIST - OUTPUT & OUTCOME



## OUTPUT

- ✓ Detailed Checklist covering **8 principal elements** of a project aligned to the SDGs.
- ✓ A Sustainability Report covering initial, mid-term and closure.

## OUTCOME

- ✓ Enable companies to fulfil their Sustainability Requirements/ Objectives
- ✓ The Sustainability Report supports companies' corporate reporting requirements.





# MINCONSULT SUSTAINABLE PROJECTS

The company adopts sustainable practices through **Minconsult Sustainability Tool (MiST)**



## **Kuching Urban Transportation System (KUTS)**

World's first hydrogen-powered FCEV autonomous rapid transit



## **Kg Valdor Animal Waste Biogas Plant**

Largest Animal Waste Treatment Plant in Peninsular Malaysia



## **Petronas New Leadership Campus**

One of the Lowest BEI Buildings in the Country – LEED & GBI Platinum Rating



## **5.28 MWp Solar PV Project at MASKargo KLIA**

Largest Retrofit PV Rooftop Project on Commissioning





# 3.ENHANCING VALUE – COMMITMENT TO HUMAN RIGHTS



ONE OF THE **FIRST COMPANIES IN MALAYSIA**  
TO ADOPT **MUTUAL RESPECT POLICY** IN 2017



UN Declaration  
Of Human Rights



Valuing diversity  
and inclusion



Creating an environment  
free from discrimination  
and harassment

# MINCONSULT INTERNATIONAL EXPERIENCE



**27 COUNTRIES –  
FIVE CONTINENTS**

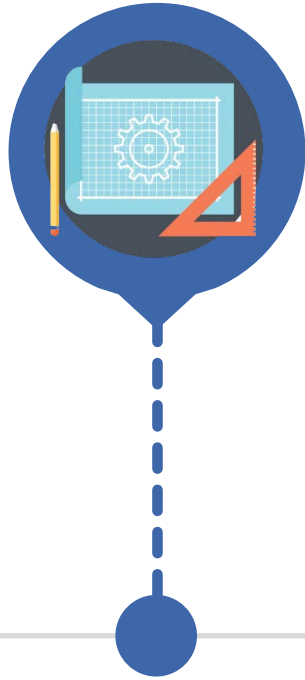


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# DIVERSE SCOPE



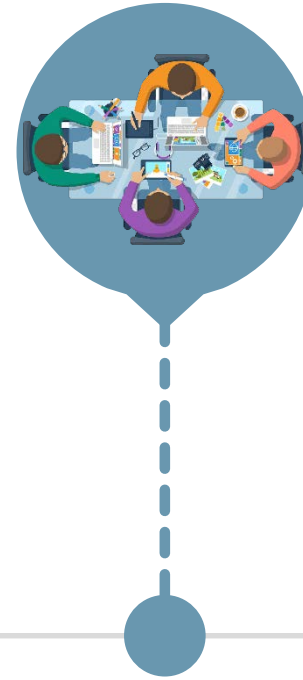
**Feasibility  
Studies**



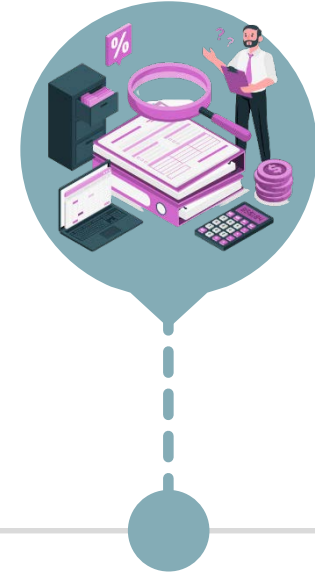
**Detailed Design**



**Construction  
Supervision**



**Project  
Management**



**Audit**





# DIVERSE SECTORS



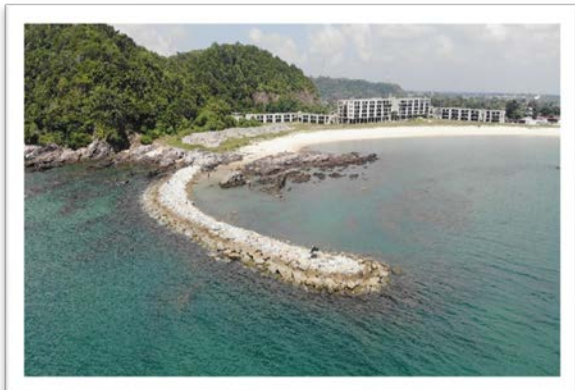
Power Plant



Highway



Sewerage



Water



Transmission Lines



Port



Airport





# INTERNATIONAL PIONEERING SPIRIT



Tutong – 1st Combined Cycle Power Plant  
in Brunei



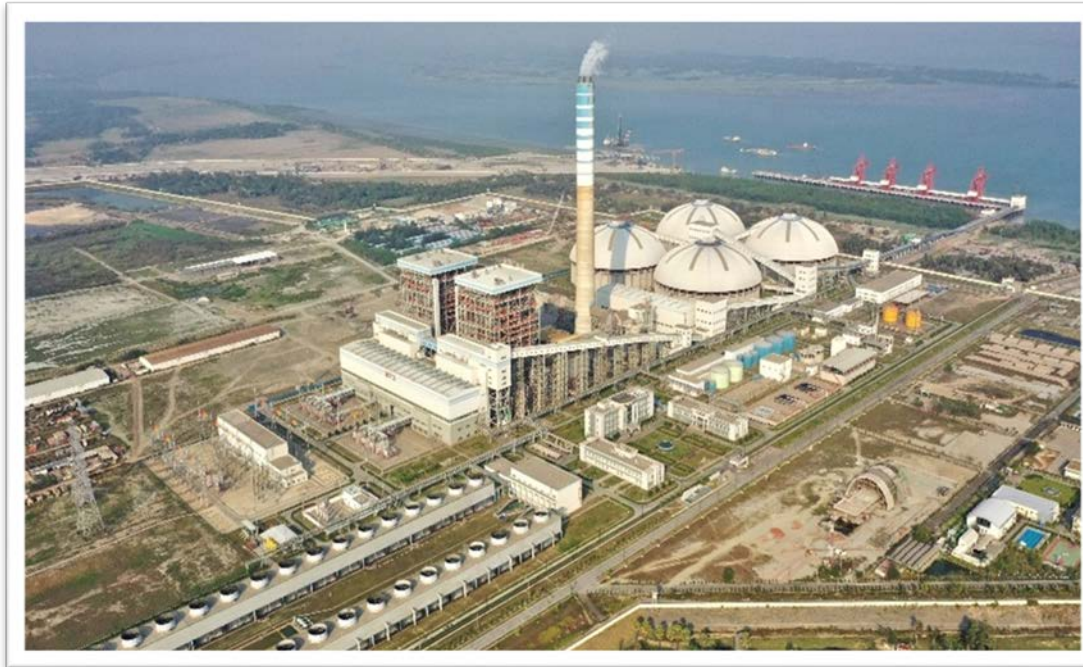
Phnom Penh To Sihanoukville Expressway  
Project – 1st Expressway and Highway  
Concession in Cambodia



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# INTERNATIONAL PIONEERING SPIRIT



Payra - 1st Ultra Super critical coal Fired Power plant in Bangladesh



Highest Financial Performing ASEAN Consultant for ADB Projects in 2016-2020





# CONSIDERATION WHEN GOING OVERSEAS



- Reasons For Undertaking Overseas Assignment
- Understand The Target Market
- Understand The Project
- Establishing Local Partners / Relationships
- Willingness Of The Staff To Go Overseas



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# WAY FORWARD 1.0 – DEVELOP CONSTRUCTION PROFESSIONAL SERVICES MASTER PLAN (CPSMP)



Led by CIDB Consisting of:



- Vision and Mission
- Strategic plans
- Realistic KPIs



Include

- Collate / compile statistics, reports and database on PSPs.
- Identify the capacity and competitiveness of PSPs to meet the challenges in export services.
- Develop strategies for export of services.



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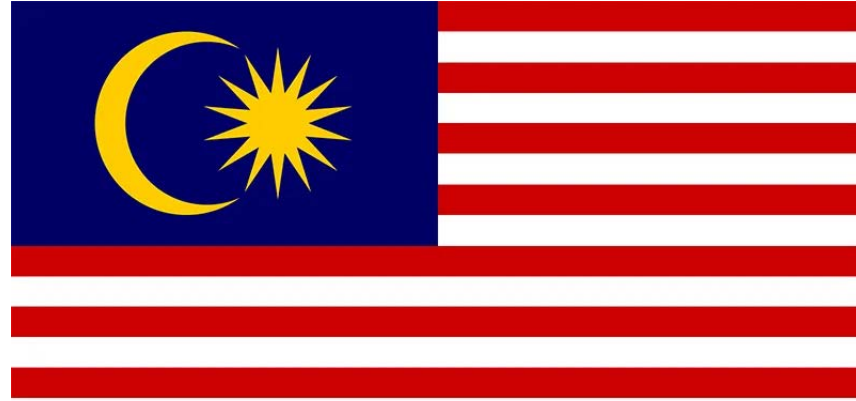
# WAY FORWARD 2.0 – ENHANCE SCOPE AND EFFECTIVENESS OF MARTRADE’S GRANTS.



Activity	Status
<b>Activity 1:</b> <b>Promoting Malaysian expertise</b>	<b>Client's confirmation of appointment instead of Letter of Invitation.</b>
<b>Activity 2:</b> <b>Travelling expenses to international destinations</b>	<b>To consider to extend until 60 days</b>
<b>Activity 5:</b> <b>Conducting a feasibility study</b>	<b>Reinstate</b>
<b>Activity 6:</b> <b>Initial costs for first 12 months</b>	<b>To relook at the criteria of registered premise</b>



# WAY FORWARD 3.0 – OTHER INITIATIVES



- Enhance Malaysia Inc. Concept
- Facilitate International Funding requirements for Construction Sector
- Strengthen and promote fiscal incentives for construction sector
- Increase preparedness for impacts of multilateral agreements
- Human Capital mitigate PUSH elements and encourage PULL elements.



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**We Will Rise By Not Just  
Engineering for Excellence  
But  
Excellence for Everything**



# I INVITE ANY INDIVIDUAL ENGINEER OR COMPANY TO JOIN ME IN THE QUEST OF MAKING MALAYSIAN ENGINEERING GLOBAL.

## WE LEARN BY SHARING

- 
- Learning and Sharing is an important element Engineering
  - Any Questions?
  - Any Relevant Experiences to Share?





# THANK YOU



***“Committed To Engineering Excellence”***

## **BOARD OF ENGINEERS MALAYSIA**

**Tingkat 11 & 17, Blok F Ibu Pejabat JKR**

**Jalan Sultan Salahuddin, 50580 Kuala Lumpur**

**<http://www.bem.org.my>**

**[enquiry@bem.org.my](mailto:enquiry@bem.org.my) or [complaint@bem.org.my](mailto:complaint@bem.org.my).**

**Tel: 03-26912090; Fax: 03-26925017**

