



LEMBAGA JURUTERA MALAYSIA

# KAD LAPORAN LJM 2022

## BEM REPORT CARD 2022

Ir. HAMZAH BIN HASHIM

# ISI KANDUNGAN



- Pengenalan
- Lembaga Jurutera Malaysia
- Statistik Orang Berdaftar & ECP
- Kes Amalan Ikhtisas
- Akreditasi Program Kejuruteraan
- Transformasi Digital
- Peristiwa Penting 2022
- Pengiktirafan Antarabangsa

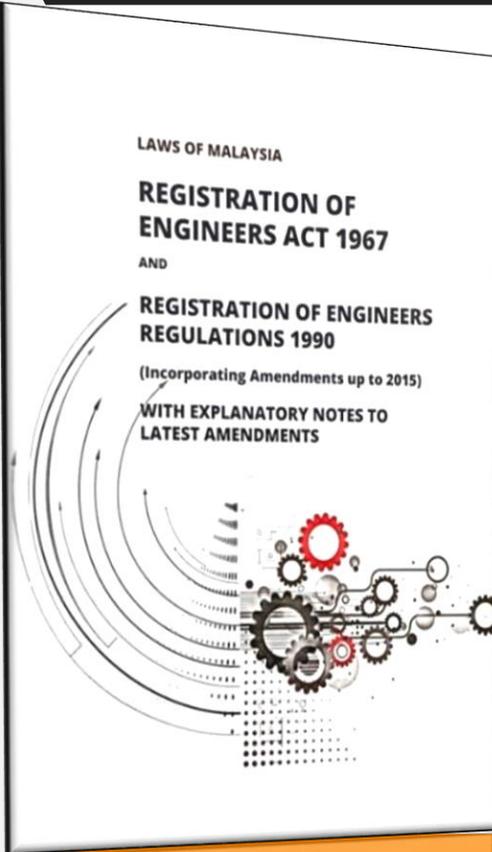


# LEMBAGA JURUTERA MALAYSIA

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# BOARD OF ENGINEERS MALAYSIA

# THE PURPOSE OF THE ENGINEERS' ACT

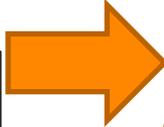
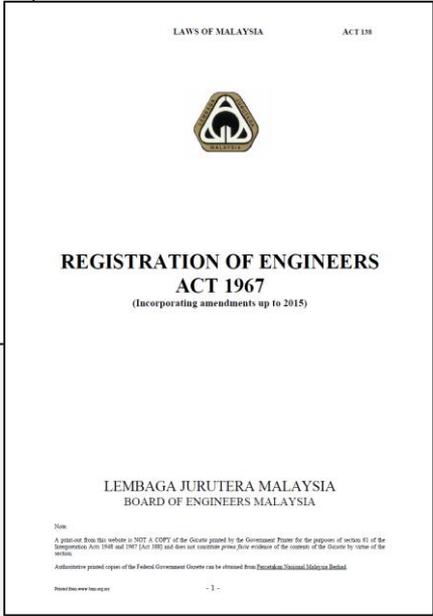
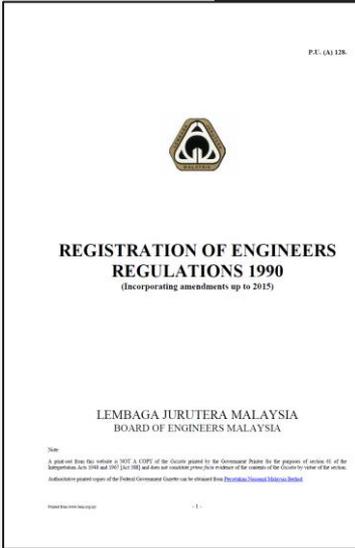


To **protect the public** by legislative control so that the practice of engineering, which has a bearing on public safety, health and welfare, can only be carried out by licensed professional engineers.

To **create a regulatory body** with mandate to carry out licensing of professional engineers and regulation of the profession

To **set regulations** pertaining to the practice of engineering; qualifications for licensing; and code of professional conduct for registered engineers;

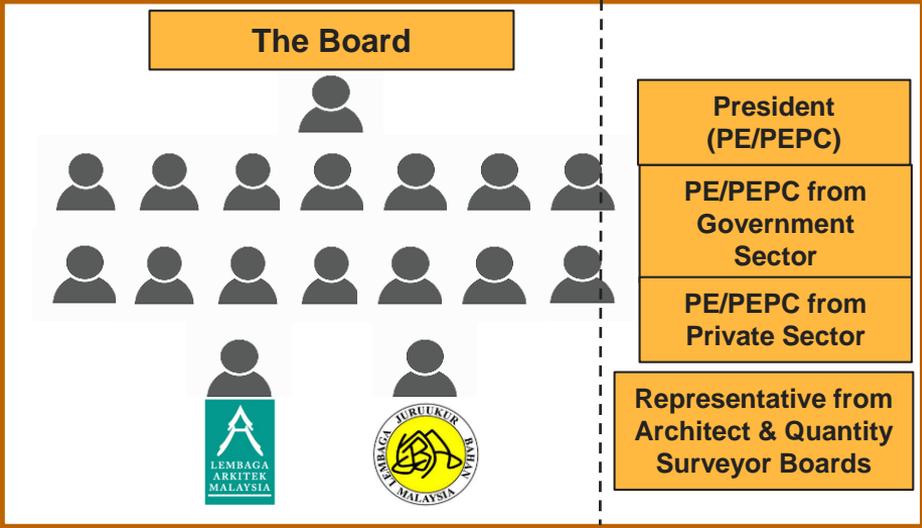
# PENUBUHAN LEMBAGA JURUTERA MALAYSIA



**Formed on 23<sup>rd</sup>  
August 1972**



**MINISTRY OF WORKS**



# KOMPOSISI – AHLI LEMBAGA 2021-2022 & EX-OFFICIO



Ir. K. Sundraraj a/l A  
Krishnasamy



Ir. Megat Johari bin  
Megat Mohd Noor



Datuk Ir. Baharin  
bin Din



Dato' Ir. Ahmad Redza  
bin Ghulam Rasool



Datuk Ir. Haji Mohamad  
Zulkefly bin Sulaiman  
(Presiden)



Dato' Prof. Ir. Dr. Mohd  
Hamdi bin Abd Shukor



Ir. Ali Ahmad bin Haji  
Hamid



Datu Ir. Zuraimi bin Hj  
Sabki



Ir. Zailee bin Dollah



Dato' Ar. Azman  
bin Md Hashim



Dato' Ir. Haji Nor  
Hisham bin Mohd  
Ghazali



First Admiral (Rtd)  
Dato' Ir. Ahmad  
Murad bin Omar



Prof. Ir. Dr. Norlida  
binti Bunyamin



Ir. Ong Ching Loon



Ir. Mohd Khir bin  
Muhammad



Ir. Fam Yew Hin



Sr. Rogayah binti Yunus

## Ex-Officio

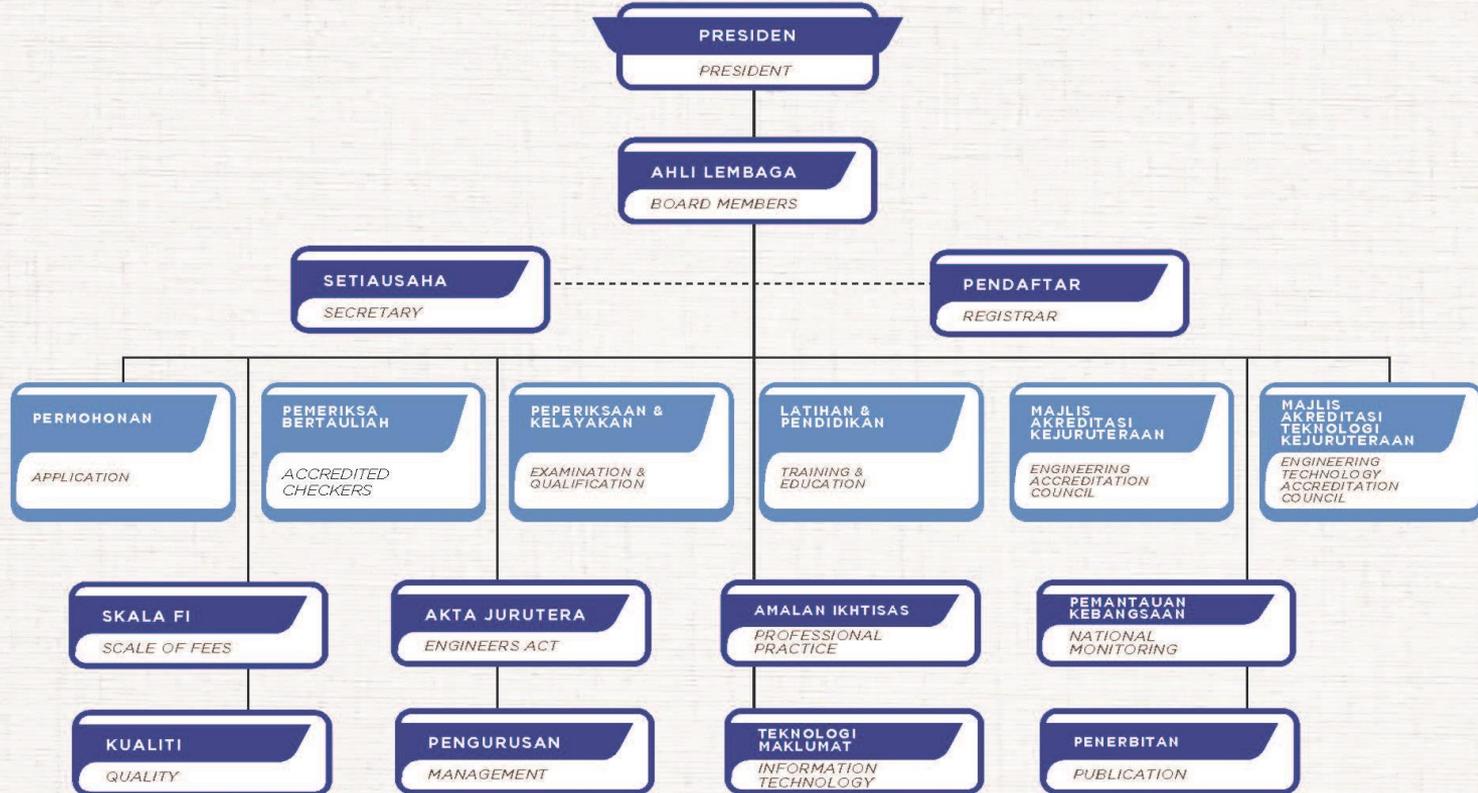


Ir. Dr. Megat Zuhairy bin Megat Tajuddin  
Pendafatar



Ir. Hamzah bin Hashim  
Setiausaha

# CARTA ORGANISASI



An aerial, high-angle view of a dense urban skyline, featuring numerous skyscrapers and buildings. The image is in grayscale, with the text overlaid in a bright yellow color. The text is centered and reads "STATISTIK ORANG BERDAFTAR" in a bold, sans-serif font. A white horizontal line is positioned directly beneath the text.

# STATISTIK ORANG BERDAFTAR

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# ORANG BERDAFTAR (sehingga 20.10.2022)

Jurutera Siswazah (GE) **174,840**

- ▶ Teknologis Kejuruteraan (ET) **12,821**

Jurutera Profesional (PE) **22,226**

- ▶ Jurutera Profesional dengan Perakuan Amalan (PEPC) **10,670**

Pemeriksa Bertauliah (AC) **42**

- ▶ Pemeriksa Tapak (IOW) **8,532**

# AMALAN PERUNDING KEJURUTERAAN (ECP) (sehingga 20.10.2022)

**Pertubuhan Perbadanan 728**

- ▶ **Pertubuhan Perbadanan - Pelbagai Disiplin 74**

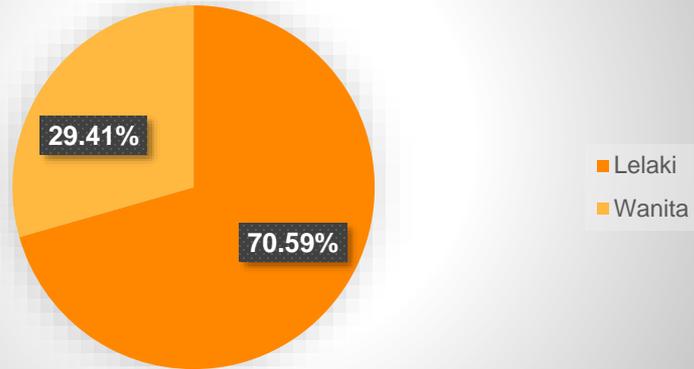
**Perkongsian 359**

- ▶ **Pemilik Tunggal 1,841**

# PECAHAN JURUTERA SISWAZAH MENGIKUT JANTINA

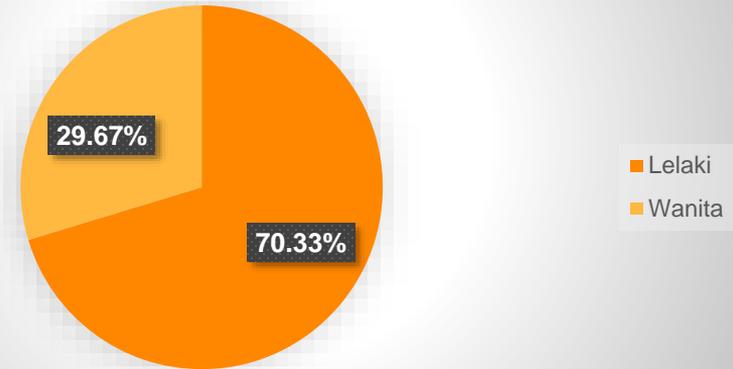
▶ 2021

Bilangan Jurutera Siswazah Berdaftar Mengikut Jantina sehingga 31.12.2021



▶ 2022

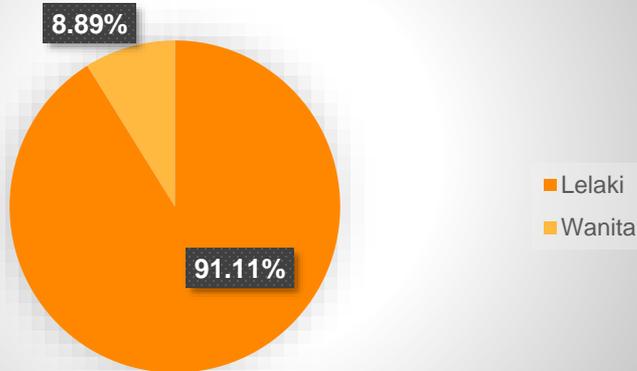
Bilangan Jurutera Siswazah Berdaftar Mengikut Jantina sehingga 20.10.2022



# PECAHAN JURUTERA PROFESIONAL MENGIKUT JANTINA

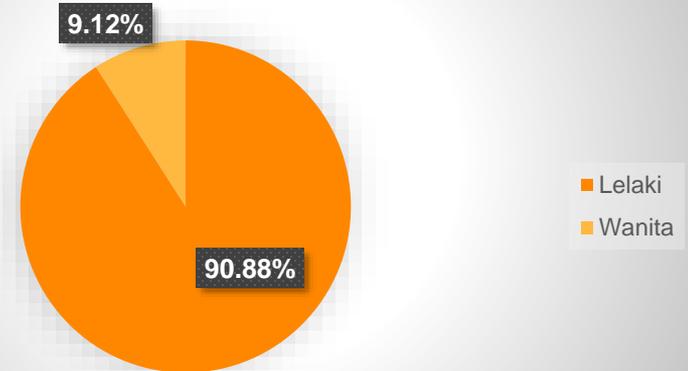
▶ 2021

Bilangan Jurutera Profesional Berdaftar Mengikut Jantina sehingga 31.12.2021



▶ 2022

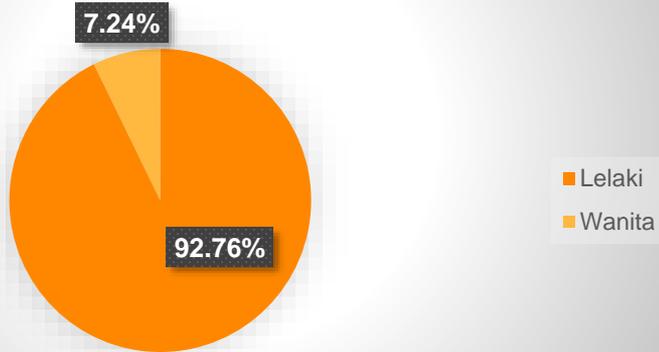
Bilangan Jurutera Profesional Berdaftar Mengikut Jantina sehingga 20.10.2022



# PECAHAN PEPC MENGIKUT JANTINA

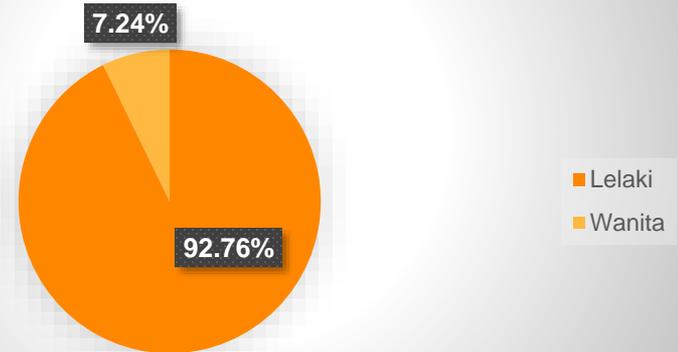
▶ 2021

Bilangan Jurutera Profesional Dengan Perakuan Amalan Berdaftar Mengikut Jantina sehingga 31.12.2021



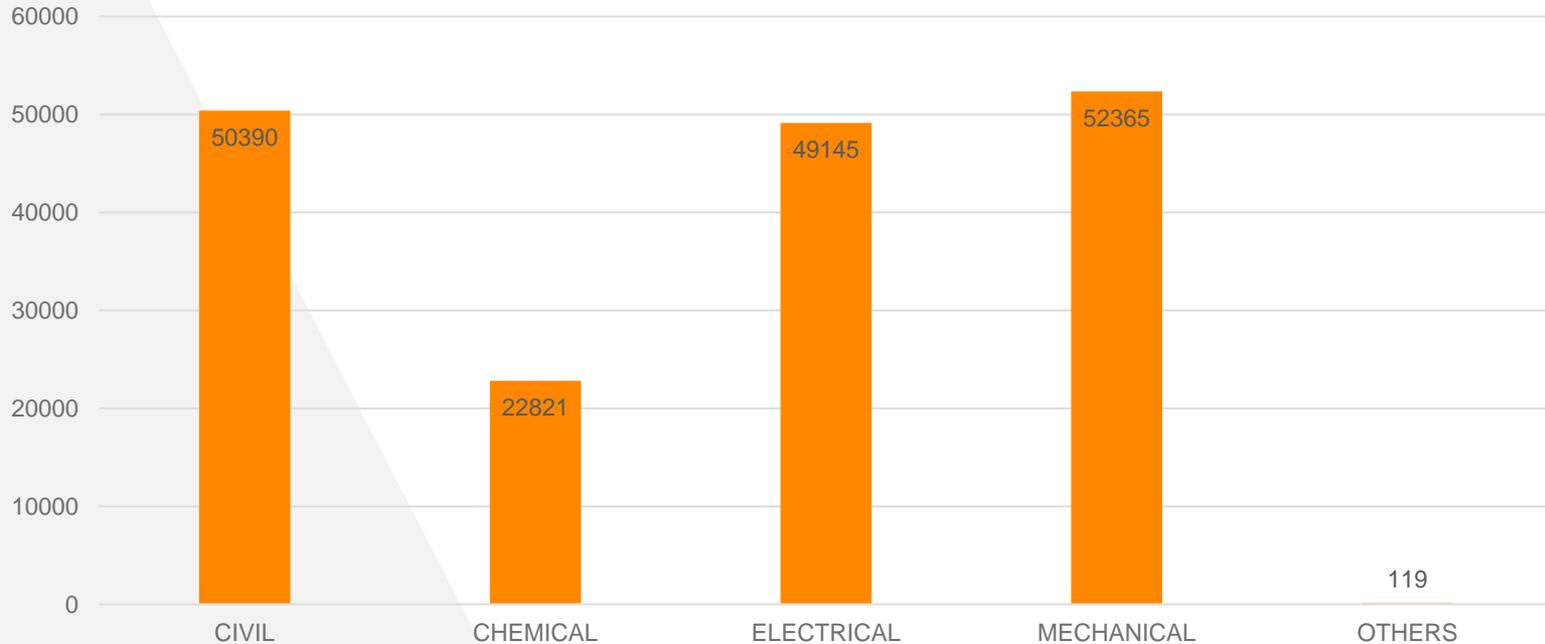
▶ 2022

Bilangan Jurutera Profesional Dengan Perakuan Amalan Berdaftar Mengikut Jantina sehingga 20.10.2022



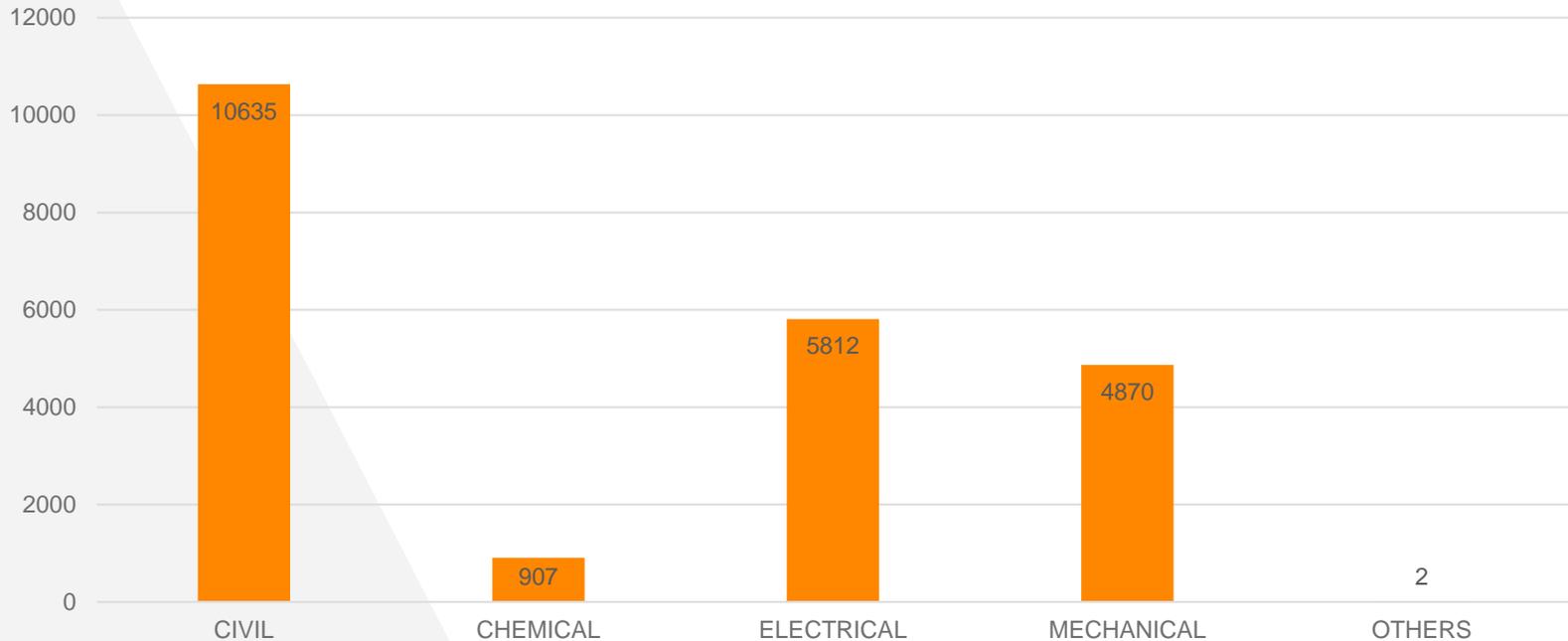
# PECAHAN JURUTERA SISWAZAH MENGIKUT DISIPLIN

Bilangan Jurutera Siswazah Berdaftar Mengikut Disiplin sehingga  
20.10.2022



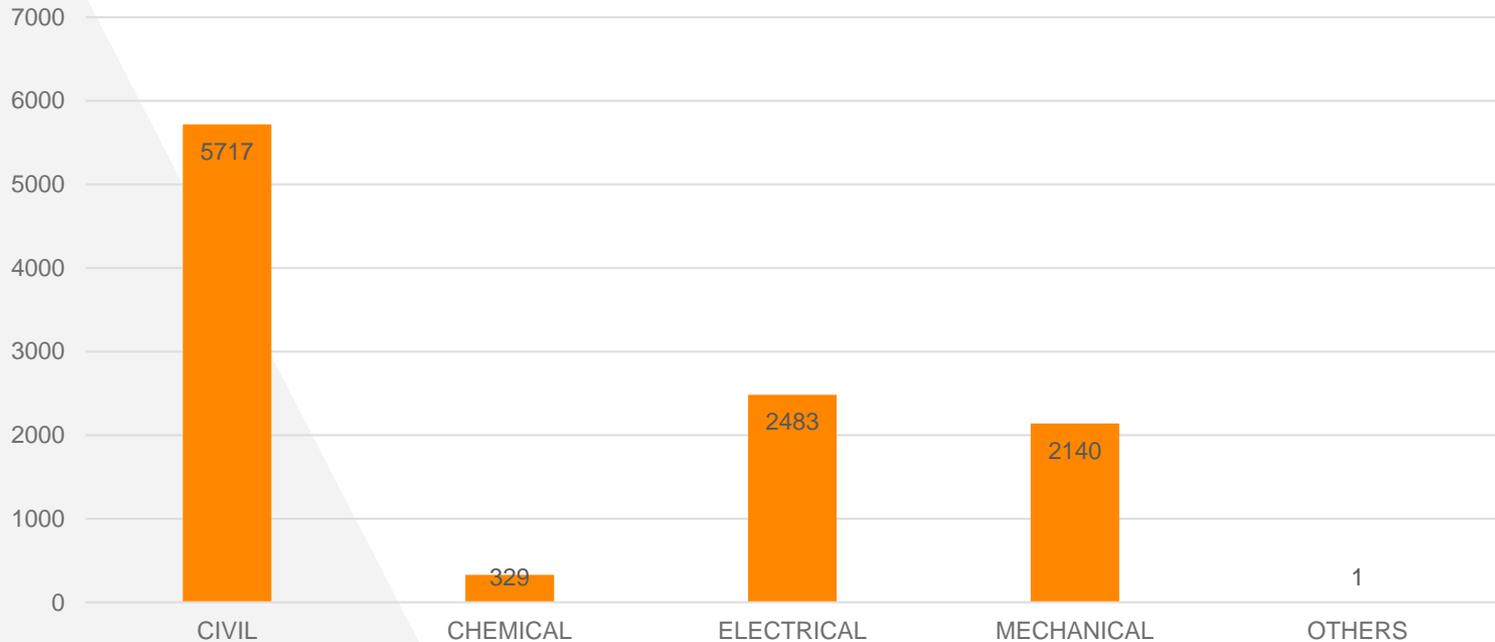
# PECAHAN JURUTERA PROFESIONAL MENGIKUT DISIPLIN

Bilangan Jurutera Profesional Berdaftar Mengikut Disiplin sehingga  
20.10.2022



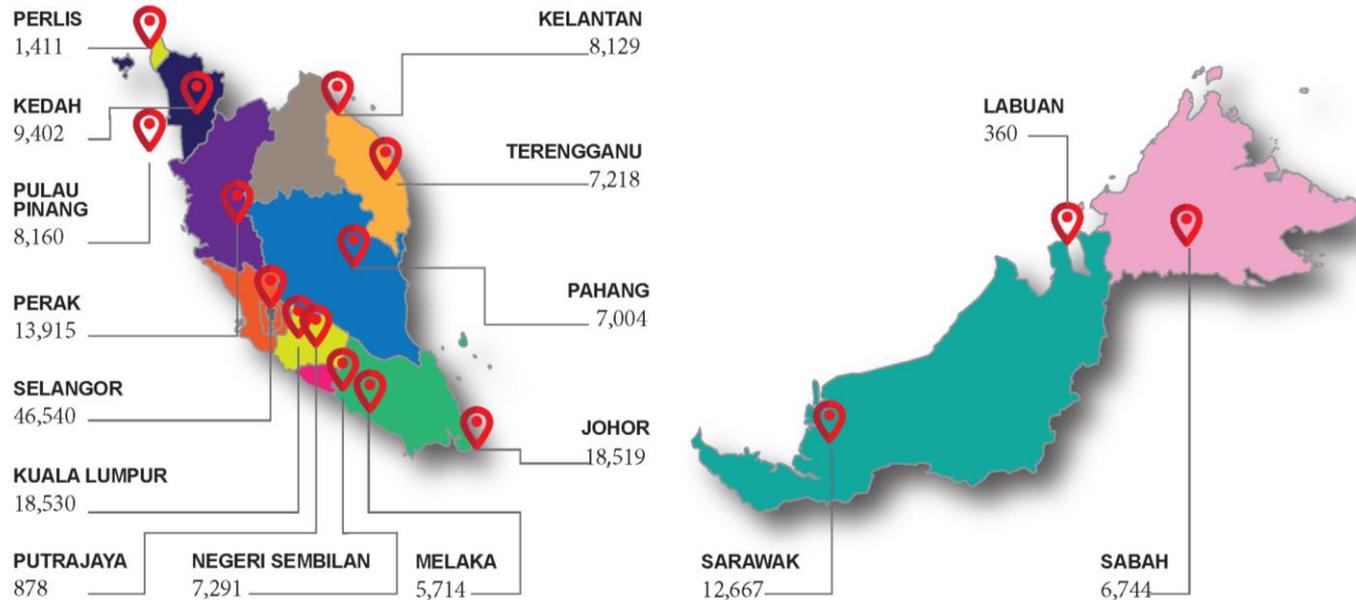
# PECAHAN PEPC MENGIKUT DISIPLIN

Bilangan Jurutera Profesional Dengan Perakuan Amalan Berdaftar Mengikut Disiplin sehingga 20.10.2022



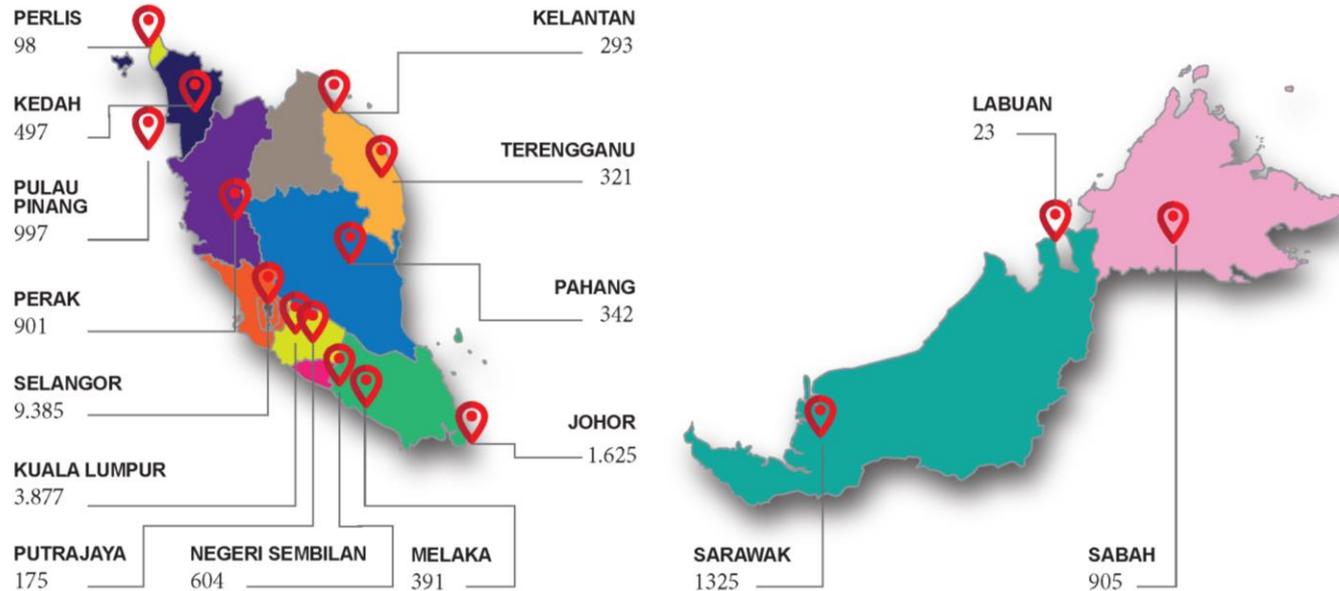
# PECAHAN JURUTERA SISWAZAH MENGIKUT NEGERI

Bilangan Jurutera Siswazah Berdaftar Mengikut Negeri sehingga 20.10.2022  
Number of Registered Graduate Engineer by States as at 20.10.2022



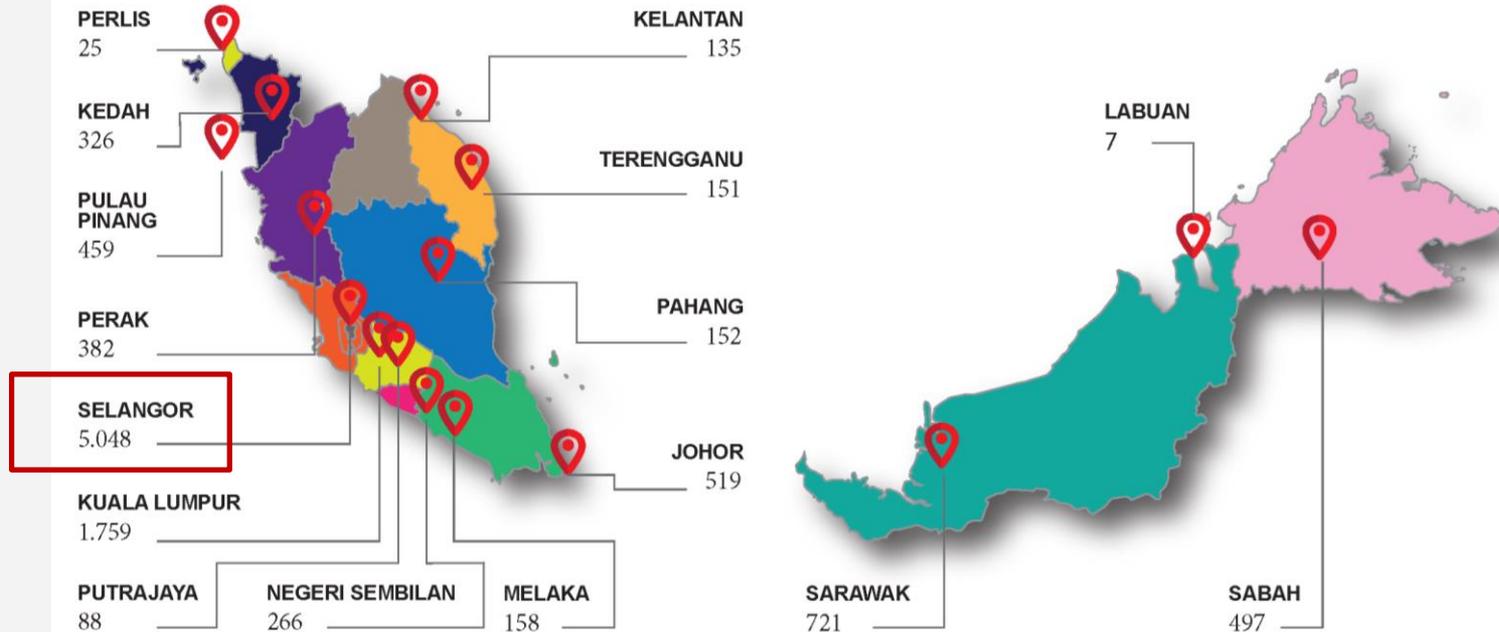
# PECAHAN JURUTERA PROFESIONAL MENGIKUT NEGERI

**Bilangan Jurutera Profesional Berdaftar Mengikut Negeri sehingga 20.10.2022**  
*Number of Registered Professional Engineer by States as at 20.10.2022*



# PECAHAN PEPC MENGIKUT NEGERI

**Bilangan Jurutera Professional dengan Perakuan Amalan Berdaftar Mengikut Negeri sehingga 20.10.2022**  
*Number of Registered Professional Engineer with Practising Certificate by States as at 20.10.2022*





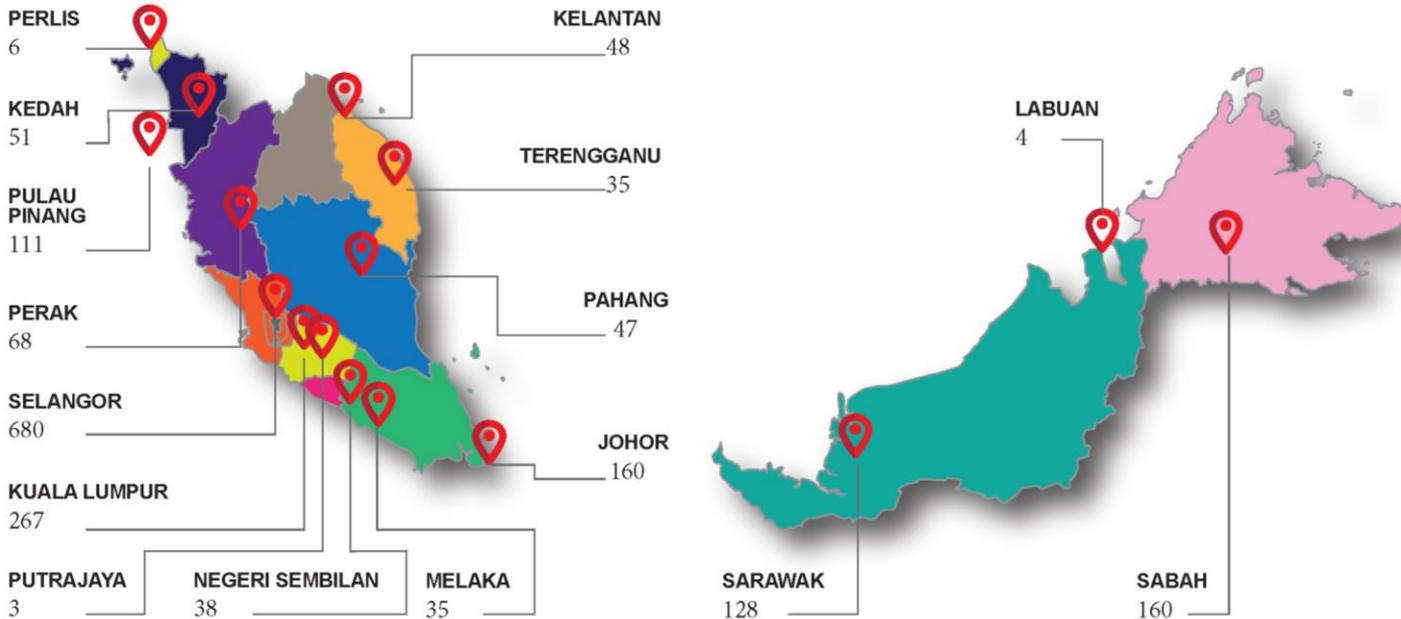
**STATISTIK**  
**AMALAN PERUNDING**  

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**KEJURUTERAAN (ECP)**

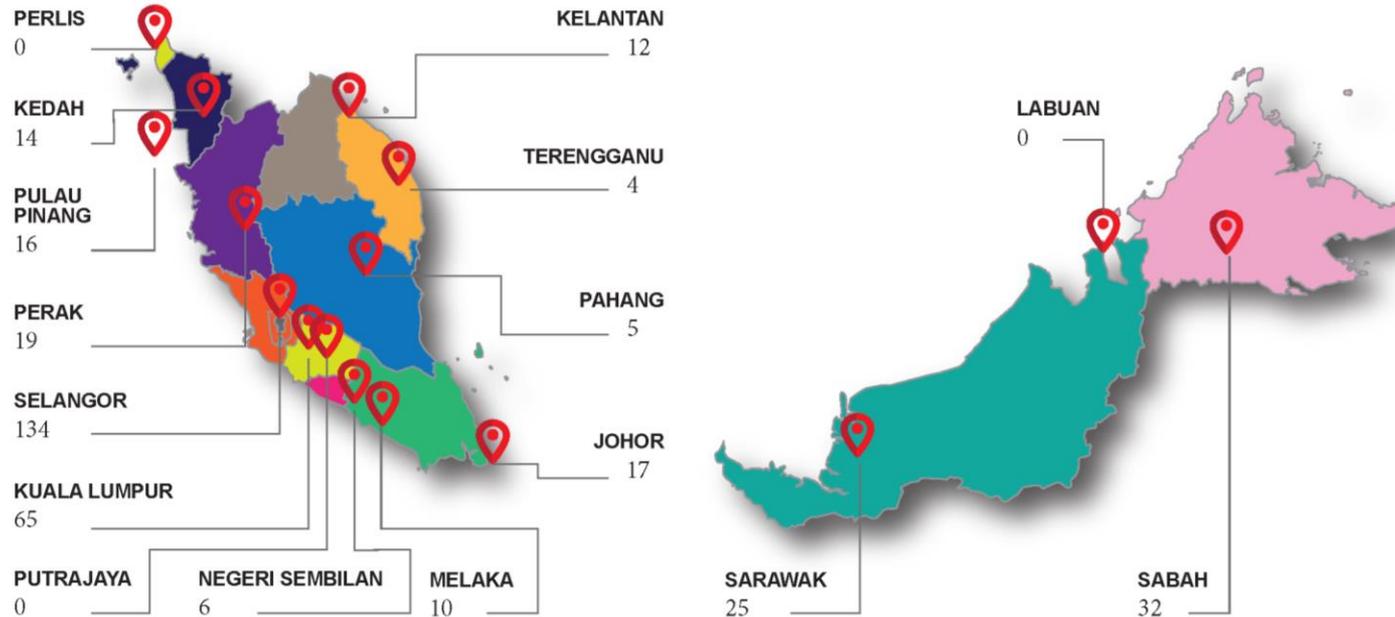
# SYARIKAT PEMILIK TUNGGAL MENGIKUT NEGERI

Bilangan Pemilik Tunggal Berdaftar Mengikut Negeri sehingga 20.10.2022  
Number of Registered Sole Proprietor by States as at 20.10.2022



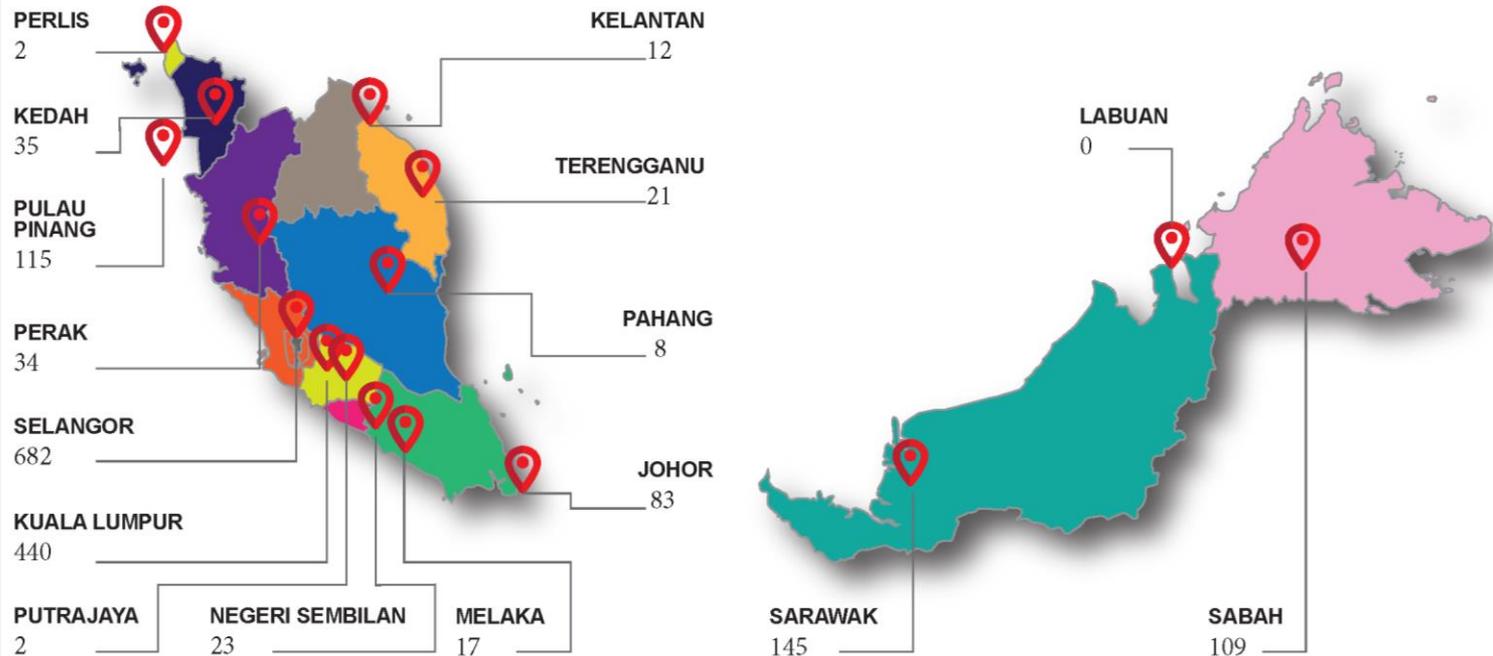
# SYARIKAT PERKONGSIAN MENGIKUT NEGERI

Bilangan Perkongsian Berdaftar Berdaftar Mengikut Negeri sehingga 20.10.2022  
*Number of Registered Partnership by States as at 20.10.2022*



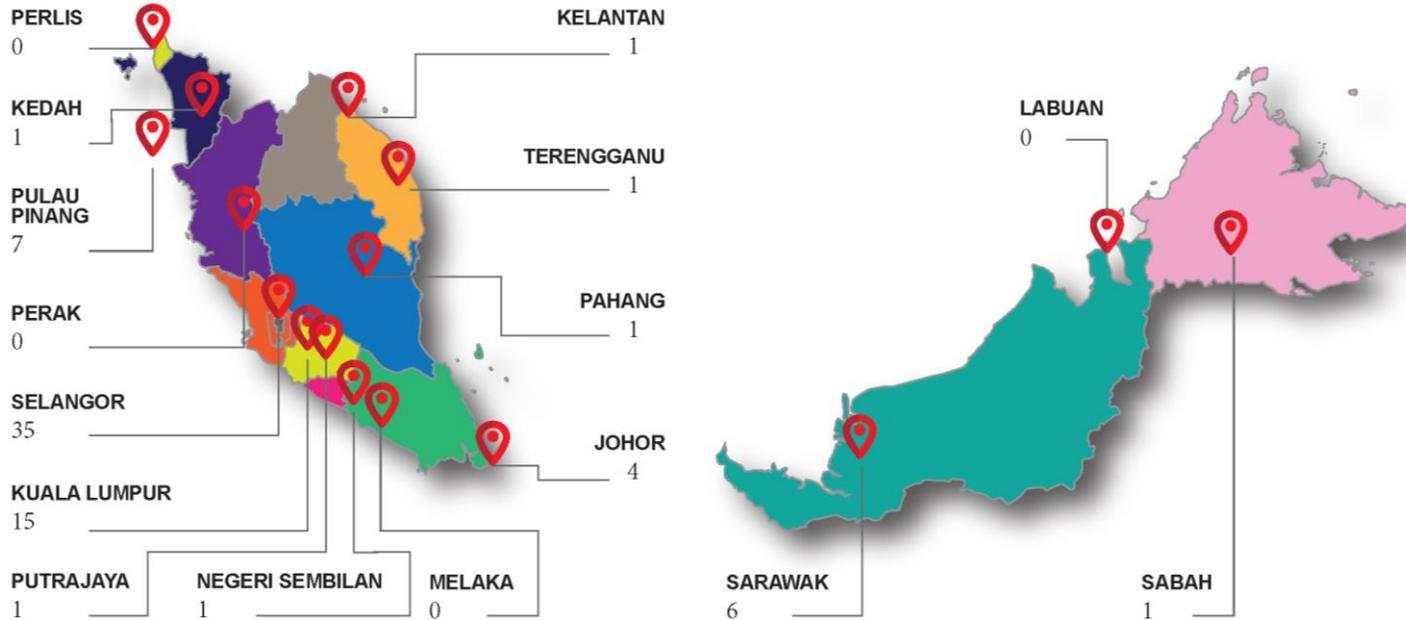
# SYARIKAT PERTUBUHAN PERBADANAN MENGIKUT NEGERI

Bilangan Pertubuhan Berdaftar Berdaftar Mengikut Negeri sehingga  
20.10.2022 Number of Registered Body Corporate by States as at 20.10.2022



# PERTUBUHAN PERBADANAN – MULTI DISIPLIN MENGIKUT NEGERI

**Bilangan Pertubuhan Perbadanan - Pelbagai Disipline Berdaftar Mengikut Negeri sehingga 20.10.2022**  
*Number of Registered Multi Disciplinary Practice by States as at 20.10.2022*



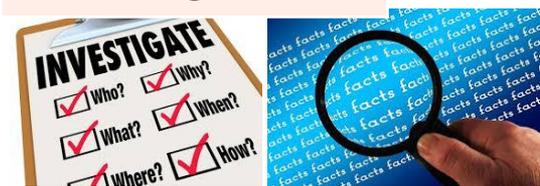
An aerial, high-angle photograph of a dense urban skyline, featuring numerous skyscrapers and high-rise buildings. The image is in grayscale, with a dark, muted color palette. The buildings are packed closely together, creating a complex pattern of vertical lines and rectangular shapes. The lighting is soft, highlighting the textures of the building facades and the intricate details of the architecture. The overall atmosphere is one of a bustling, modern metropolis.

# KES AMALAN IKHTISAS

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# KES AMALAN IKHTISAS

Year (Tahun)	No Case (Tiada Kes)	Recommend for Hearing (Dicadangkan untuk Perbicaraan)	Under Investigation (Dalam Siasatan)
2017	19	11	25
2018	43	13	23
2019	21	36	10
2020	14	19	13
2021	18	18	3
2022	1	6	8



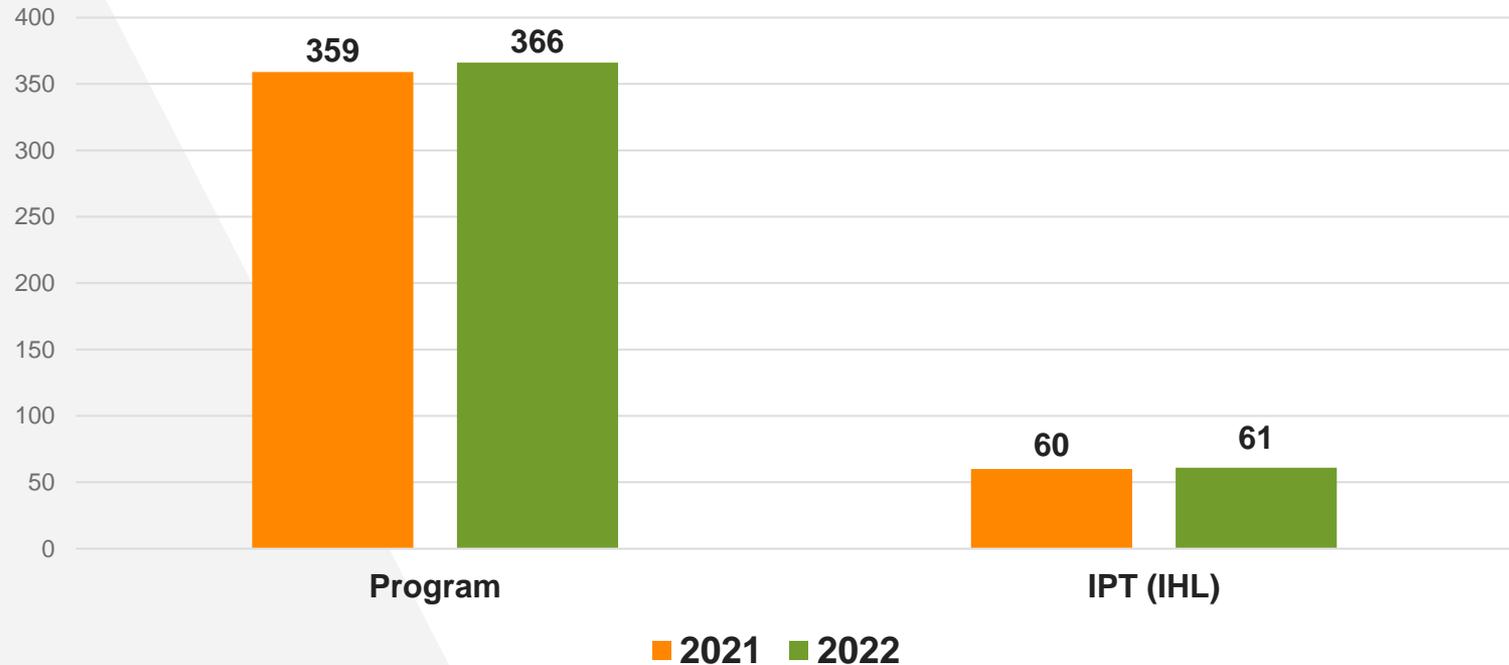


# AKREDITASI PROGRAM KEJURUTERAAN

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# AKREDITASI PROGRAM KEJURUTERAAN 2021 & 2022

Akreditasi Program Kejuruteraan Tahun 2021 & 2022



# AKREDITASI PROGRAM KEJURUTERAAN

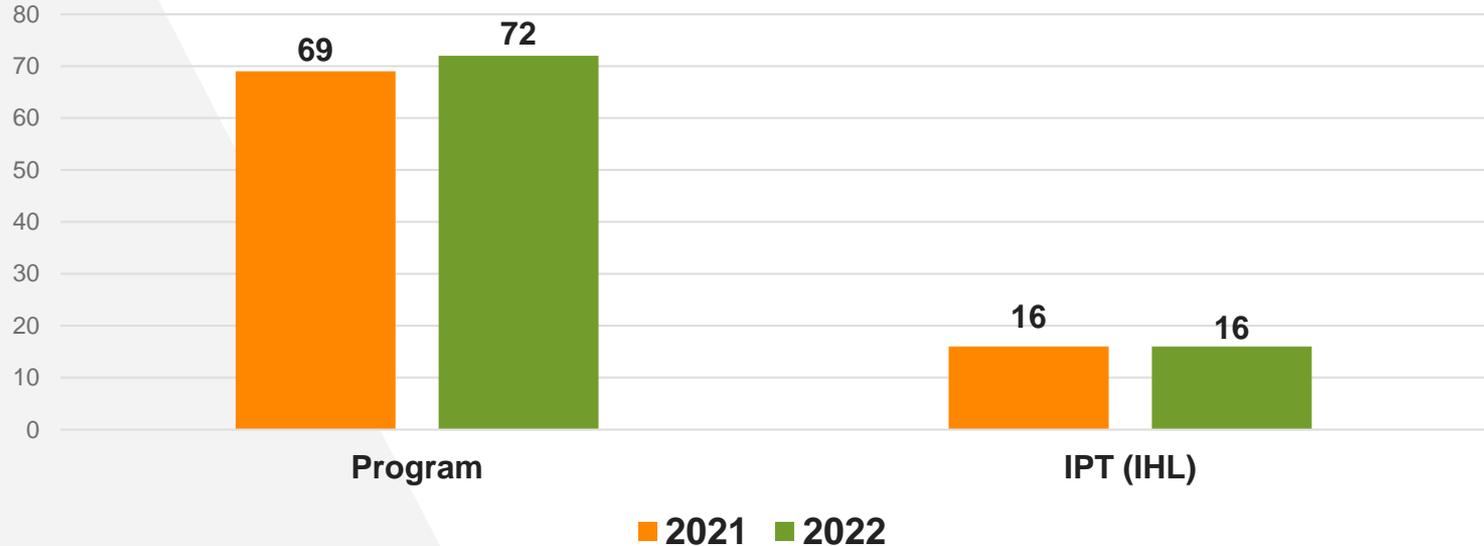


MAHSA  
UNIVERSITY



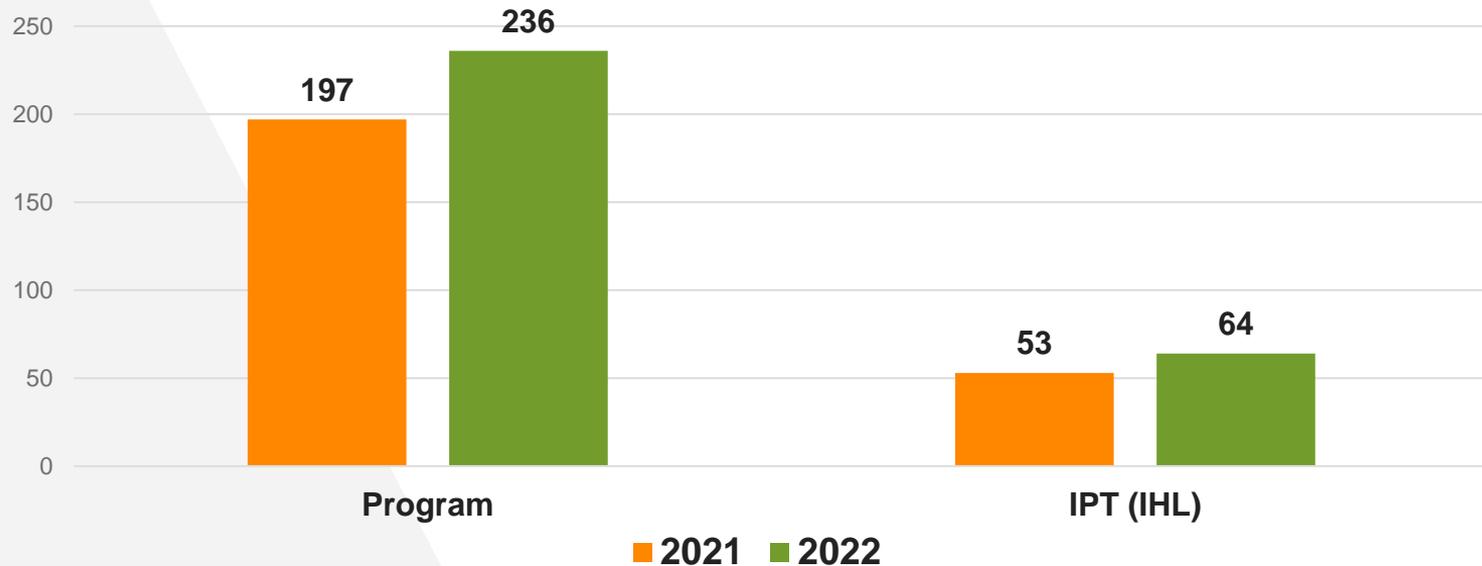
# AKREDITASI PROGRAM TEKNOLOGI KEJURUTERAAN

Perbandingan Jumlah Program Teknologi Kejuruteraan yang Diakreditasi & IPT Tahun 2021 & 2022



# AKREDITASI PROGRAM DIPLOMA KEJURUTERAAN

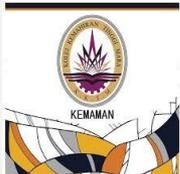
## Perbandingan Jumlah Program Diploma Kejuruteraan yang Diakreditasi & IPT Tahun 2021 & 2022



# AKREDITASI PROGRAM TEKNOLOGI & JURUTEKNIK KEJURUTERAAN

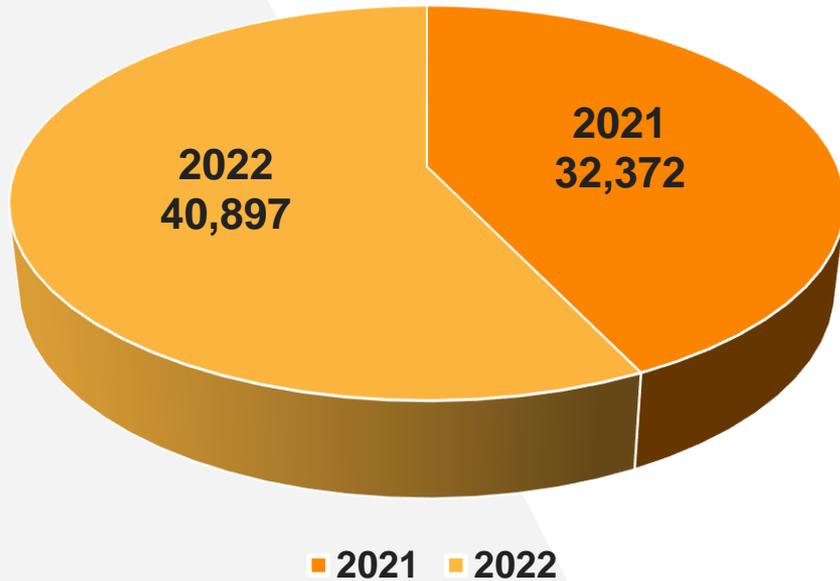


BINTU

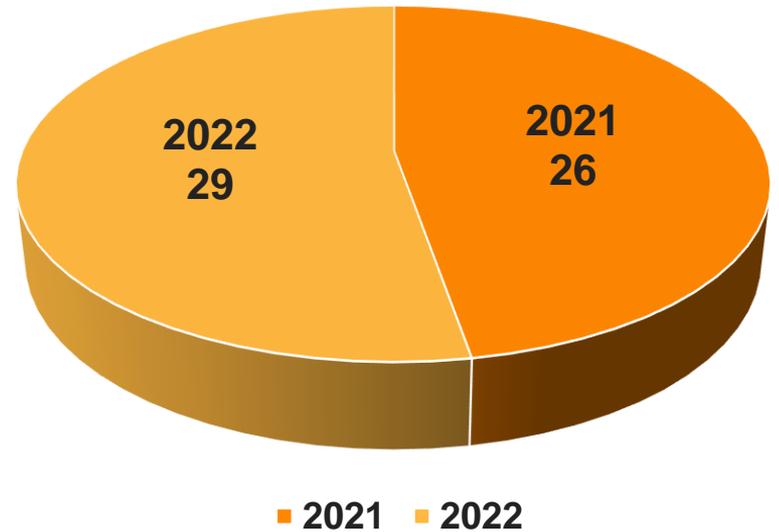


# PENDAFTARAN SECARA E-BULK (sehingga 20.10.2022)

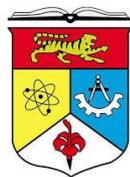
Jumlah Pendaftaran Mengikuti Tahun



Jumlah IPT yang Menandatangani MoU



# SENARAI 26 PENANDATANGAN MOU PENDAFTARAN PUKAL





# TRANSFORMASI DIGITAL

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## LJM

# 12 SISTEM + 25 MODUL DALAM TALIAN – CQI



# CCC ONLINE SUBMISSION SYSTEM

**LAUNCHED ON 16<sup>TH</sup> NOVEMBER 2021.  
FULLY ONLINE SINCE 15<sup>TH</sup> MAY 2022.**



Home



Applications



Pending Individual  
Renewals



My Invoices



CPD Records

## Certificate of Completion & Compliance (CCC)

🏠 - Certificate of Completion & Compliance (CCC) - Manage CCC

### Manage Certificate of Completion & Compliance (CCC)



Draft

← Back

↑ Issue CCC

Project Title:	CADANGAN MEMBINA DAN MENYIAPKAN SEBUAH STESEN MINYAK PETRONAS DAN RESTORAN MAKANAN SEGERA DI ATAS LOT PT 11111, HS(D) 77777, PERSIARAN JATI, MUKIM DENGKIL, DAERAH SEPANG, SELANGOR DARUL EHSAN	Serial No:	<i>Pending Issuance</i>
Lot:	LOT PT 11111)	Date Issued:	<i>Pending Issuance</i>
Section / Mukim:	DENGKIL)	Date Created:	5 Nov 2020 04:11 PM
		Building Plan:	MPS/BGN 777-

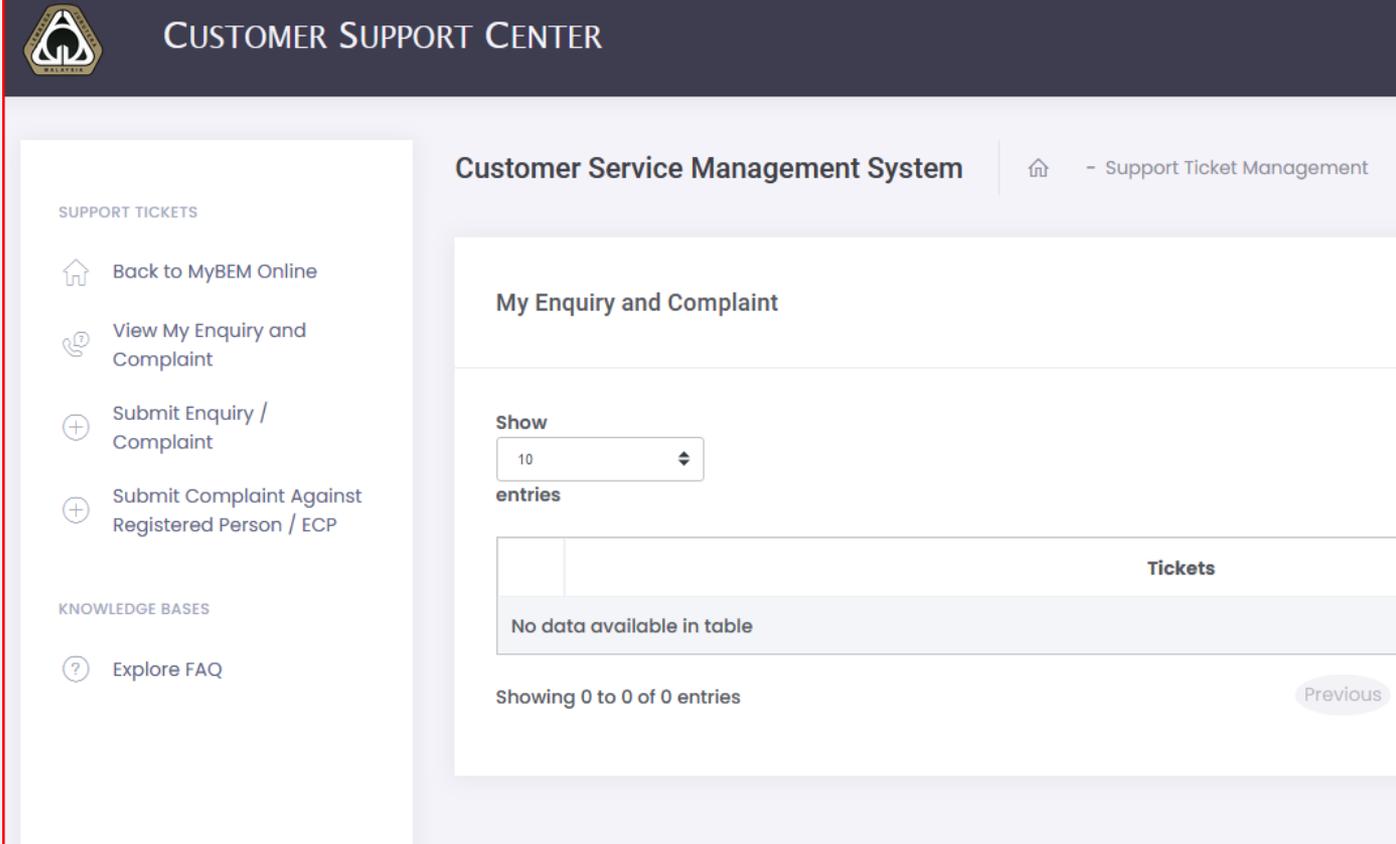
# 12 SISTEM DALAM TALIAN BARU - CQI



alamy

Image ID: 1022888  
www.alamy.com

# KHIDMAT PELANGGAN – CQI



**CUSTOMER SUPPORT CENTER**

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**SUPPORT TICKETS**

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- [Submit Complaint Against Registered Person / ECP](#)

**KNOWLEDGE BASES**

- [Explore FAQ](#)

**My Enquiry and Complaint**

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Tickets	
No data available in table	

Showing 0 to 0 of 0 entries [Previous](#)

# KHIDMAT PELANGGAN – PANGKALAN ILMU



Welcome to MyBEM Support Center  
Ready to help you!



BOARD OF ENGINEER  
CUSTOMER SERVICE

## REGISTRATION

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## CERTIFICATE OF COMPLETION AND COMPLIANCE

Learn more about CERTIFICATE OF COMPLETION AND COMPLIANCE

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## FINANCE

Learn more about FINANCE

[LEARN MORE](#)

## ECP

Learn more about ECP

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# PEPERIKSAAN – PAE & PCE



Exam

## Examination



### Available Exams

Exam	Eligibility	
Professional Assessment Examination (Route A)	Available	<a href="#">Click Here to Apply</a>
A Graduate Engineer registered with BEM who has obtained 3 years practical experience as specified in Regulation 22(1) now applying to sit for Professional Assessment Examination under Route A.		
Professional Assessment Examination (Route B)	Available	<a href="#">Click Here to Apply</a>
A Graduate Engineer registered with BEM who holds a professional qualification which the Board considers to be equivalent to the Professional Assessment Examination conducted by the Board (who is a Professional Engineer (in good standing) or a Chartered Engineer from recognized professional bodies) and who has obtained 3 years practical experience as specified in Regulation 22(1) now applying to sit for Professional Assessment Examination under Route B.		

### History

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# 13 WEBINAR

**Bem Webinar Series 2022**  
 www.bem.org.my | engineer.org.my | event@bem.org.my  
 +603 28912090

## CERTIFICATE OF COMPLETION & COMPLIANCE (CCC) ONLINE SUBMISSION SYSTEM

**Objective of the webinar:**

- Refresh Webinar on BEM CCC Online Submission System
- Continuous Quality Improvement
- Learn how to request fill out, submit, keep track and view history of submissions.
- Online submission of Form F / G by the PEPC responsible as Principal Submitting Person.
- Online submission of Form G / D by the PEPC responsible as Submitting Person.
- Pertinent Issues on CCC online submission
- Reminder on mandatory online submission from 15.6.2022 onwards.

5<sup>th</sup> April 2022 | Tuesday | 10.30<sup>am</sup> - 12.30<sup>pm</sup>  
 ZOOM | BEM Engineers | BEMEngineers



**Who should attend:**

- Registered Engineers - Professional Engineer (PE) & Professional Engineer with Practising Certificate (PEPC)
- Engineering Consultancy Practices (ECP)
- Inspector of Works (IOW)

**FREE Admission**  
 REGISTER NOW  
<https://bit.ly/31D1o4p>

**Bem Webinar Series 2022**  
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## REVISED BEM CIRCULAR NO. 0 CPD REQUIREMENTS

**Objectives:**

- Highlight revisions made to the Revised BEM Circular No. 0 CPD Requirements
- Provide clarifications on how to fill in the annual CPD Report
- Questions and Answers on CPD

24<sup>th</sup> May 2022 | Tuesday | 10.30<sup>am</sup> - 12.30<sup>pm</sup>  
 ZOOM | BEM Engineers | BEMEngineers



**Who should attend:**

- Professional Engineer (PE)
- Professional Engineer with Practising Certificate (PEPC)
- Inspector of Works (IOW)

**FREE Admission**  
 REGISTER NOW  
<https://ncv.microsoft.com/b0a5KorIF>

**Bem Webinar Series 2022**  
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## ROLES AND FUNCTIONS OF BEM

**Objectives:**

- Giving insight of BEM operation
- Understanding the roles & functions of BEM
- Get to know the workforce behind BEM

7<sup>th</sup> June 2022 | Tuesday | 10.30<sup>am</sup> - 12.30<sup>pm</sup>  
 ZOOM | BEM Engineers | BEMEngineers



**Bem Webinar Series 2022**  
 www.bem.org.my | engineer.org.my | event@bem.org.my  
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## REVISION OF BEM SCALE OF FEES 1998

**Summary:**

- BEM Scale of Fees 1998 has been in use for over 20 years since its last revision. In conjunction with the REA, the Scale of Fees (SoF) is meant to protect public interest. Its original intent is to avoid undercutting by engineers, who may otherwise provide reduced or sub-standard services and thereby fail to protect public interest. As such, the SoF was always meant to be the minimum scale of fees.
- A study was recently conducted to determine whether a review of the current SoF is necessary. Views from practising engineers, the IEM and ACEM were sought.
- This webinar is to present the proposed revision of the BEM SoF to all relevant stakeholders and to obtain feedback with regards to fee charge based on component costs of building cost, fee bank, BEM scope, fee chargeable, etc. costs.

14<sup>th</sup> June 2022 | Tuesday | 10.30<sup>am</sup> - 12.30<sup>pm</sup>  
 ZOOM | BEM Engineers | BEMEngineers



**Who should attend:**

- Professional Engineers (PEs)
- Professional Engineers with Practising Certificate (PEPCs)
- Engineering Consultancy Practices (ECPs)
- Relevant Stakeholders
- Public

**FREE Admission**  
 REGISTER NOW  
<https://ncv.microsoft.com/4d7j0XGq3h>

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 +603 28912090

## PROMOTION OF BEST PRACTICES OF REGULATIONS AND GUIDELINES ON SAFETY AND HEALTH OF OSHCIM & BEM

**Objective:**

- To promote best practices of Regulations and Guidelines on Safety and Health of OSHCIM and BEM throughout engineering fraternity
- To explain OSHCIM Construction Project Lifecycle Requirement & Design Review Procedure
- To explain the role and responsibility of PE for temporary works during construction stage, case history, relevant legislations & guidelines and systematic process to ensure safety of temporary works.

18<sup>th</sup> April 2022 | Monday | 10.30<sup>am</sup> - 12.30<sup>pm</sup>  
 ZOOM | BEM Engineers | BEMEngineers



**Who should attend:**

- Registered Persons: Professional Engineers (PEPC & PE), Graduate Engineers (GE), Engineering Technologists (ETech), Inspector of Works (IOW).

**FREE Admission**  
 REGISTER NOW

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 www.bem.org.my | engineer.org.my | event@bem.org.my  
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## INTRODUCTION OF THE NEW OUTCOME-BASED PAE WEBINAR FOR GRADUATE EN

**Objectives:**

- Introduction of the concepts of BEM out
- Explanation of competence categories ar
- Details of the revised interview process

24<sup>th</sup> March 2022 | Thursday | 9.30<sup>am</sup>  
 ZOOM | BEM Engineers | BEMEngineers



**Who should attend:**

- Registered Graduate Engineers
- Graduate Engineers who intend to take the PAE
- Employers of Professional Engineers

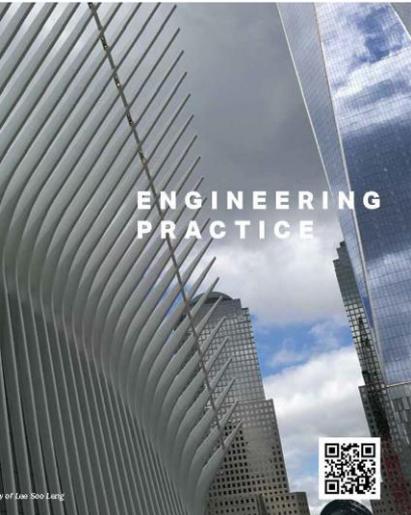
**FREE Admission**  
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<https://bit.ly/31D1o4p>

An aerial, high-angle view of a dense urban skyline, featuring numerous skyscrapers and high-rise buildings. The image is in grayscale, with the text and a horizontal line overlaid in the center.

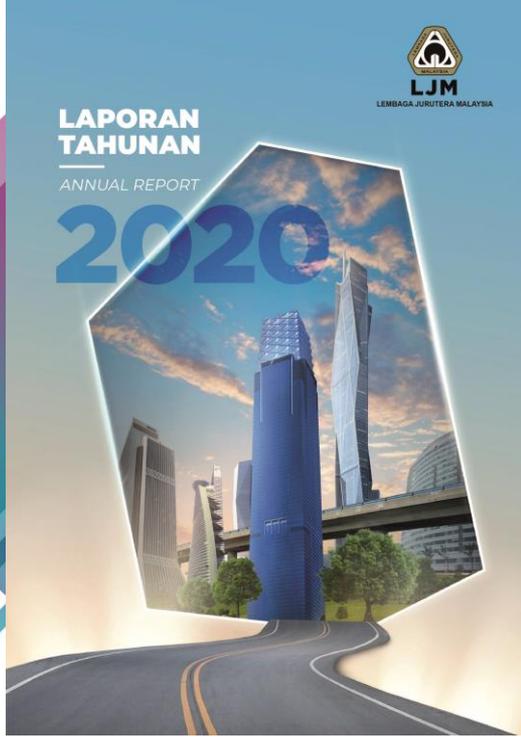
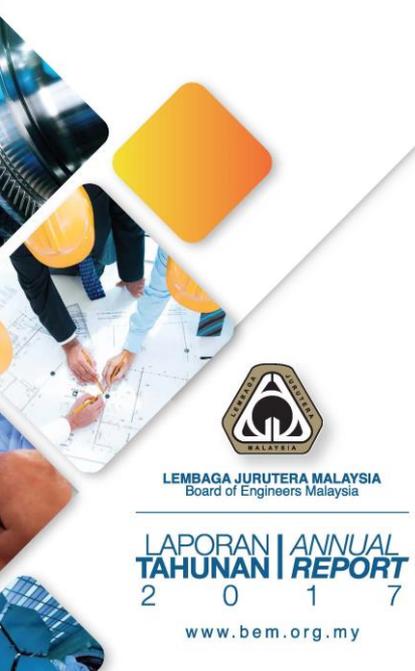
# PENERBITAN LJM



# PENERBITAN – THE INGENIEUR MAGAZINE



# PENERBITAN – LAPORAN TAHUNAN & PENYATA KEWANGAN



# PENERBITAN – PEKELILING & GARIS PANDUAN

Rev. No. : 1  
Date : 13.10.2021



BOARD OF ENGINEERS MALAYSIA

CIRCULAR NO. 002

## CONTINUING PROFESSIONAL DEVELOPMENT (CPD) REQUIREMENTS

This Circular is a revised version of Circular No. 002 (Rev. No.: 0, Date: 6.2.2017)

In exercise of powers conferred by Sections 13(2) and 13(3) of Act 138 Registration of Engineers Act 1967 (Revised up to 2015), and Regulation 20(1)(b) of the Registration of Engineers Regulations 1990 [P.U.(A) 128] (Revised up to 2015), the Board of Engineers Malaysia (BEM) hereby prescribes further conditions to be satisfied for the purpose of issuance of the Certificate of Registration to Registered Professional Engineers with Practising Certificates, Registered Professional Engineers and Registered Inspectors of Works as stated herein below.

1. The BEM in performing its functions under Section 4(1)(c) of Act 138 Registration of Engineers Act 1967 (Revised up to 2015) has caused a mandatory Continuing Professional Development (CPD) Programme to be undertaken by all Registered Professional Engineers with Practising Certificates, Registered Professional Engineers and Registered Inspectors of Works.
2. This Circular states the conditions prescribed by the BEM in respect of the fulfilment on the required CPD Programme for the purpose of renewal of the annual Certificate of Registration for Registered Professional Engineers with Practising Certificates and Registered Professional Engineers; and the triennial (once every three years) Certificate of Registration for Registered Inspectors of Works.

### DEFINITIONS

3. For the purpose of this Circular the following definitions shall apply. Unless defined below, all other terms used shall be as defined in the Registration of Engineers Act 1967 (Revised up to 2015).

CPD Programme : The cumulative CPD Activities over a calendar year which contribute towards the Continuing Professional Development of a Registered Professional Engineer with Practising Certificate (PEPC), a Registered Professional Engineer (PE) or a Registered Inspectors of Works (IOW). Such a contribution would be reflected by the CPD Hours collected by the said PEPC, PE or IOW.

Rev. No.: 0  
Date: 13.3.2022



BOARD OF ENGINEERS MALAYSIA

GUIDELINE NO. 006

## GENERAL GUIDELINES ON INTEGRITY MANAGEMENT SYSTEM FOR ENGINEERING CONSULTANCY PRACTICE

### 1. PURPOSE

The purpose of this guideline is to assist Engineering Consultancy Practice (ECP) in establishing an Integrity Management System (IMS) in line with the principles stated in the Guidelines on Adequate Procedures issued by the Prime Minister Office of Malaysia. The IMS is aimed at assisting ECPs who is a professional as well as a commercial organisation to prevent the occurrence of corrupt practices, manage its integrity risks and implement its integrity policies. IMS if properly implemented can be relied upon as a defence in legal action faced by ECPs under the Corporate Liability Law introduced via Section 17A of the Malaysian Anti-Corruption Commission (Amendment) Act 2018.<sup>1</sup>

### 2. BACKGROUND

2.1 Eradicating corruption has become a high priority agenda in Malaysia. This agenda is also important as it helps protect the reputation of companies and businesses while promoting the development of sustainable and socially responsible practices vital to nation building. The Board of Engineers Malaysia (BEM) in collaboration with Institute of Integrity Malaysia (IIM) has prepared this guideline aimed to create awareness and to promote the implementation of IMS amongst ECP and professional engineers. The beneficial effects of integrity initiatives also bode well for the ECP's through improvements in their competitiveness.

2.2 ECPs and Registered Persons registered with the BEM<sup>2</sup>, is expected to display the highest standard of integrity in carrying out there services as it directly impacts public health, safety, and welfare. Integrity is the practice of maintaining appropriate ethical behaviour and showing strong adherence to moral and ethical principles and values such as honesty, impartiality, fairness, equity, dependability and trustworthiness.

2.3 Integrity is the foundation for a successful Client-ECP relationship and essential for the long-term sustainability of an ECP. It is also in line with international best practice.<sup>3</sup> ECPs with ISO 37001:2016<sup>4</sup> certification has become a pre-requisite for many project participation.

Rev. No.: 0  
Date: 24.6.2022



BOARD OF ENGINEERS MALAYSIA

CIRCULAR NO. 012

## EXEMPTION OF BUSINESS PREMISE LICENCE FOR ENGINEERING CONSULTANCY PRACTICE (ECP)

In exercise of the powers conferred by paragraph 4(1)(f) of the Registration of Engineers Act 1967 [Act 138], the Board of Engineers Malaysia (the Board) hereby determines that:

ECPs are exempted from applying for Business Premise License from Pihak Berkuasa Tempatan (PBT) as stipulated under section 102(a) of the Local Government Act 1976 (Act 171).

This is pursuant to the decision of the meeting 'Majlis Negara bagi Kerajaan Tempatan' (MKNT) No.27 (a copy of which is attached in Appendix A) held on 4<sup>th</sup> December 1982.

A more recent circular from Kementerian Perumahan dan Kerajaan Tempatan to all relevant PBTs reference no JKT.D(S)100-3/6Jld20 (32) dated 30<sup>th</sup> September 2020 (a copy of which is also attached in Appendix B) relating to the same matter is also referred.

[Board Meeting 349<sup>th</sup> / 24<sup>th</sup> June, 2022]

DATUK IR. HAJI MOHAMAD ZULKEFLY BIN SULAIMAN  
President  
BOARD OF ENGINEERS MALAYSIA

# PENERBITAN – PEKELILING & GARIS PANDUAN



LEMBAGA JURUTERA MALAYSIA  
BOARD OF ENGINEERS MALAYSIA

TINGKAT 17, IBU PEJABAT JKR  
KOMPLEKS KERJA RAYA MALAYSIA  
JALAN SULTAN SALAHUDDIN  
50580 KUALA LUMPUR  
MALAYSIA



CERTIFIED TO ISO 9001:2015  
CERT. NO. : QMS/0009

YANG DIPERTUA:  
Dato' Ir. Haji Mohamed Zukelly bin Sulaiman

PENDAFTAR:  
Ir. Dr. Megat Zuhairy bin Megat Tajuddin

SETIAUSAHA:  
Ir. Haroah bin Hashim

Our Ref: BEM/PPC/05-51 bil (04)  
Dated : 12 AUGUST 2022

To:  
Engineering Consultancy Practices (ECP)

Dear Sir/Madam,

**REGISTRATION OF DATA USERS GAZETTED UNDER P.U.A. 336 PERSONAL DATA PROTECTION ACT 2010 (ACT 709)**

This circular letter serves to inform all ECPs that engineering services is categorized among data users that are required to be registered under Act 709.

Hence, the Board of Engineers Malaysia (BEM) hereby advises all ECPs to be registered under the said Act.

Yours faithfully,

(Ir. Dr. MEGAT ZUHAIRY BIN MEGAT TAJUDDIN)  
Registrar,  
BOARD OF ENGINEERS MALAYSIA



LEMBAGA JURUTERA MALAYSIA  
BOARD OF ENGINEERS MALAYSIA

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PENDAFTAR:  
Ir. Dr. Megat Zuhairy bin Megat Tajuddin

SETIAUSAHA:  
Ir. Haroah bin Hashim

Our Ref: BEM/PPC/05-49  
Date: 17<sup>th</sup> AUGUST 2022

To:  
Engineering Consultancy Practices (ECP)  
& Professional Engineers with Practicing Certificate (PEPC)

Dear Sir/Madam,

**RE: SUBMISSION OF EROSION AND SEDIMENTATION CONTROL PLAN (ESCP) FOR EARTHWORKS PLAN SUBMISSION**

This circular letter serves to inform all ECPs and PEPCs that a meeting was held between Board of Engineers Malaysia (BEM) and Jabatan Alam Sekitar (JAS) on 24<sup>th</sup> March 2022 to clarify a query from an ECP, The Institution of Engineers Malaysia (IEM) and some PEPCs on the issue of JAS imposing a condition that any submission of Erosion and Sedimentation Control Plan (ESCP) submitted for earthworks plan can only be submitted by a Certified Professional in Erosion and Sediment Control (CPESC).

At the said meeting, BEM informed JAS that the preparation of an ESCP falls under the definition of professional engineering services as stated in the Registration of Engineers Act 1967. Also, CPESC is a certificate issued by a non-government organization in the United States. BEM as the authority to regulate engineers should be the rightful authority to accredit engineers for specific field of engineering practice.

JAS representative confirmed to BEM at this meeting that JAS is not involved with engineer certification or CPESC. JAS has not imposed the requirement that ESCP can only be submitted by CPESC. For submission of ESCP, JAS requires that it be approved by Jabatan Pengairan dan Saliran (JPS).

Yours faithfully,

(Ir. Dr. MEGAT ZUHAIRY BIN MEGAT TAJUDDIN)  
Registrar,  
BOARD OF ENGINEERS MALAYSIA



**PERISTIWA PENTING**  
**2022**  

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**HIGHLIGHTS**

# PERATURAN PENDAFTARAN 34A – 100% pegangan saham

- 34A.** (1) A body corporate registered as an Engineering consultancy practice under section 7A of the Act shall have –
- (a)* a minimum paid up capital of fifty thousand ringgit; and [P.U. (A) 438/2021]
- (b)* *[Deleted]* [P.U. (A) 438/2021]

**paid up capital and equity.**  
[P.U. (A) 173/2015]

- 13 -

- 
- (c)* the share equity may be held by – [P.U. (A) 438/2021]
- (i)* any person; or [P.U. (A) 173/2015]
- (ii)* any body corporate; or [P.U. (A) 173/2015]
- (iii)* any person and body corporate. [P.U. (A) 173/2015]

**P.U. (A) 128.**

# PELAN STRATEGIK LJM 2021-2025



## VISION

An authoritative body of international standing that regulates engineering practice.

## MISSION

Regulate engineering services, conforming to professional ethics and international best practices, in order to protect the public.

## President's Message



First of all, I would like to express my deepest gratitude to Allah SWT because with His permission, this Strategic Plan of the Board of Engineers of Malaysia 2021-2025 can be produced successfully.

This Strategic Plan is an important document that details BEM's planning covering the direction, focus areas and action plan for the next five years. This BEM Strategic Plan document is comprehensive, holistic, and a structured approach to achieving set targets.

A sound Strategic Plan is translated into an action plan that includes focused and thorough planning, systematic implementation and effective monitoring. Annual reviews will be conducted to assess the achievement of the set targets in addition to quarterly reporting of the progress.

I believe BEM will continue to be a committed and consistent organization in delivering strategy-focused services and able to perform effectively and efficiently. The achievement of this Strategic Plan is the shared responsibilities of all: BEM Board, committees and staff, the driving forces for the successful implementation of this Strategic Plan.

God willing I hope all the directions outlined in the BEM Strategic Plan will be realized in line with the vision and mission of BEM.

## Executive Summary

The Strategic Plan 2021 – 2025 was initiated at Bukit Tinggi, Pahang, with the aim to propel the Board of Engineers Malaysia (BEM) to be a prominent and authoritative regulatory body. Board members and representatives from all BEM's committees were involved in the development of the Strategic Plan. SWOT Analysis was conducted prior to ascertaining the five thematic strategies and their respective initiatives to be undertaken. The initiatives agreed upon were mostly within the functions of the BEM, as outlined by the Registration of Engineers Act 1967 Amendment 2015 (REA), which are to regulate engineering services in ensuring public safety. The Strategic Plan also included initiatives that would push for the BEM to be an empathised body and asserting the leadership of the engineering fraternity.

Five thematic strategies with initiatives, measures, activities, timelines were developed to deliver the following substantial outcomes:

- to increase significantly the number of registered persons; engineers, engineering technologists and engineering technicians.
- getting all engineering, engineering technology and engineering technician education programmes in Malaysia to be accredited by BEM and thus receiving the recognition of the industry.

- having Engineering Consultancy Practices with good governance.
- registered persons asserting leadership positions both nationally and internationally, and
- thrusting the BEM's engagement agenda and delivering of its functions to reach greater heights.

The five-year Strategic Plan is overseen by the Quality Committee and supported by the Working Group on Strategic Plan and a Joint Committee of the five thematic strategies. Each thematic strategy is coordinated by an appropriate BEM committee with significant number of initiatives related to its term of reference. The Board at its 343<sup>rd</sup> meeting on 13<sup>th</sup> October 2021 approved implementation of the Strategic Plan through quarterly reporting and undertaking of the initiatives under the five thematic strategies.

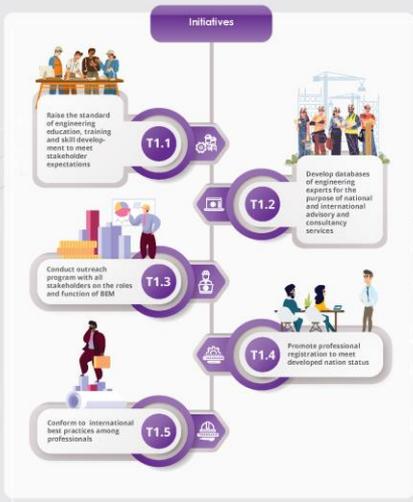
# PELAN STRATEGIK LJM 2021-2025

## 01 THEME ENHANCE THE VALUE OF THE ENGINEERING PROFESSION

**Strategy** Promote delivery of engineering services to top into Global Value Chain

**Description** Enhancing the value of engineering profession through a strategy, promoting delivery of engineering services to top into Global Value is aimed to enhance further the demand of registered persons and engineering entities to international level and looking their performance using database and knowledge management. Ramping up the promotion of engineering experts and the engineering entities of the global level is thus inevitable. The global levelers of registered persons is leveraged through them meeting the EAC and EPAC accreditation standards at the entity level and having qualified proficiency of the international level.

**Expected Outcome** Visible of International platform (Individuals and Organizations)



## 02 THEME SAFEGUARD PUBLIC SAFETY, HEALTH & INTEREST

**Strategy** Promote the highest level of integrity, responsibility and accountability within the engineering fraternity

**Description** A strategy to promote BEM's core values, integrity, responsibility and accountability and internalising them within the engineering fraternity, is geared to instilling public safety, health and interest. This would be undertaken through collaborative activities with organisations responsible directly on safety, health and environment and good through promoting industry best practices and good governance in these areas.

**Expected Outcome** Adoption integrity pledge to drive a shift in Safety, Health & Environment (SHE) culture.



## 03 THEME ASSERT LEADERSHIP OF ENGINEERING PROFESSION NATIONALLY & INTERNATIONALLY

**Strategy** Empower engineering professionals to gain industry leadership role.

**Description** Asserting the leadership of the engineering profession through a strategy, empowering engineering professionals to gain industry leadership role, calls for a proactive approach to thrust engineering personnel to leadership positions at national and international levels. Registered persons would be urged to be actively involved in determining policies, directions and engineering agencies.

**Expected Outcome** To list include in engineering lists or leadership positions nationally and internationally.



# PELAN STRATEGIK LJM 2021-2025

## 04 THEME ENHANCE PUBLIC IMAGE & BRANDING

**Strategy** Enhance engagement with stakeholders to raise stature of engineering profession

**Description** Enhancing BEM's public image and brand via a strategy. Boosting engagement with stakeholders to raise the stature of engineering profession, would strengthen BEM as a principled and empathised regulatory body. Managing perceptions through effective communication and providing prompt and accurate information are thus fundamental.

**Expected Outcome** Transformation to become principled and empathy authority

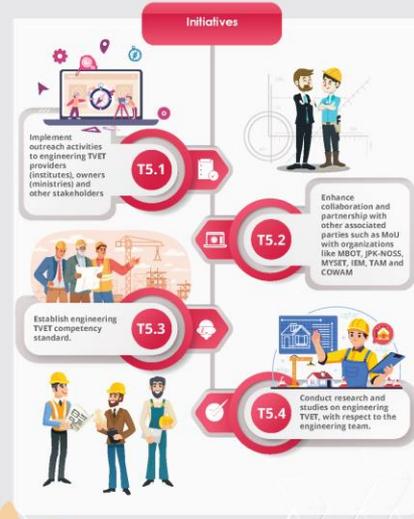


## 05 THEME PROMOTE ENGINEERING TVET

**Strategy** Lead in promoting engineering technologists and engineering technicians

**Description** Strengthening engineering technology, a new domain within the Engineering hierarchy, is essential to promote the development of engineering technologists and engineering technicians. Considerable engagement is crucial with the various stakeholders in order to give due recognition to the complementary roles of engineering technologists and vital supporting roles of engineering technicians, as promulgated in the REA.

**Expected Outcome** 80% of IHL having accredited programs with EIAC and 5 fold increase registration of Engineering Technologist and Inspector of Works



# MOU DI ANTARA LJM & JKR SARAWAK & SABAH



18.4.2022

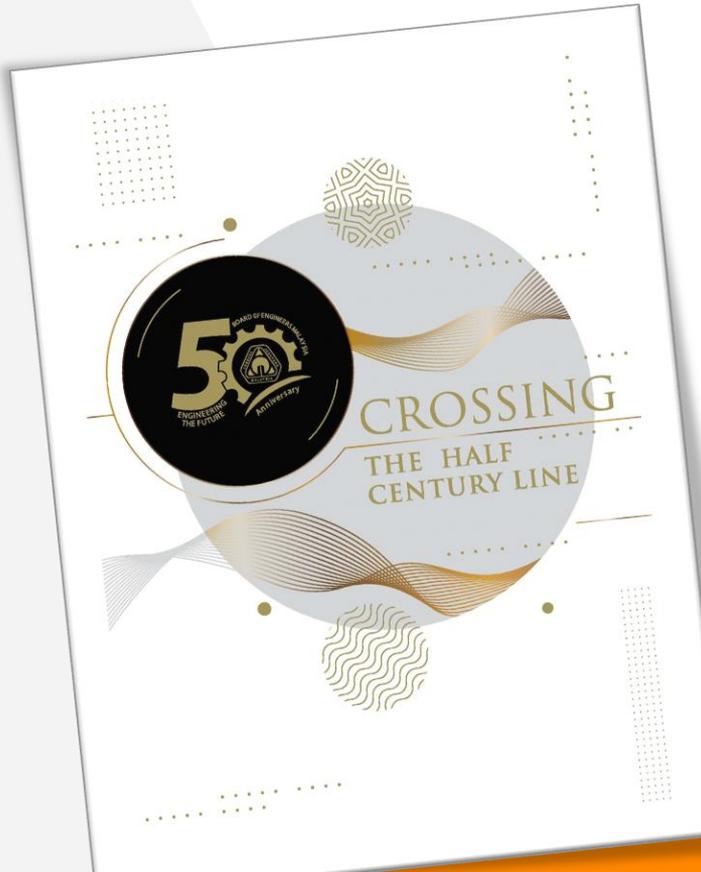
14.3.2022



# PERASMIAN PEJABAT SEKRETARIAT LJM DI KUCHING, SARAWAK (30.7.2022)



# PELANCARAN BUKU CROSSING THE HALF CENTURY (20.8.2022)



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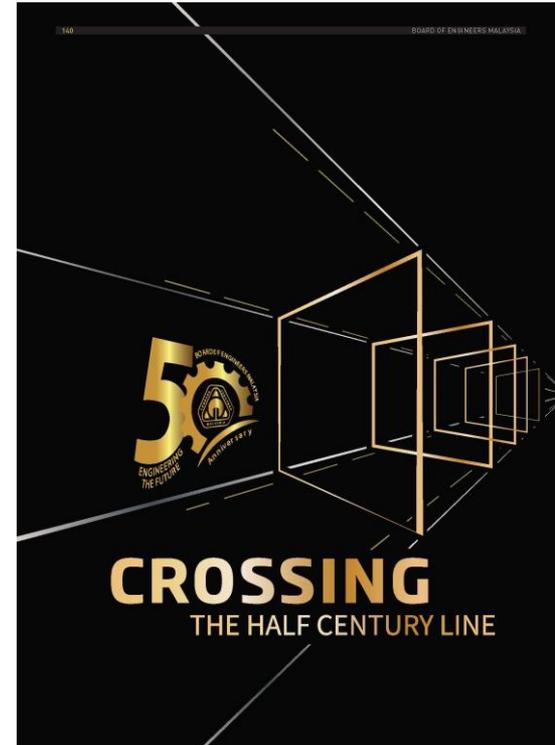
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# ANUGERAH TOKOH KEJURUTERAAN LJM MALAYSIA 2022



YBHG. TAN SRI DATUK DR. Ir. AHMAD TAJUDDIN BIN ALI

# ANUGERAH TOKOH MUDA KEJURUTERAAN LJM MALAYSIA 2022



# ANUGERAH BESHEXA 2022



PY KONSEP PERUNDING SDN BHD

# LAPORAN MENGENAI ISU GAJI PERMULAAN JURUTERA RENDAH 2022



LEMBAGA JURUTERA MALAYSIA

## LAPORAN MENGENAI ISU GAJI PERMULAAN JURUTERA RENDAH

2022

Laporan disediakan dengan seimbang tanpa sebarang prejudis dan prasangka.

Hakcipta Terpelihara @ Lembaga Jurutera Malaysia, 2022

© Hakcipta Terpelihara. Tiada bahagian daripada penerbitan ini boleh diterbitkan semula, disimpan dalam sistem perolehan semula atau dihantar dalam sebarang bentuk atau dengan sebarang cara; elektronik, mekanikal, fotokopi, rakaman atau sebaliknya, tanpa kebenaran bertulis daripada Lembaga Jurutera Malaysia terlebih dahulu.

Diterbitkan oleh:  
Lembaga Jurutera Malaysia  
Tingkat 17 Blok F Ibu Pejabat JKR  
Kompleks Kerja Raya Malaysia  
Jalan Sultan Salahuddin  
50580 Kuala Lumpur  
Malaysia.

Hak cipta terpelihara  
Lembaga Jurutera Malaysia, 2022

# MAJLIS MAKAN MALAM ULANG TAHUN KE-50 (20.8.2022)



# MAJLIS MAKAN MALAM ULANG TAHUN KE-50 (20.8.2022)



# MAJLIS MAKAN MALAM ULANG TAHUN KE-50 (20.8.2022)

MAJLIS MAKAN MALAM  
ULANG TAHUN KE-50  
JURUTERA MALAYSIA



# MAJLIS MAKAN MALAM ULANG TAHUN KE-50 (20.8.2022)





# PENGIKTIRAFAN ANTARABANGSA

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# PENANDATANGAN WASHINGTON ACCORD



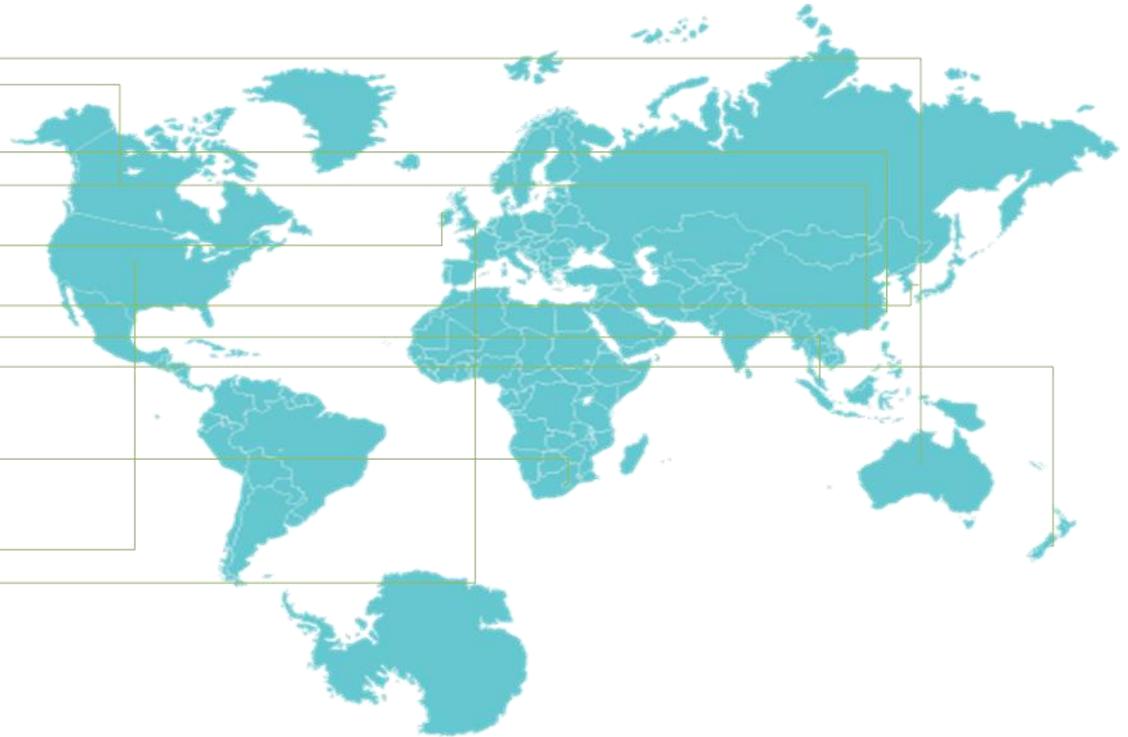
1. Australia
2. Canada
3. China
4. Chinese Taipei - Taiwan
5. Hong Kong China
6. India
7. Ireland
8. Japan
9. Korea
10. Malaysia
11. New Zealand
12. Russia
13. Singapore
14. South Africa
15. Sri Lanka
16. Turkey
17. United States
18. United Kingdom
19. Pakistan
20. Peru
21. Costa Rica



# PENANDATANGAN SYDNEY ACCORD



1. Australia
2. Canada
3. Chinese Taipei - Taiwan
4. Hong Kong China
5. Ireland
6. Korea
7. Malaysia
8. New Zealand
9. South Africa
10. United States
11. United Kingdom



# PENANDATANGAN DUBLIN ACCORD



1. Australia
2. Canada
3. Ireland
4. Korea
5. Malaysia
6. New Zealand
7. South Africa
8. United States
9. United Kingdom



# MOBILITI PROFESIONAL NEGARA ASEAN



## BEM as the caretaker for ASEAN Chartered Professional Engineer (ACPE)

Brunei	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
32	98	1,397	17	<b>2,249</b>	613	769	323	234	322

**6,054** (as of 1 October 2022)



SEKIAN,  
TERIMA KASIH

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