



# Enhancing the Value of the Engineering Profession

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**Moderator**



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# What is the value of the Engineering Profession?



It is of special value to the Nation because

## **BEM**

- The intrinsic value
  - By being a registered person, the public, employers and clients are confident that the person has the necessary qualifications, and as a Professional, has undergone the necessary training and sat for the Professional and Competency Examinations and observe the Continuing Professional Development (CPD) program and governed by a Code of Conduct.
- Strategic Plan 2021- 2025:
  - Theme I: Enhance the Value of the Engineering Profession
  - Strategy: Promote delivery of engineering services to tap into the Global Value Chain
- Hosts the National Monitoring Committee (NMC)
  - To register ASEAN Chartered Professional Engineers (ACPEs) for ASEAN Professional mobility (2,716/6,719; 40%)
- Opening up 100% of shareholdings to all
  - To encourage investment; for ECPs to expand towards international markets; build capacity for advanced engineering.

## **SME Corp**

- Promote the development of SMEs (including Engineering businesses)

## **MATRADE**

- Promote export of services (including engineering services)

# What is the value of the Engineering Profession?



## But, coming to 66 years of Merdeka....

- Out of 222,648 Registered Engineers,
  - Only 10% are PEs and just 5% are PEPCs
  - Engineering Technologists and IOW (Technicians) still at early stages of registration
- Out of 4,107 ECPs,
  - Almost all are small... Body Corporate 45%; Partnership and Sole Proprietorship 55%
  - Only About 15 – 20 ECPs considered large; only 1 Public Listed
  - Exporting services around 10; many unsustainable
- We do have world class engineering companies and organisations
  - But not significant international presence
  - These are high value companies and organisations; producing high value engineering professionals
  - Thus enhancing the value of the professions

**Let us be inspired by the leaders in the profession and industry**