



THE INSTITUTION OF ENGINEERS, MALAYSIA YOUNG ENGINEERS SECTION

**YOUNG ASEAN FEDERATION OF ENGINEERING
ORGANISATIONS
(YEA FEO 27)**

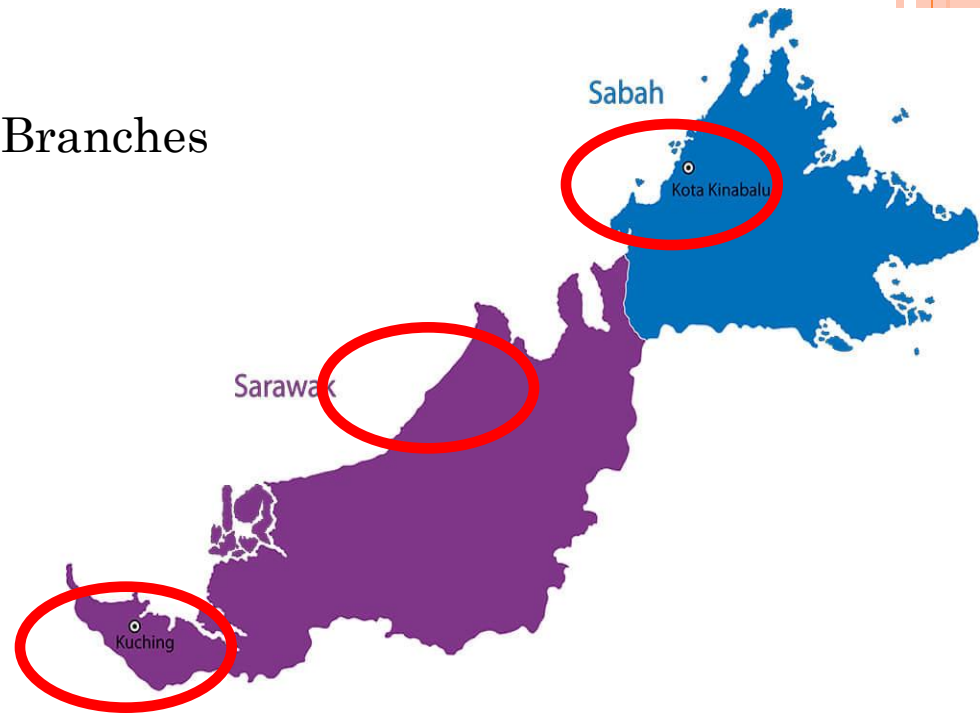
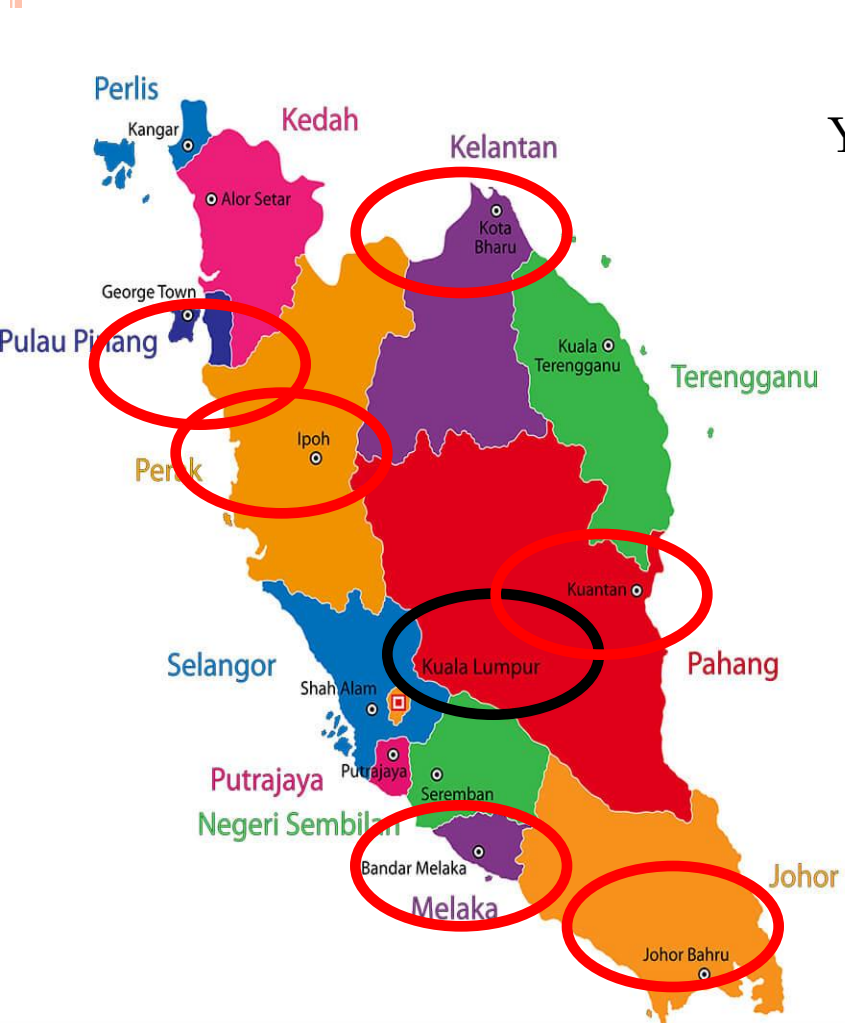
COUNTRY REPORT

**RESORTS WORLD SENTOSA, SINGAPORE
12 – 14 NOVEMBER 2018**



BRANCHES OF IEM YES

YES Branches



Malaysia

10	40,000	20
Branches Nationwide	Members	Universities Students Sections

Engineering Ecosystem



Global Competitiveness

Major Engineering Conferences

Top Engineering Companies

Key Engineering Organisations



Key Engineering Organisations

- The Institution of Engineers, Malaysia.
- Institution of Engineering and Technology
- Technological Association Malaysia
- Etc,

Top Engineering Companies

- Civil Engineering:
- IJM, GAMUDA, ARUP, AECOM, TYLIN, G&P
- Manufacturing Engineering:
- Intel, Proton, Perudua.
- Electrical Engineering:
- TNB
- Other Engineering:
- Petronas
- Etc.

Major Engineering Conferences

- CAFEO
- IEM Conferences (CONCET, IEM ASEAN Electrotechnical Symposium, WTC 2020, etc)
- Local Universities conferences
- Etc.



Engineering Challenges and Achievement



Developmental Challenges



National Priorities that has been solved with engineering or technology

Infrastructure Engineering Projects



Developmental Challenges

- Financial constraints
- Lack of competent engineers
- Sustainable Development
- Climate Change
- Disaster Preparedness

National Priorities that Solved with Eng. & Tech.

- Renewable Energy (Solar Power Energy)
- Industrilised-Building System (IBS)
- Building Information Modelling (BIM)
- Digital Free Trade Zone

Infrastructure Engineering Projects

- LRT Line 3
- MRT 2
- Pan-Borneo Highway
- West Coast Highway
- ECRL (Under re-view by Government)
- HSR (Under re-view by Government)



