



BEM REPORT CARD 2023

Presented by:

Ir. HAMZAH BIN HASHIM

BEM Secretary



Session:
22nd August 2023



MATRADE Hall,
MATRADE Exhibition & Convention Centre



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About BEM

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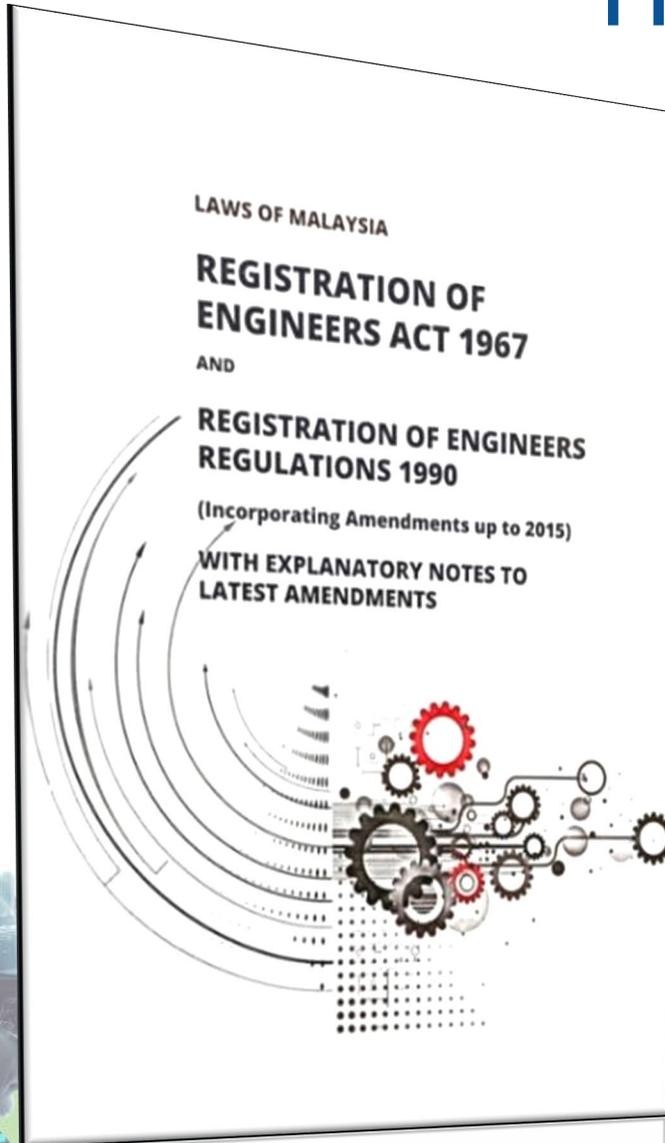


Introduction to

LEMBAGA JURUTERA MALAYSIA
BOARD OF ENGINEERS MALAYSIA

”

THE PURPOSE OF THE ENGINEERS' ACT

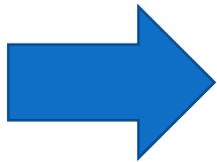
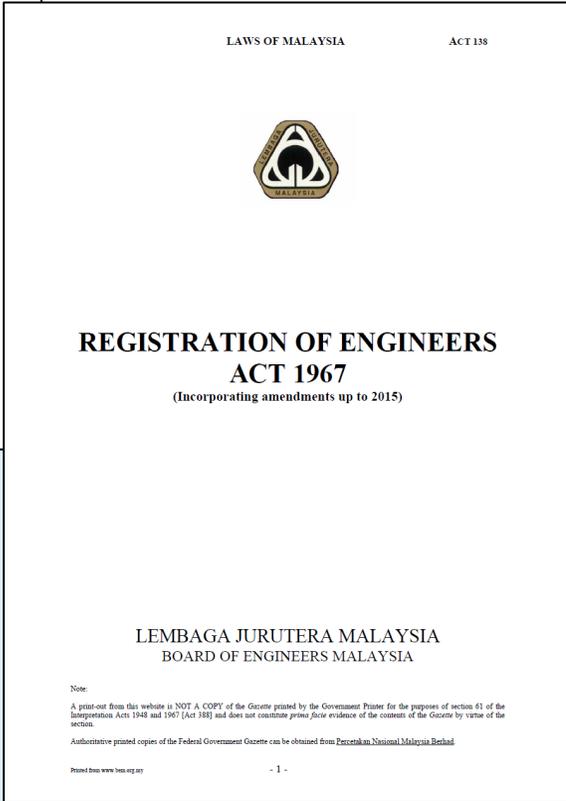
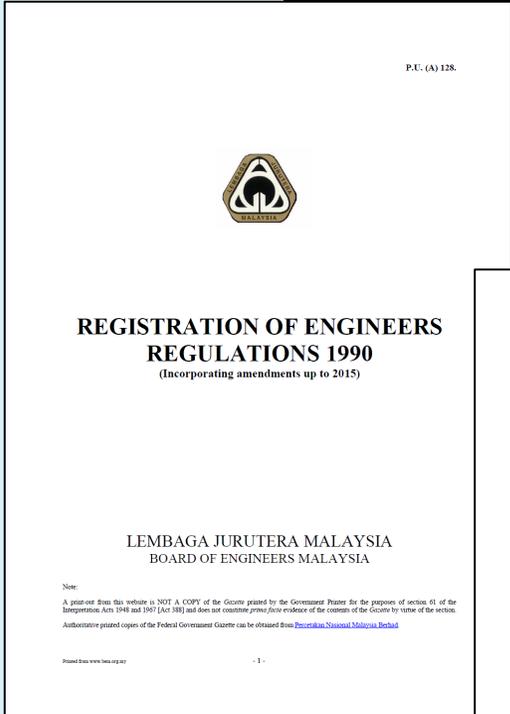


To **protect the public** by legislative control so that the practice of engineering, which has a bearing on public safety, health and welfare, can only be carried out by licensed professional engineers.

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;

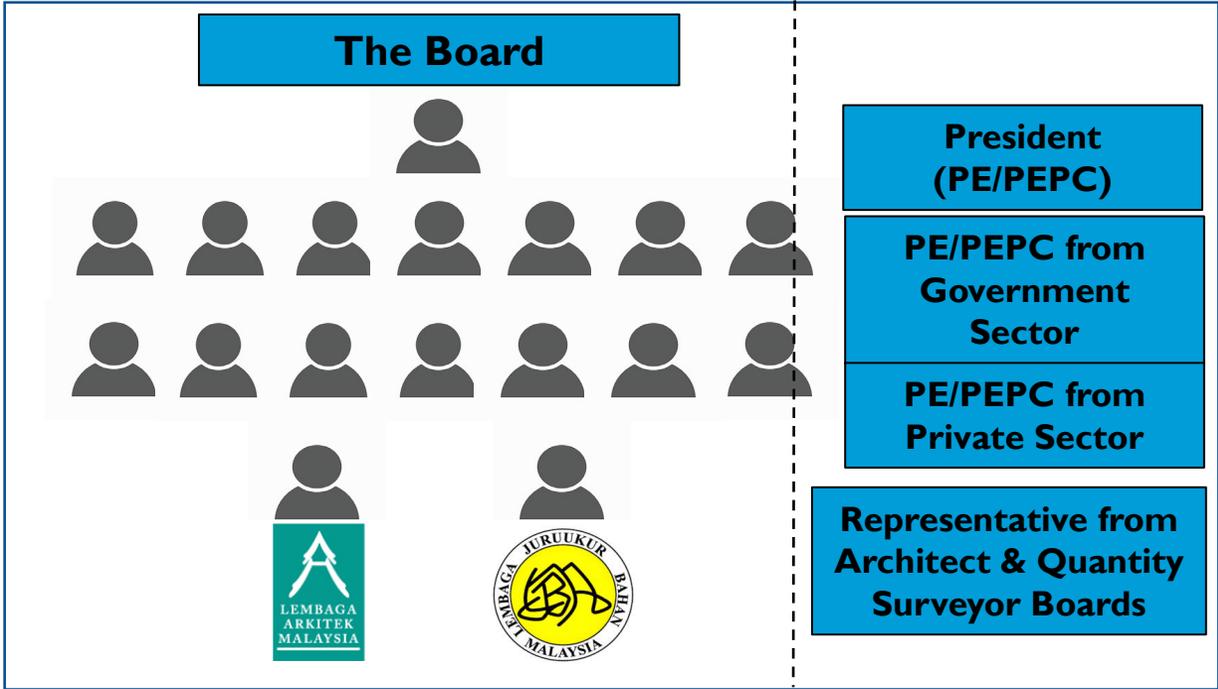
ESTABLISHMENT OF BEM



Formed on 23rd August 1972



MINISTRY OF WORKS



COMPOSITION BOARD MEMBERS 2022-2023



President : Section 3(2)(a)

(a) A President who shall be a Professional Engineer or a Professional Engineer with Practising Certificate



**Datuk Ir. Haji Ahmad Redza
bin Ghulam Rasool**

COMPOSITION BOARD MEMBERS 2022-2023

Section 3(3)(a) – Public Service of the Federation



Ir. Haji Mohd Hatta bin Zakaria



Ir. Richard Anak Tajan



Dato' Ir. Dr. Ahmad Anuar bin Othman



Ir. Haji Badioezaman bin Ab Khalik



Dato' Ir. Dr. Md. Nasir bin Md Noh

COMPOSITION BOARD MEMBERS 2022-2023

Section 3(3)(b) – Service of Local Authority / Statutory Body



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



Prof. Ir. Dr. Zuhaina binti Zakaria

COMPOSITION BOARD MEMBERS 2022-2023

Section 3(3)(c) – Private Practice



Ir. Sundraraj a/l A. Krishnasamy



Ir. Mohd Khir bin Muhammad



Ir. Sharifah Azlina binti Raja Kamal Pasmah



Datuk Ir. Mohd Adnan bin
Mohd Nor



Ir. Fam Yew Hin

COMPOSITION BOARD MEMBERS 2022-2023

Section 3(3)(d) – Full time employment of any person/body of person



Dato' Indera Ir. Baharin bin Din



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

COMPOSITION BOARD MEMBERS 2022-2023

Section 3(2)(c) & (d) – BAM Member & BQSM Members



Dato' Ar. IDr. Azman bin Md. Hashim



Sr Rogayah binti Yunus



EX-OFFICIO 2022-2023

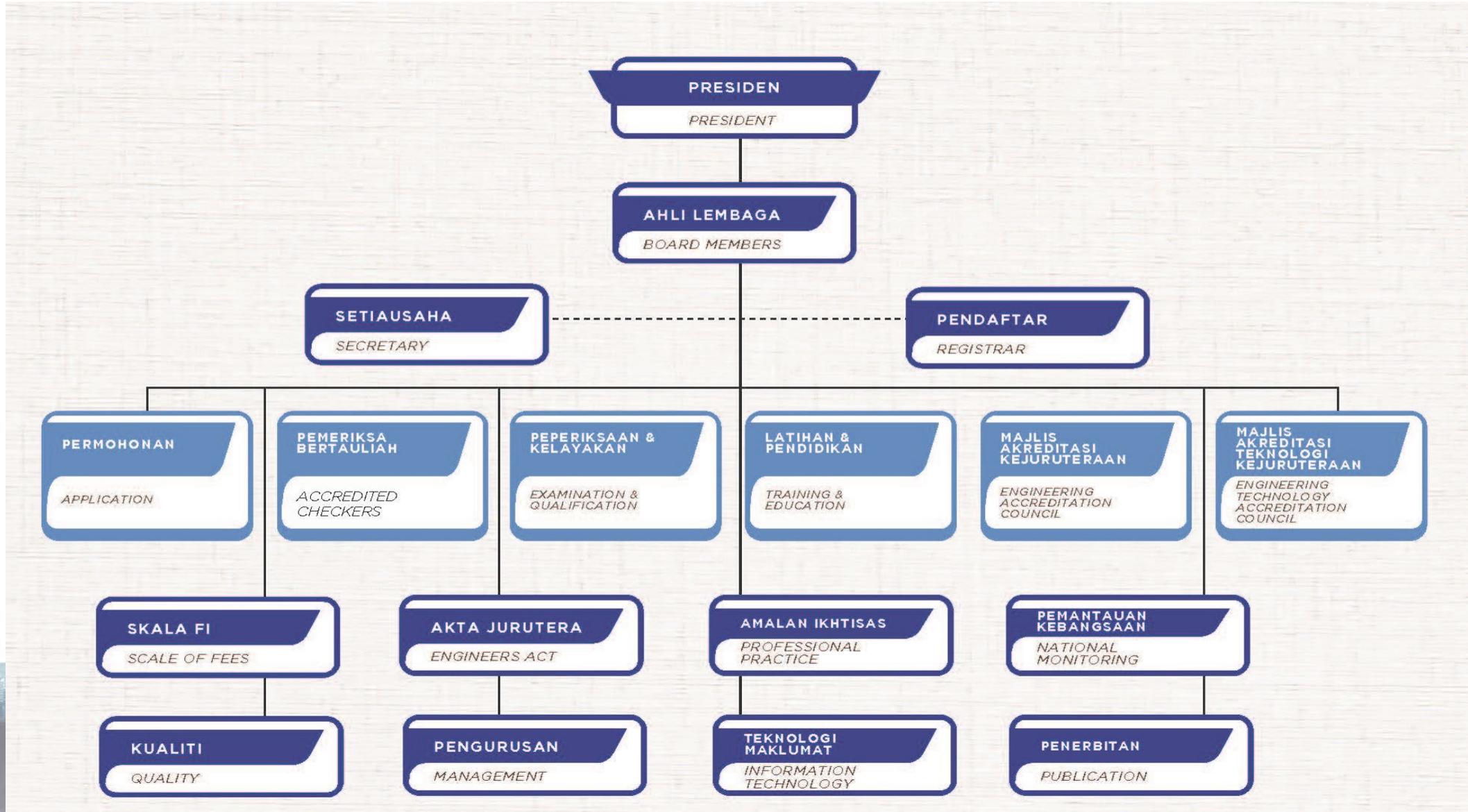


Ir. Dr. Megat Zuhairy Bin Megat Tajuddin
(Registrar)



Ir. Hamzah bin Hashim
(Secretary)

ORGANISATION CHART





STATISTICS REGISTERED PERSON & ENGINEERING CONSULTANCY PRACTICE





Statistic

Registered Person

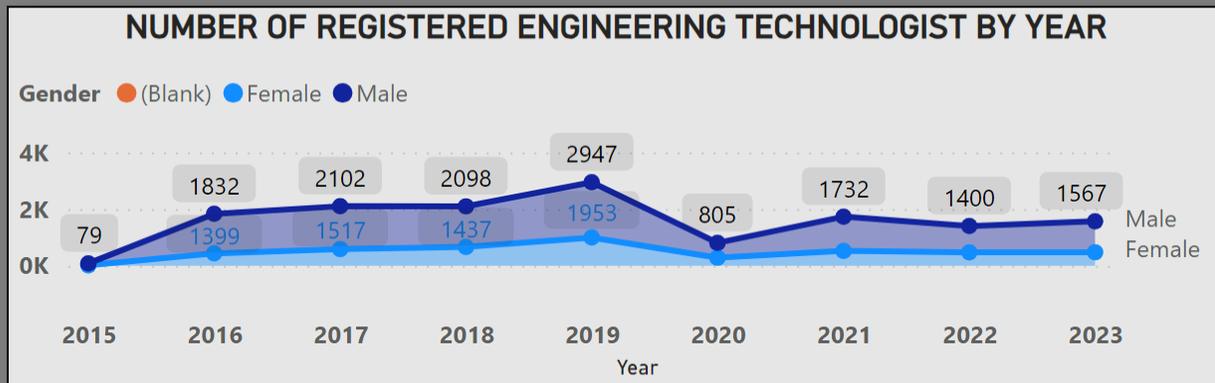
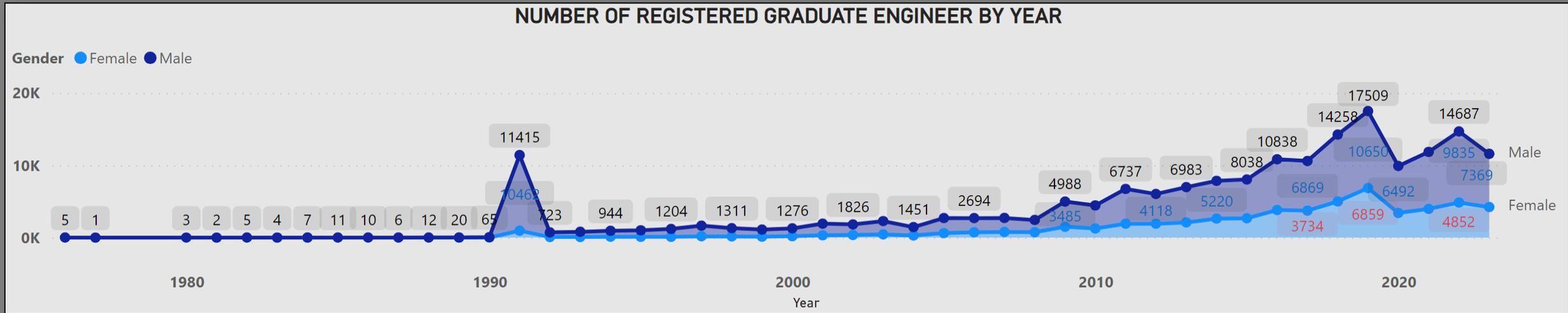
Category	Total
AC	42
ACPE	2725
ET	14561
GE	188820
IOW	8436
IOW-i	886
PE	23086
PEPC	10742
RFPE	9
Total	249307

Engineering Consultancy Practice

Category	Total
Body Corporate	1783
Multi Disciplinary	75
Partnership	362
Sole Proprietor	1887
Total	4107

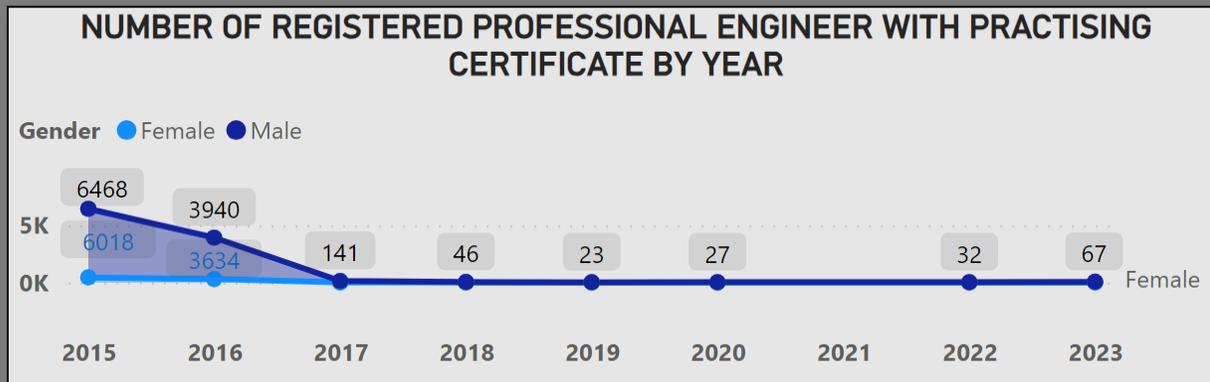
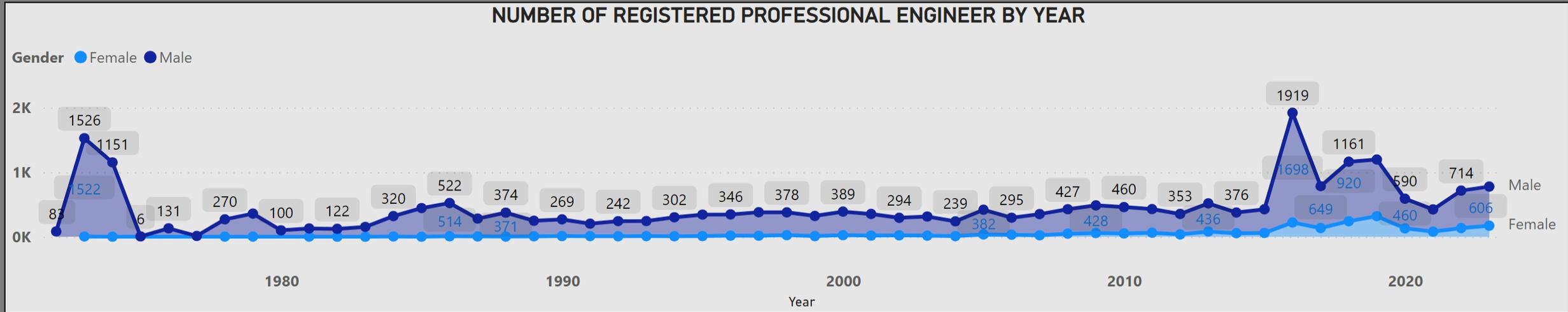


Statistic





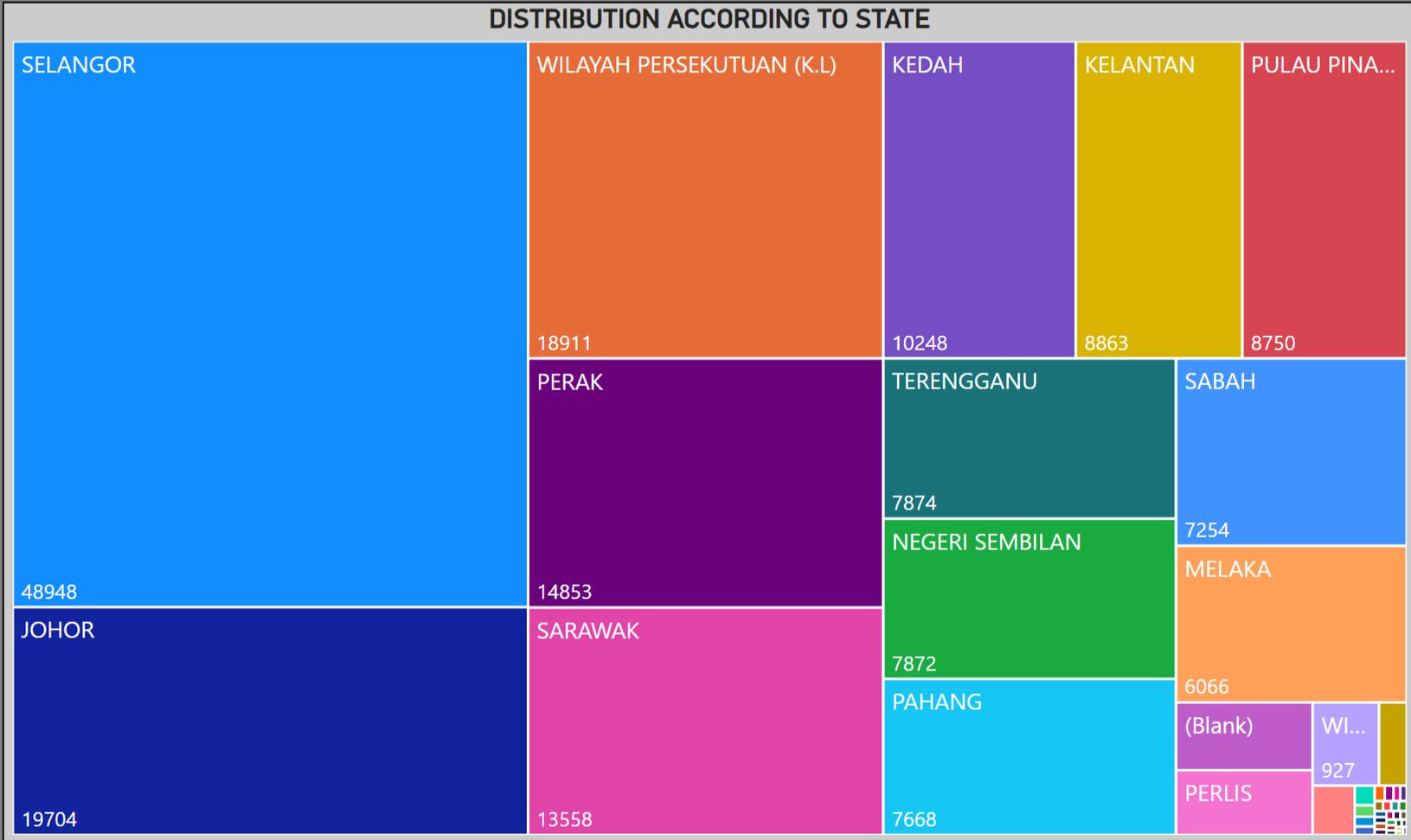
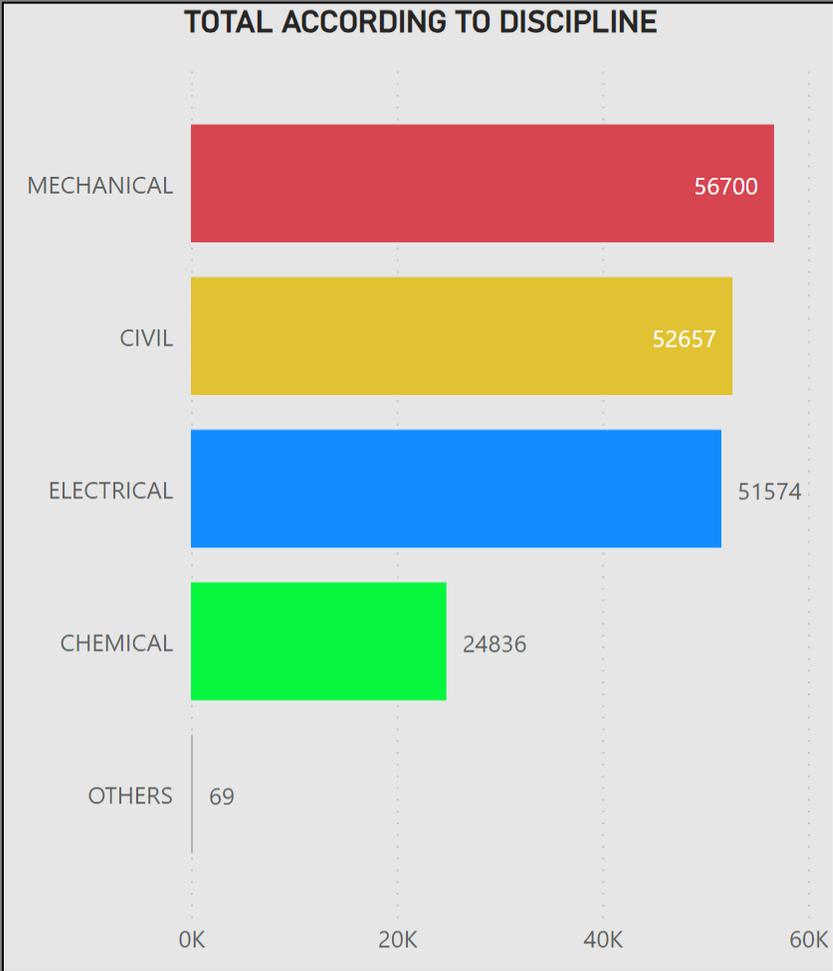
Statistic





Details

GRADUATE ENGINEERS

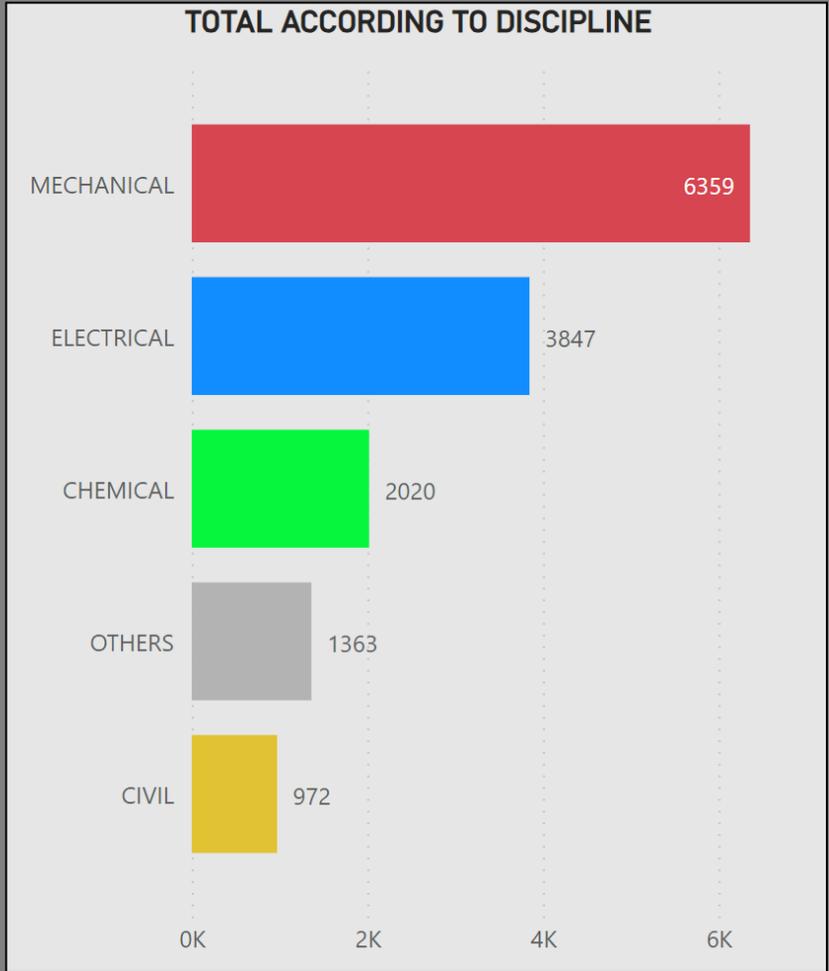




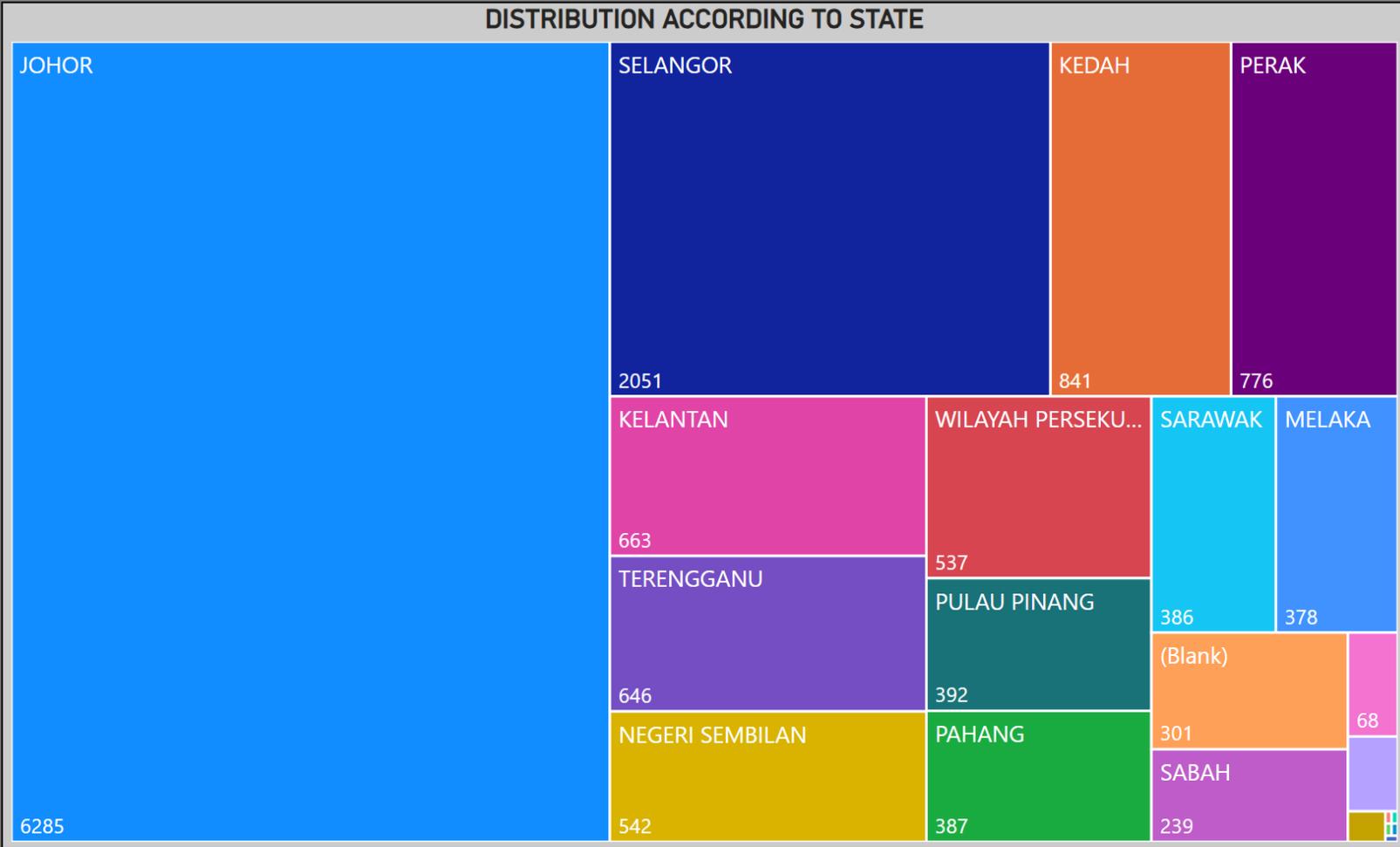
Details

ENGINEERING TECHNOLOGIST

TOTAL ACCORDING TO DISCIPLINE



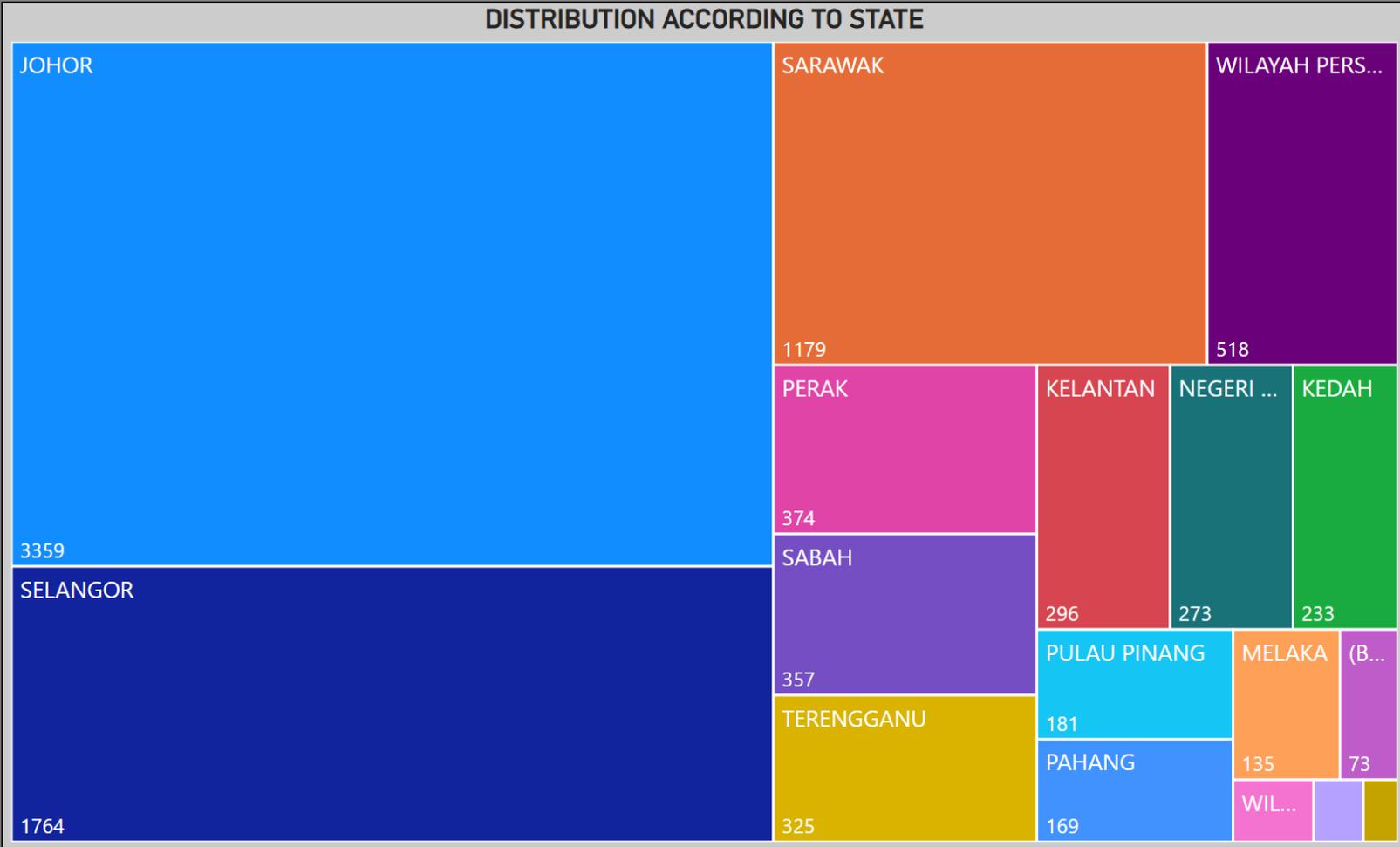
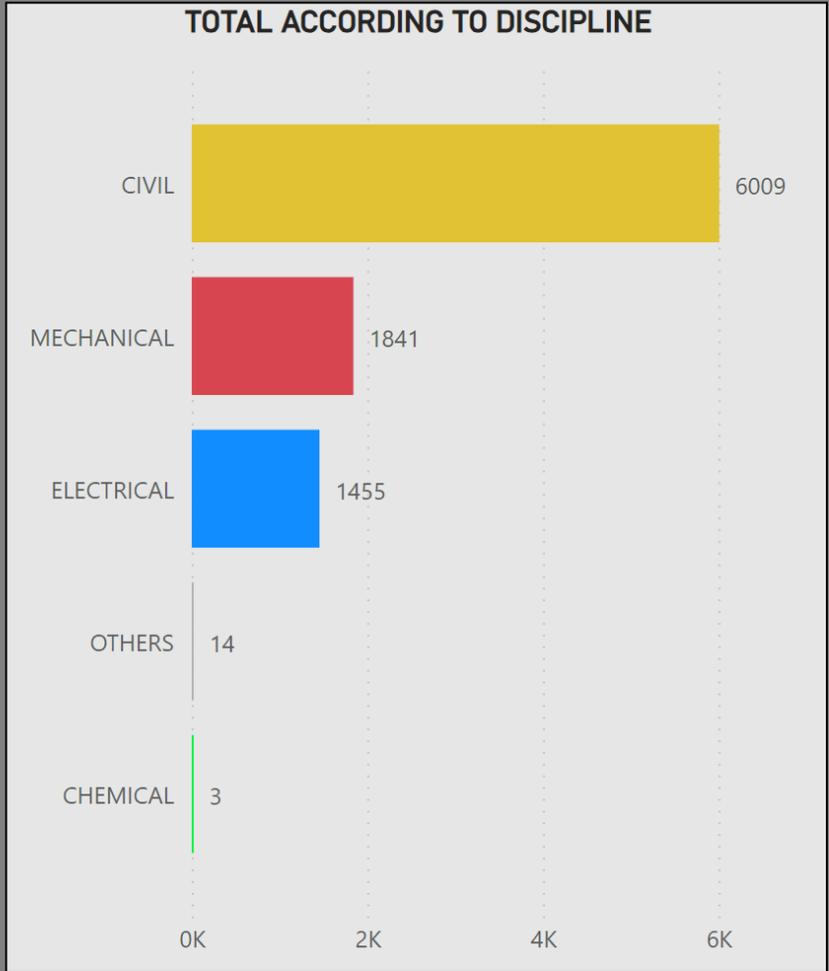
DISTRIBUTION ACCORDING TO STATE





Details

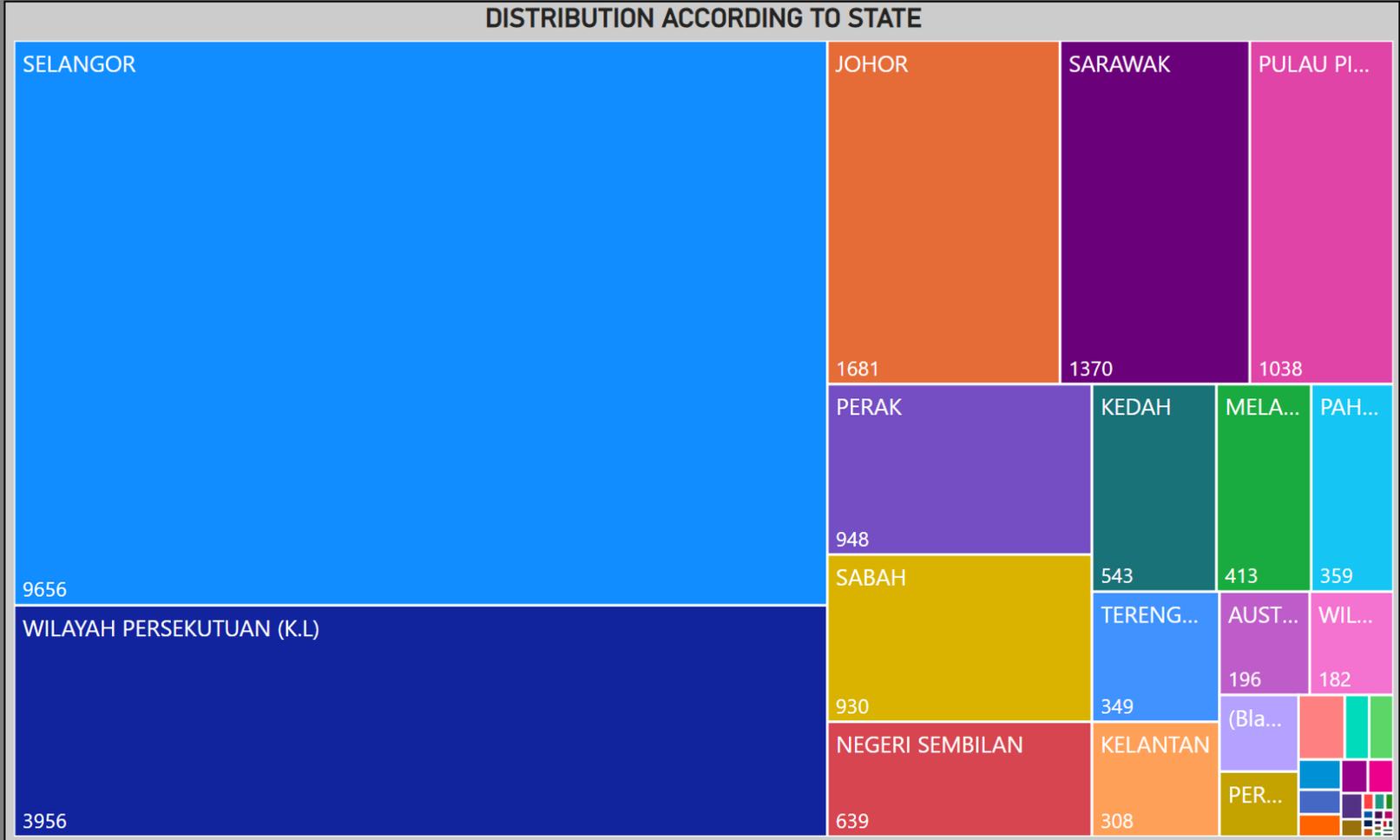
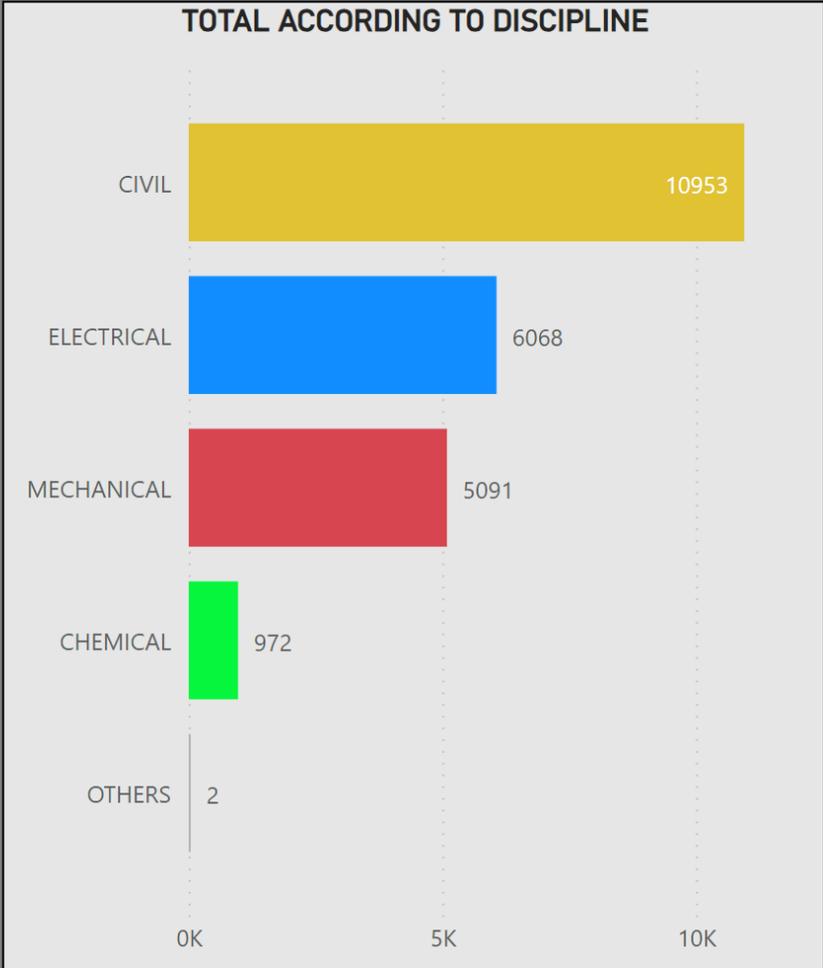
INSPECTOR OF WORKS





Details

PROFESSIONAL ENGINEER

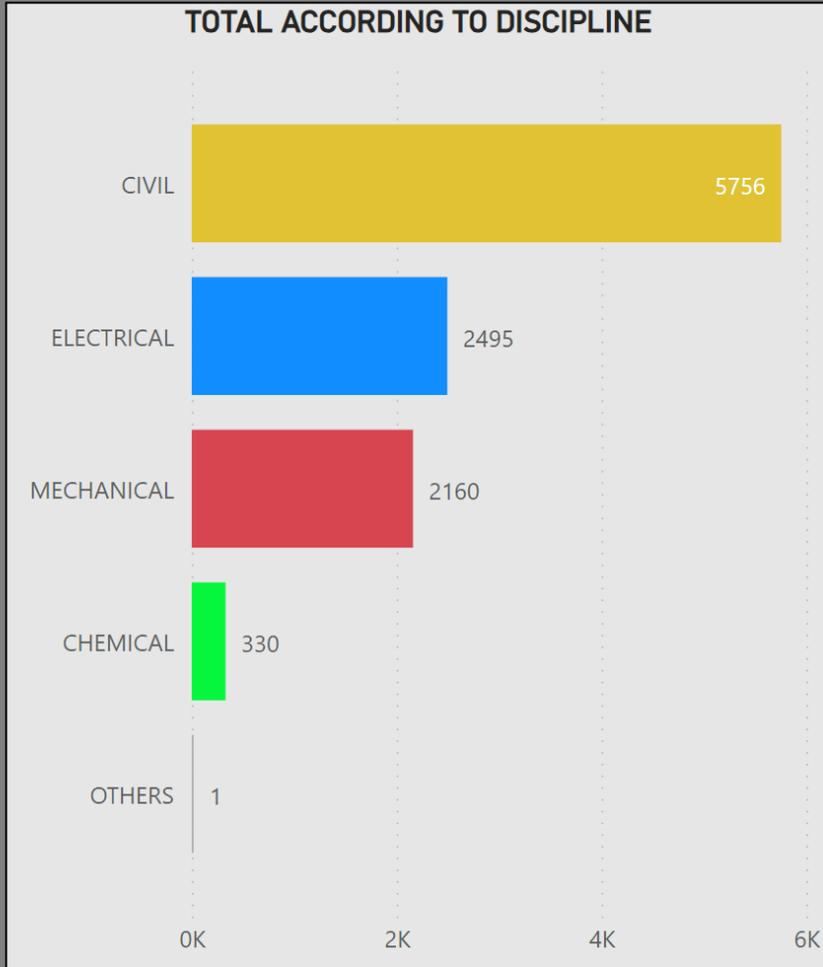




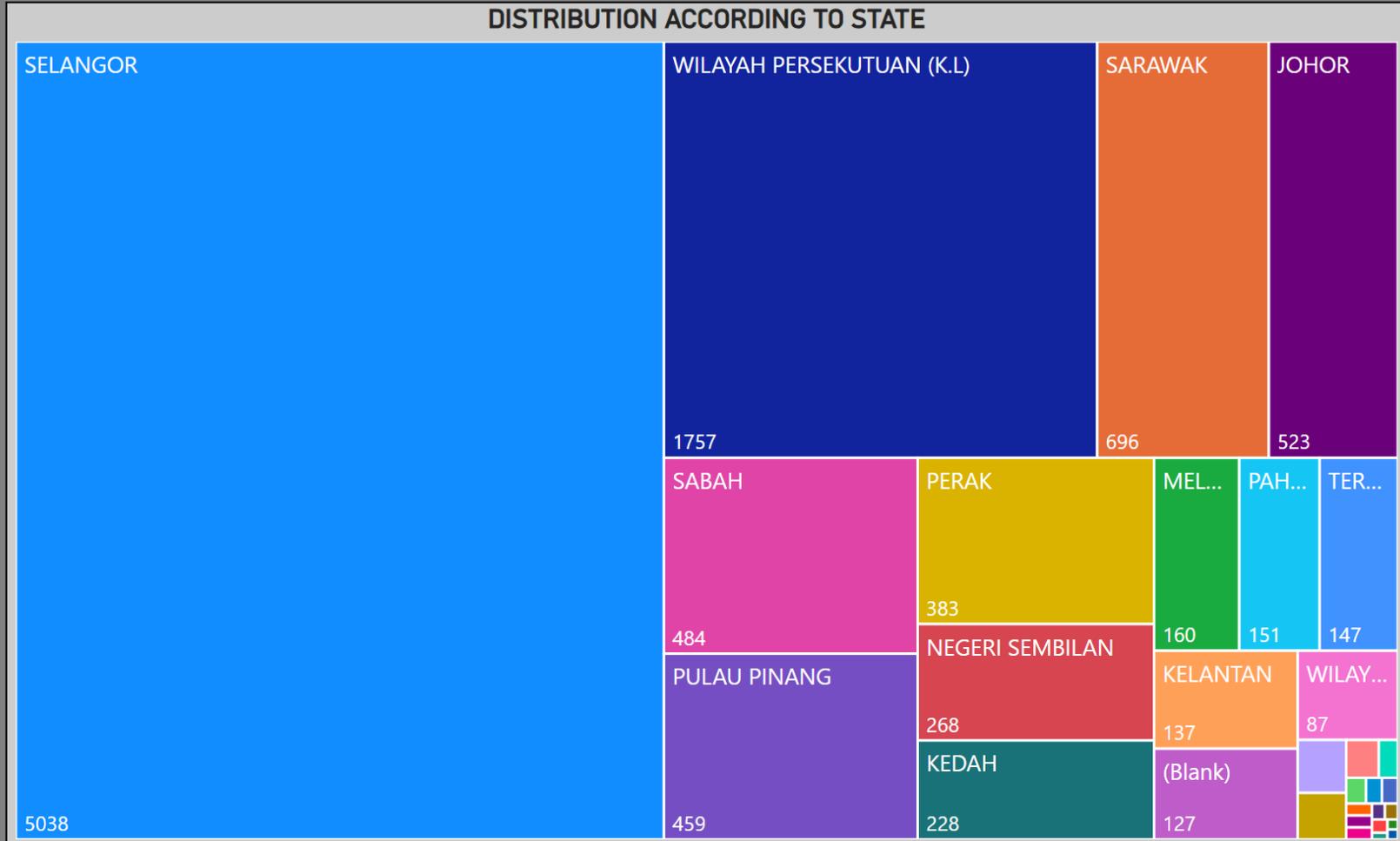
Details

PROFESSIOANL ENGINEER WITH PRACTISING CERTIFICATE

TOTAL ACCORDING TO DISCIPLINE



DISTRIBUTION ACCORDING TO STATE



“



COMPLAINT CASES

”



COMPLAINT RECEIVED

Kes Tatalaku Code of Conduct Cases				
Tahun Year	Kes Baharu New Case	Prima Facie		Dalam Proses Under Process
		Tidak No	Ya Yes	
2017	47	19	28	-
2018	66	43	23	-
2019	59	21	38	-
2020	27	16	11	-
2021	48	27	19	2 (Kes Mahkamah/Court Case)
2022	41	23	15	3
2023 (setakat Jun 2023/as at June 2023)	18	10	4	4

“

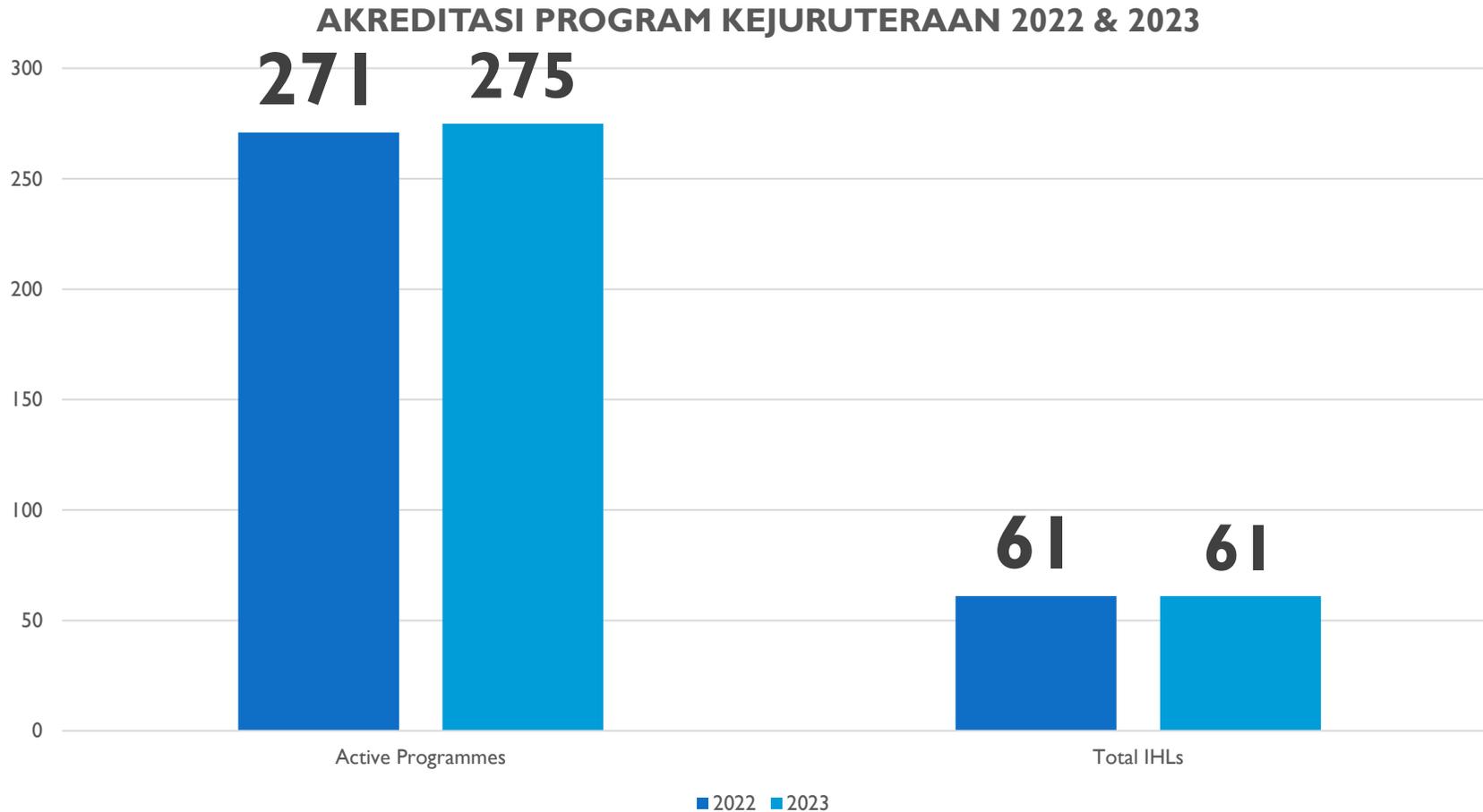


ENGINEERING PROGRAMME ACCREDITATION

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ACCREDITED ENGINEERING PROGRAMME 2022 & 2023



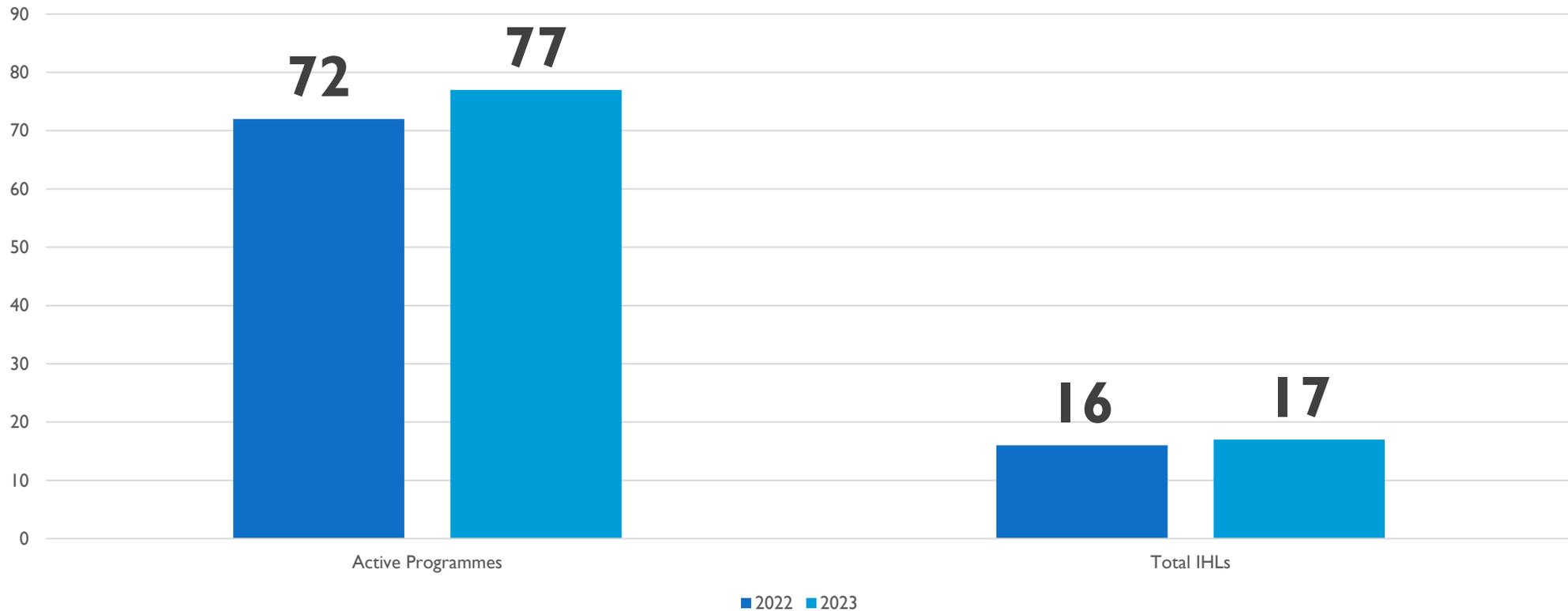
ACCREDITED ENGINEERING PROGRAMME 2022 & 2023



ACCREDITED ENGINEERING TECHNOLOGY PROGRAMME 2022 & 2023



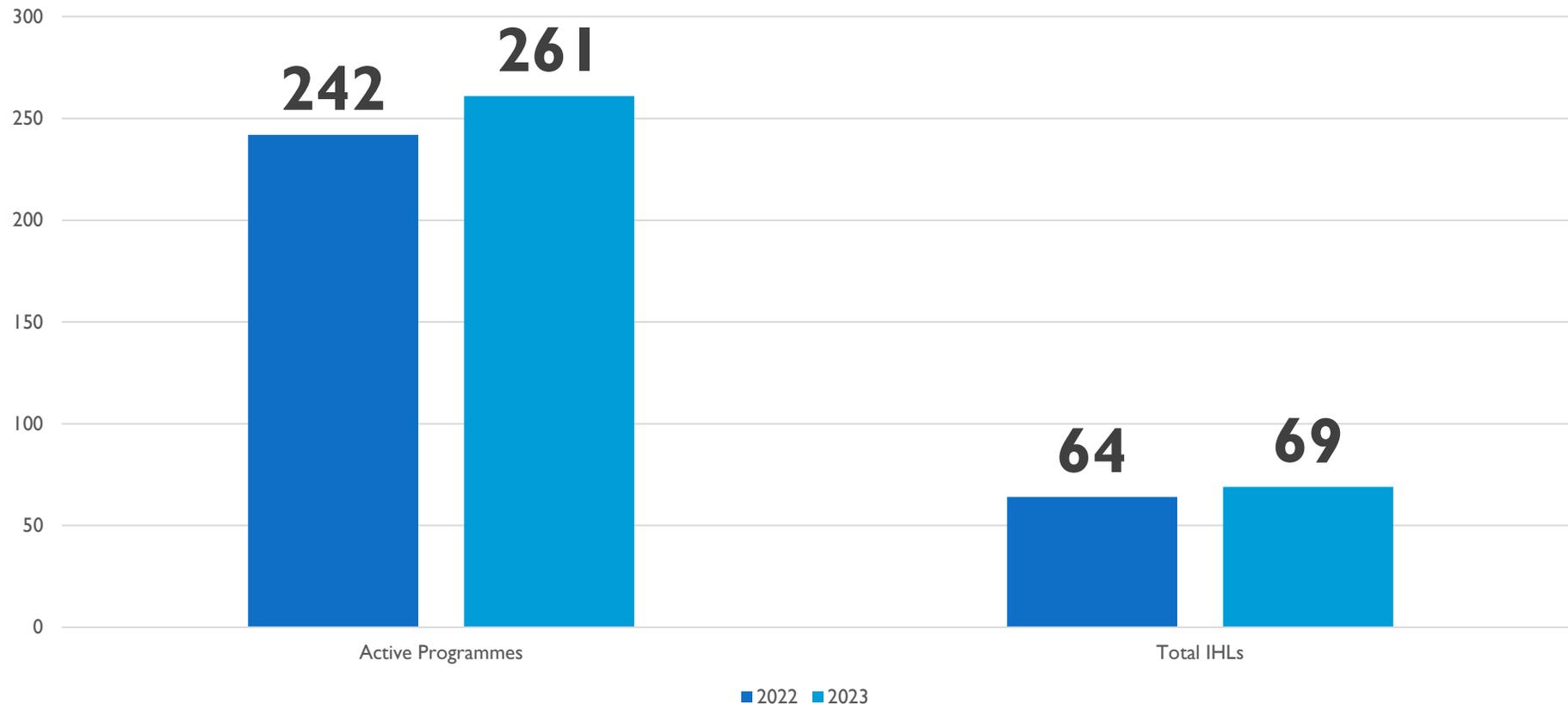
AKREDITASI PROGRAM TEKNOLOGI KEJURUTERAAN 2022 & 2023



ACCREDITED ENGINEERING DIPLOMA PROGRAMME 2022 & 2023

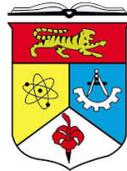


AKREDITASI PROGRAM DIPLOMA 2022 & 2023





LIST 3 | IHLS SIGNED MOU WITH BEM





BEM DIGITAL TRANSFORMATION



2 NEW SYSTEM



**AWARDS
NOMINATION**

TOKOH MUDA KEJURUTERAAN NEGARA 2023

SIGN IN

Please sign in to fill out Nomination Form

MYKAD NO./EMAIL
MyKad No. without (-)

PASSWORD
.....

Proposer? Register now!

Login

User manual

Nominee Secunder Proposer

**AWARDS
NOMINATION**

ANUGERAH KECERMELANGAN INOVASI KEJURUTERAAN 2023

SIGN IN

Please sign in to fill out Nomination Form

MYKAD NO./EMAIL
MyKad No. without (-)

PASSWORD
.....

Proposer? Register now!

Login

User manual

Proposer Nominee

<https://awards.bem.org.my/>
**Tokoh Muda Kejuruteraan
Negara 2023
Award Nomination System**

<https://eieawards.bem.org.my/>
**Anugerah Kecermelangan
Inovasi Kejuruteraan 2023
Award Nomination System**



WEBINAR

webinar 2023 ENGINEERING THE FUTURE SERIES

www.bem.org.my | engineer.org.my | event@bem.org.my

8th MAY 2023
Monday
10.30^{am} - 12.30^{pm}

zoom

INTRODUCTION OF THE NEW BEM OUTCOME-BASED PAE : ROUTE TO PROFESSIONAL ENGINEER

INTRODUCTION OF THE NEW BEM OUTCOME-BASED PAE : ROUTE TO PROFESSIONAL ENGINEER



MODERATOR
Ir. Prof. Dr. Abd Rehim bin Abu Talib
Member, Examination & Qualification Committee



SPEAKER 1
Ir. Prof. Emeritus Dato' Dr. Hassan bin Basri
Member, Working Group on PAE



SPEAKER 2
Ir. Lee Boon Chong
Member, Working Group on PAE



Who should attend:
✓ Graduate Engineer (GE)

FREE Admission



webinar 2023 ENGINEERING THE FUTURE SERIES

www.bem.org.my | engineer.org.my | event@bem.org.my

9th MAY 2023
Tuesday
10.30^{am} - 12.30^{pm}

zoom

2 CPD HOURS

PROMOTION OF BEST PRACTICES OF REGULATIONS AND GUIDELINES ON SAFETY AND HEALTH



MODERATOR
Ir. Lee Boon Chong
Member, Working Group on PAE



SPEAKER 1
Ir. Prof. Emeritus Dato' Dr. Hassan bin Basri
Member, Working Group on PAE



SPEAKER 2
Ir. Prof. Emeritus Dato' Dr. K S Kannan
Member, Examination & Qualification Committee



Who should attend:
Registered Persons:
✓ Professional Engineers (PE)
✓ Professional Engineers with Practising Cert (PEPC)
✓ Graduate Engineers (GE)
✓ Engineering Technologist (ENG.Tech)
✓ Inspector of Works (IOW)

FREE Admission



webinar 2023 ENGINEERING THE FUTURE SERIES

www.bem.org.my | engineer.org.my | event@bem.org.my

11th JULY 2023
TUESDAY
10.30^{am} - 12.30^{pm}

zoom

INTRODUCTION OF THE NEW BEM OUTCOME-BASED PAE : ROUTE TO PROFESSIONAL ENGINEER



MODERATOR
Ir. Lee Boon Chong
Member Working Group on PAE



SPEAKER 1
Ir. Prof. Emeritus Dato' Dr. Hassan bin Basri
Member, Working Group on PAE



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Ir. Prof. Emeritus Dato' Dr. K S Kannan
Member, Examination & Qualification Committee



Who should attend:
✓ Graduate Engineer (GE)

FREE Admission

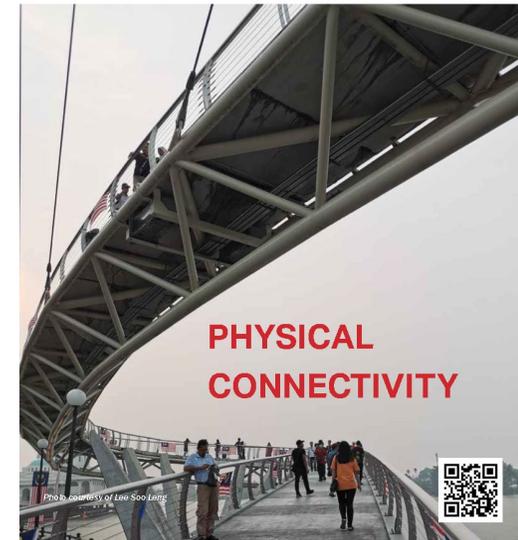


REGISTER NOW





Publication – THE INGENIEUR MAGAZINE





Publication – BEM ANNUAL REPORT





Publication – CIRCULARS & GUIDELINES

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)(ec) 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 Certificates (PEPC), a Registered Professional Engineers (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.¹ 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 2018.²

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) is aligned with the Government of Malaysia to promote integrity, good ethical practices and good governance in the fight against corruption and malpractices. In materializing this, 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 ECPs through improvements in their competitiveness.

2.2 ECPs and Registered Persons registered with the BEM³, is expected to display the highest standard of integrity in carrying out their 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.⁴ ECPs with ISO 37001:2016⁵ 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(s) 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 4th December 1982.

A more recent circular from Kementerian Perumahan dan Kerajaan Tempatan to all relevant PBTs reference no JKT.D(S)100-3/6Jid20 (32) dated 30th September 2020 (a copy of which is also attached in Appendix B) relating to the same matter is also referred.

[Board Meeting 349th / 24th June, 2022]

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



Publication – CIRCULARS & GUIDELINES



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/08476

YANG DIPERTUA
Dato' Ir. Haji Mohamed Zukeffy bin Sulaiman

PENDAFTAR
Ir. Dr. Megat Zuhairy bin Megat Tajuddin

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



CERTIFIED TO ISO 9001:2015
CERT NO. QMS/08476

YANG DIPERTUA
Dato' Ir. Haji Mohamed Zukeffy bin Sulaiman

PENDAFTAR
Ir. Dr. Megat Zuhairy bin Megat Tajuddin

SETIAUSAHA
Ir. Hamzah bin Hashim

Our Ref: BEM/PPC/05-49
Date: 17th 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 24th 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

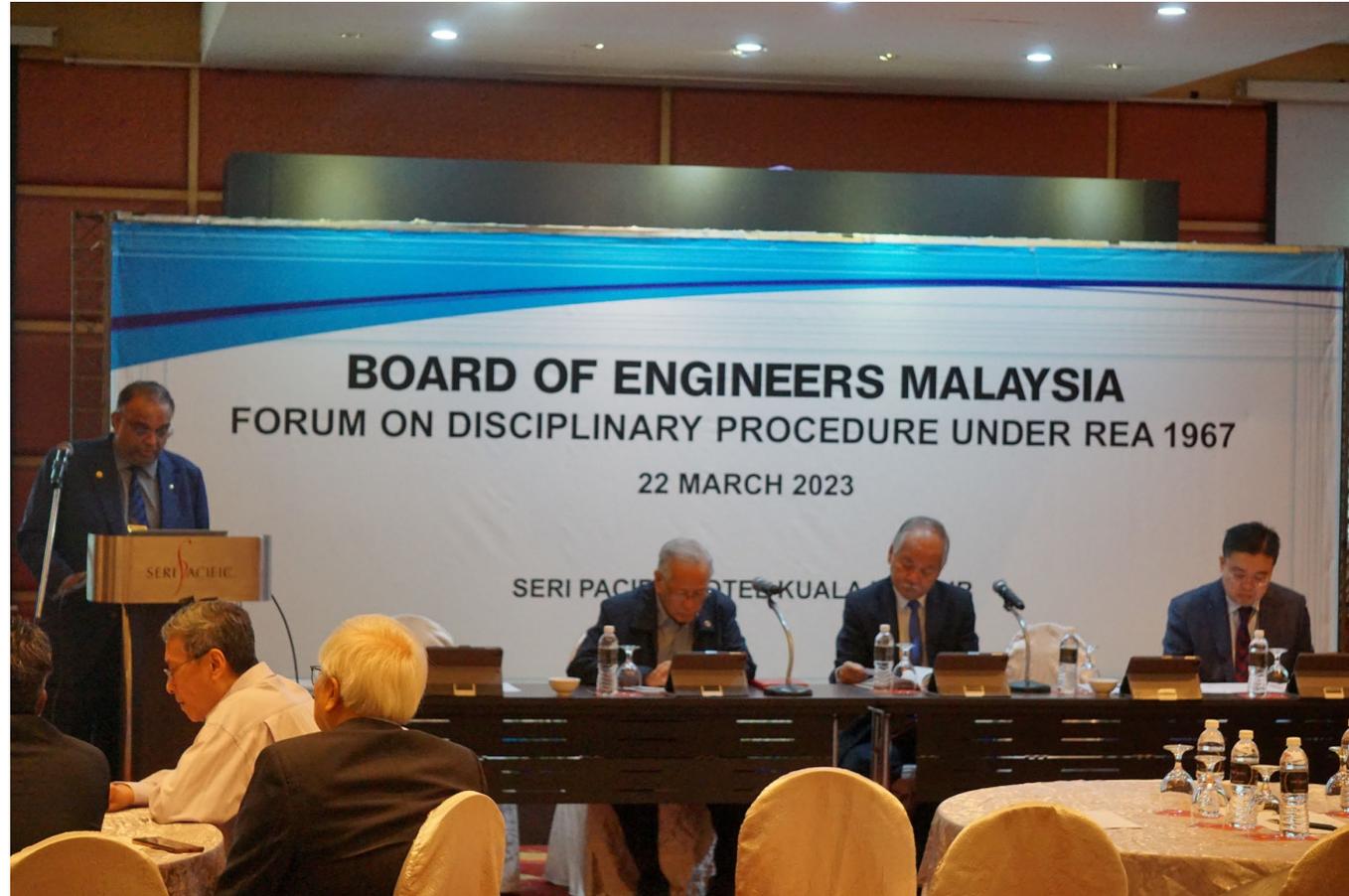


2023 HIGHLIGHTS



FORUM ON DISCIPLINARY PROCEDURE

22.03.2023



MOU ON BULK REGISTRATION WITH IHL



20.03.2023



13.04.2023

KENYA BOARD OF ENGINEERS VISIT - 22.05.2023



COURTESY VISIT TO MINISTRY OF WORKS – 06.07.2023



BEM ROADSHOW – SABAH

05.07.2023





INTERNATIONAL AFFAIRS & RECOGNITION



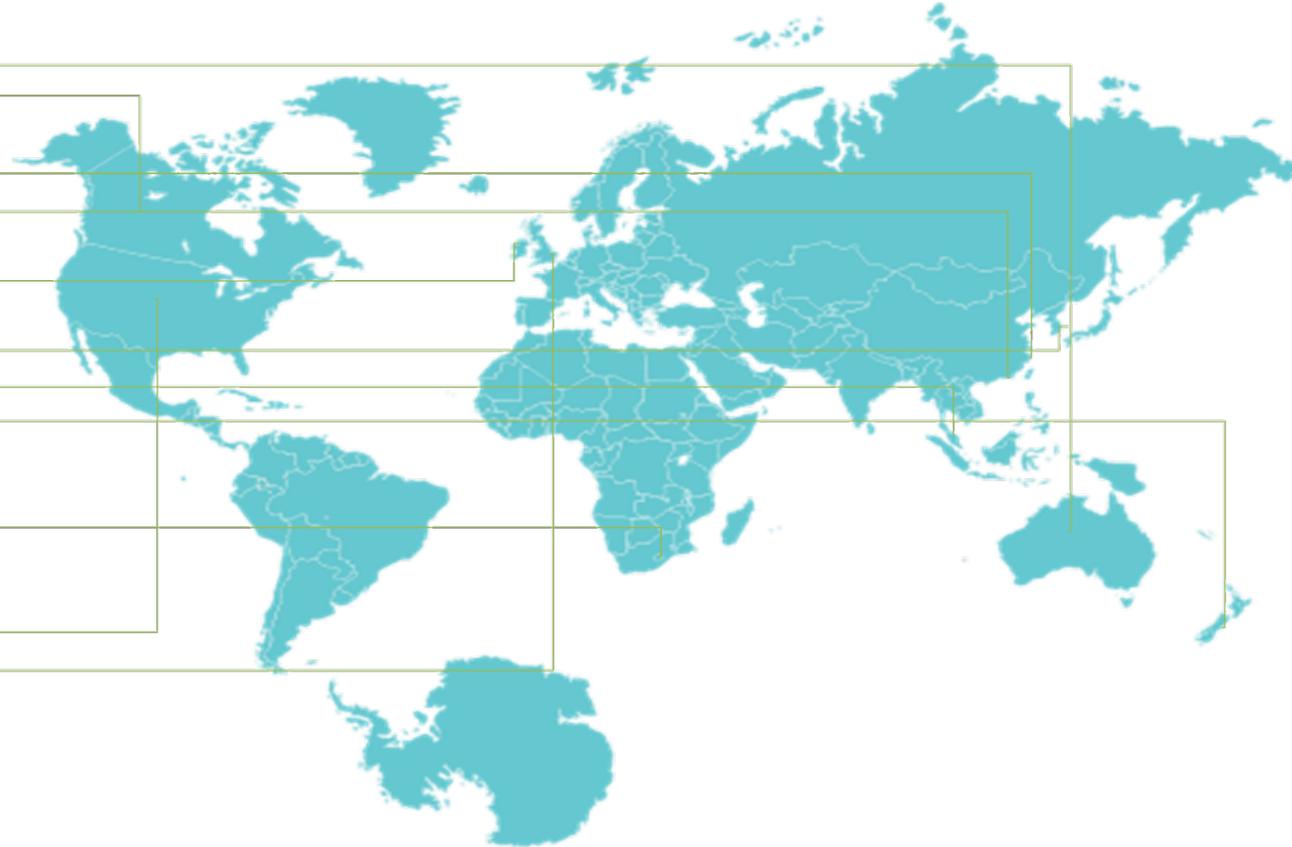
WASHINGTON ACCORD SIGNATORY

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



SYDNEY ACCORD SIGNATORY

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



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DUBLIN ACCORD SIGNATORY

1. Australia

2. Canada

3. Ireland

4. Korea

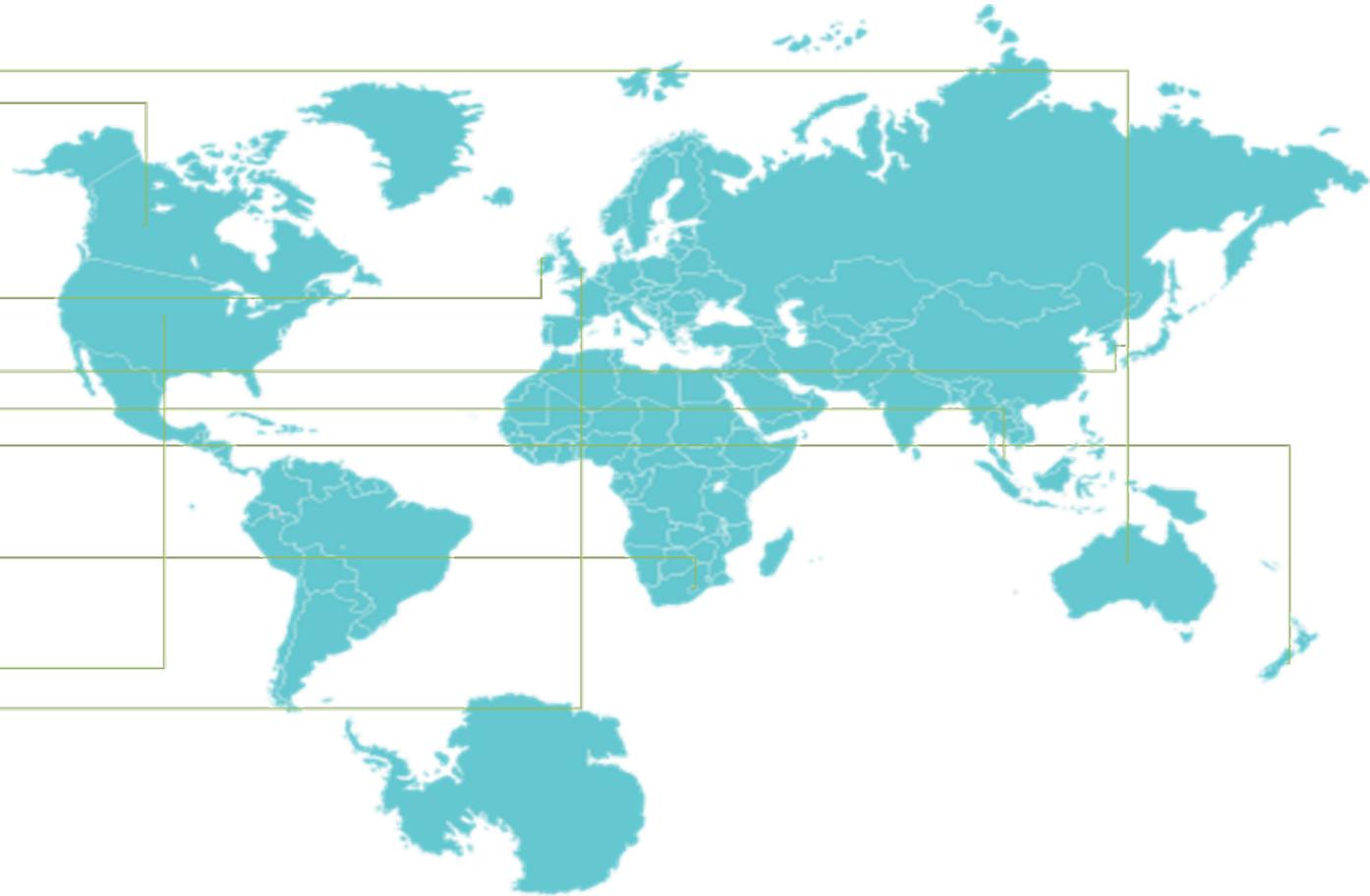
5. Malaysia

6. New Zealand

7. South Africa

8. United States

9. United Kingdom



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DEPUTY CHAIR DUBLIN ACCORD 2023 -2025



Ir. MEGAT JOHARI BIN MEGAT MOHD NOOR





DEPUTY CHAIR APEC AGREEMENT 2023 -2025



Prof. Ir. Dr. NORLIDA BINTI BUNYAMIN

MOBILITY OF ASEAN ENGINEERS

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



Brunei	Cambodia	Indonesia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Viet Nam
32	102	1,487	17	2,716	613	847	340	237	328
6,719 (as of 30 June 2023)									



CONCLUSION

- Board's roles and functions remain the same since establishment but changes and challenges in practising engineering are increasing and dynamic.
- The registered person as the accountability to uphold professionalism and ethics and conduct himself honorably, responsibly, ethically and lawfully to hold paramount the safety, health and interest of the public.
- Board's also would like to recognise registered person who contributing to development of the nation in line with roles and functions.



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 or complaint@bem.org.my.

Tel: 03-26912090; Fax: 03-26925017

