

MALAYSIAN CHAMBER OF MINES

(Incorporated 1914)

# YEAR BOOK 2019/2020

STRENGTHENING OUR POSITION  
AS A NATIONAL LEADER



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## VISION

- ▼ To be the premier apex body championing the national minerals resource industry interests in the country.

## STRATEGIC OBJECTIVES

- ▲ To protect, promote and advance the general interest of the minerals resource community in Malaysia,
- ▲ To collect, classify and diffuse minerals resource information,
- ▲ To consider all questions connected with the minerals industry and promote public discussion thereon,
- ▲ To communicate and exchange information on minerals resource industry matters to and with other minerals industry associations in Malaysia and elsewhere,
- ▲ To promote and facilitate the minerals resource industry contribution to sustainable development within the national and global sustainable development strategies.

# CORPORATE INFORMATION

## PRESIDENT

Dato' Seri Mohd Ajib Anuar, SSAP, DIMP

## VICE PRESIDENT

Dato' Sri Hj. Ahmad Omar, SSAP, DIMP

## COUNCIL MEMBERS

Abdul Rahman Ishak

Aldrin Alambono

Dato' Chin Lean Choong, DPMP, JP

Chong Wai Min

Dr Hashim Hussin (*until 29 Jan 2019*)

Dr Ismail Ibrahim (*from 29 Jan 2019*)

Tan Sri Dato' Hew See Tong, PSM, DPMP, JP

[alternate: Hew Fen Yee]

Kamarudin Karim

Dato' Kelvin Lee Wai Mun, DIMP

Christopher Lum Har Chi

Dato' Sri Pek Kok Sam, SSAP, DIMP

[alternate: Lim Wei Hung]

Dato' Hj Musa Nordin, DIMP, AMP, PPT

Dato' S S Subramaniam, DSSA, JSM, PJK, AMS

Dato' Sia Hok Kiang, DIMP

Eric Vesel

Dato' Dr Patrick Yong Mian Thong, DIMP

[alternate: Madzlan Zam]

Zaidi Harun

## EXECUTIVE DIRECTOR

Hj. Muhamad Nor Muhamad, JSM

## SECRETARIAT OFFICE

8<sup>th</sup> Floor, West Block

Wisma Golden Eagle Realty

142-C, Jalan Ampang

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Website : <http://www.mcom.com.my>

Web Portal : [malaysianminerals.com](http://malaysianminerals.com)

## AUDITOR

Messrs Kamal Zahari & Co

19-4-2, Diamond Square

Jalan Semarak Api 2

Off Jln Gombak

53000 Setapak

Kuala Lumpur

## PRINCIPAL BANKER

Standard Chartered Bank Malaysia Berhad

Kuala Lumpur Main Branch

No. 36, Jalan Sultan Ismail

50250 Kuala Lumpur

## CORPORATE INFORMATION

## CONSTITUTION

The Malaysian Chamber of Mines is the only Chamber in this country to have been established by an Act of Parliament. On 10 December 1914, the Chamber was formally incorporated under the Federated Malay States Chamber of Mines Incorporation Enactment No. 25 of 1914.

On 8 September 1988, the States of Malaya Chamber of Mines Incorporation (Amendment) Act was gazetted to give effect to a change of name from the previous States of Malaya Chamber of Mines to the present Malaysian Chamber of Mines.

On the same day, the then Minister of Primary Industries, in exercise of the powers conferred by Section 15 of the Act, gazetted several amendments to the Chamber's By-Laws. These were to streamline the management and administration of the Chamber's affairs in order to keep-up with the prevailing changed circumstances in the mining industry. These amendments were gazetted in the Federal Government Gazette on 6 April 1989 vide Act 367.

At the Chamber's 78th Annual General Meeting held on 29 May 1989, members of the Chamber approved a further three amendments to the Chamber By-Laws. The three amendments to the Malaysian Chamber of Mines Incorporation Act 1914 (Revised 1989) were gazetted in the Federal Government Gazette vide P.U. (B) 93 dated 15 February 1990. The amendments simplified the system of voting for the election of ordinary members and raised the annual subscription of corporate mining members.

At its 99<sup>th</sup> Annual General Meeting held on 25 May 2010, Chamber members approved an amendment to By-Law 10(e) of the Malaysian Chamber of Mines Incorporation Act 1914 to raise the annual subscription rate for individual ordinary members. This amendment was gazetted in the Federal Government Gazette vide P.U.(B) 366 dated 20 July 2011.

At its 102<sup>nd</sup> Annual General Meeting held on 28 May 2013, Chamber members approved a resolution to amend By-Law 10 of the Malaysian Chamber of Mines Incorporation Act 1914 to raise the annual subscription rates for all members except individual ordinary members. The amendment received approval from the Minister of Natural Resources and Environment on 5 August 2015 and was implemented with effect from 1 January 2016.

At its 109<sup>th</sup> Annual General Meeting held on 2 May 2019, Chamber members approved a resolution to amend By-Law 10 (a) and (d) of the Malaysian Chamber of Mines Incorporation Act 1914 on the rate of annual subscription for corporations and companies directly engaged in the mining industry admitted as ordinary members, and the rate of annual subscription payable by corporations or companies not actively engaged in the mining industry but are otherwise connected with the industry admitted to ordinary membership of the Chamber. The amendment has yet to receive approval from the Minister of Water, Land and Natural Resources.

## CHAMBER COUNCIL

Management of the Chamber is vested in a Council comprising 15 elected members and three nominated members. Of the latter, two are nominated by the Miners' Association of Selangor, Negeri Sembilan and Pahang and the other by the Perak Bumiputra Chamber of Mines.

The Chamber Council usually meets once every two months. Its Annual General Meeting is normally held in May each year. The AGM is followed by an Annual Luncheon.





## MEMBERSHIP

The Chamber draws its membership from the major mining companies, mining consultants, engineers, individuals and other mining associations. It is the oldest Chamber of its kind in the country, and currently has a membership of 137 comprising honorary, life, individual, corporate and other mining Chamber/Association members.

## SECRETARIAT

The Chamber Secretariat was located in Ipoh until 1975 when it moved to the Federal capital, Kuala Lumpur. This move was consonant with the need for the Chamber to be in closer proximity with the relevant Ministries, Government departments and agencies with which it has considerable dealings on matters pertaining to the minerals resource industry.

The Secretariat also services three other associated bodies, namely the Tin Industry (Research and Development) Board (Tin Board), the Malaysian Tin Products Manufacturers' Association (MTPMA), and The Kuala Lumpur Tin

Market (KLTM). It also served as host Secretariat to the ASEAN Federation of Mining Associations (AFMA) during the year. The Secretariat is located at the 8<sup>th</sup> Floor, West Block, Wisma Golden Eagle Realty, 142-C Jalan Ampang, 50450 Kuala Lumpur since 1 September 1989.

Two related mining professional bodies maintain their registered office at the Chamber Secretariat. They are the Institute of Mineral Engineering, Malaysia and the Institute of Materials, Minerals and Mining (Malaysian Branch).

Tuan Hj. Muhamad Nor Muhamad is the Executive Director of the Chamber. He is supported by six other senior officers namely En. Lutfi Hamidee Abd Latif, Technical Manager, Mr Tan Kheng Lam, Accounts Executive (*retired at end 2019*), En. Dzuhilmy Omar, Information Technology (IT) Executive, Pn Nor Marzlini Mohamed Hasini, Executive Secretary, En. Emil Nuruddin Che Jamaludin Mahmud, Deputy Accounts Executive and En. Muhammad Adzrul Madzlan, Technical Executive. In addition, the Chamber employs three junior support staff and a Technical Consultant, namely Mr Teoh Lay Hock.

## PRESIDENT'S STATEMENT



The year 2019 has indeed been another challenging year for Malaysia's economy. The global economic uncertainties resulting from the slowdown in China's economy coupled with the on-going trade war with the United States have negatively impacted most emerging economies, including ours.

Malaysia's Gross Domestic Product (GDP) for the year 2019 recorded the slowest growth of 4.3% compared to 4.7% recorded in 2018. This was the slowest growth recorded since the global financial crisis in 2009. The slow growth this time was primarily contributed by disruptions in the commodity-related sectors with declines in palm oil, crude oil and natural gas productions as well as in the decrease in the nation's exports. The negative impact of these declines, however, was somewhat cushioned by resilient private sector spending and the steady services and manufacturing sectors.

Despite the country's overall economic slowdown, Malaysia's mineral resource industry continued its positive growth during the year. Preliminary data showed that the country's total mineral production value in 2019 was projected to increase 12.6% to RM6.37 billion from RM5.65 billion in the previous year. This positive growth was largely attributed by the increased production of non-metallic minerals, such as aggregates, limestone, sand and gravel as well as silica sand. The resumption of several mega infrastructure projects, namely the East Coast Rail Link (ECRL), the Mass Rapid Transport (MRT) 2 and the Light Rapid Transit (LRT) 3 by the Federal Government, at a lower and reasonable cost, had helped boost the production of these non-metallic minerals.

Meanwhile, the production of metallic minerals, such as gold, iron ore and bauxite, had also risen in 2019. Gold and iron ore production rose in-line with their improved global prices. Many of the iron ore mines that closed during the fall of the global iron ore prices have re-opened during the year, thus contributing to the increased iron ore production. Bauxite production had also recovered

following the lifting of the moratorium on mining and exporting of bauxite in Pahang as announced by the Ministry of Water, Land and Natural Resources (KATS) on 31 March 2019. The resumption of its activities, however, must adhere to the Standard Operating Procedures (SOP) on the Mining and Exporting of Bauxite in Pahang developed by KATS together with the Pahang State Government. In this regard, I wish to commend the Chamber's Executive Director for his efforts and contributions as a member of the Executive Review Committee that was set-up by the KATS Minister, to provide relevant inputs and recommendations for improvement of the SOP.

Last year, the Chamber had prepared and finalised the *Proposed Malaysian Mineral Resource Industry Development Master Plan, 2019-2030: Strategic Priorities and Imperatives*. The Proposed Master Plan was officially presented to the KATS Minister, YB Dato' Dr Xavier Jayakumar during the 2019 Chamber Annual Luncheon. Subsequently, the Minister was given a briefing on the Proposed Master Plan. Hopefully, the document would be considered by the Ministry to replace the outdated Mineral Industry Development Master Plan that was launched in 2008 where the recommendations therein are geared towards a holistic approach to drive the development of Malaysia's mineral resource industry further forward.

During the year under review, KATS made several important announcements that would be vital milestones for the mineral resource industry. Amongst others, were the proposals to revitalise Malaysia's tin mining industry and to develop the rare earth minerals exploration and mining activities. There was also the announcement of the establishment of a statutory body dedicated to the wholesome development of the entire spectrum of the mineral resource industry to be called the Malaysian Mineral Industry Development Board (MMIDB). Hopefully, the aforementioned proposals could be realised soon that eventually would help change the landscape of the country's mineral resource sector significantly.



## PRESIDENT'S STATEMENT

Some quarters have dubbed tin mining as a sunset industry. The Chamber, however, feels otherwise, and is confident that it has the potential to be revived to become an important economic sector contributing towards enhancing the nation's GDP. Considering that Malaysia still has untapped potentials of primary tin deposits throughout the country, I believe that they could be fully explored for mining development to boost the production of tin concentrates by the upstream sector, for smelting and refining by the midstream sector, and thereafter consumed by the downstream sector to produce tin-based manufacturing products. This will re-position our country again as a major producer of tin concentrates and refined tin in the world.

Malaysia also has ample rare earth mineral resources potentialities. They are crucial and critical materials for the electrical and electronics (E&E) and the renewable energy sectors, which could be further explored, and its high potentials tapped as a strategic new source for the country's economic growth. To move this sector forward, the Federal Government will doubtless need to develop policy frameworks that are suitable for growth of an upstream rare-earth industry, as well as to make latest rare earths processing technologies available for industry players in Malaysia. Nonetheless, the Chamber would urge that the mining and processing activities of rare earth minerals must be undertaken in a responsible and sustainable manner, without neglecting the environment and surrounding communities.

As always, the Chamber continued to be actively involved in the affairs and activities in the region's mineral resource front during the year under review. At the ASEAN level, the Chamber was again re-elected as the host Secretariat of the ASEAN Federation of Mining Associations (AFMA) for one more year covering 2020, after completing a one-year term from 1 January 2019 to 31 December 2019. Even before this, your Chamber had hosted AFAM Secretariat since 2015. The Chamber's Executive Director and I were also re-elected as the AFMA Secretary General and AFMA President, respectively covering the additional one-year period. These re-elections reflect the high confidence the other AFMA members have in the Chamber and its officials in undertaking and performing meaningfully all activities and programmes entrusted to AFMA under the ASEAN Mineral Cooperation Action Plan (AMCAP 3) Phase 1 (2016-2020).

Under my tenure as AFMA President, your Chamber as the incumbent host Secretariat, had attended and participated in several regional meetings related to minerals, such as the 16<sup>th</sup> ASEAN Senior Officials Meeting on Minerals (ASOMM) Working Group Meetings, 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM + 3 Consultation and the 7<sup>th</sup> ASEAN Ministerial

Meeting on Minerals, as well as involvement at the national level in the Selection Committee for the 2<sup>nd</sup> ASEAN Mineral Awards. In this regard, I wish to congratulate two of our industry players, namely the Kumpulan Semesta Sdn Bhd, a Chamber Corporate member, for being the winner in Best Practices in the Non-Metallic Processing category, and Terengganu Silica Consortium Sdn Bhd as the winner in the Best Practices in the Non-Metallic Distribution category. These Awards are the highest recognition at the ASEAN level accorded to mining companies that operate within the region in a responsible and sustainable manner.

AFMA's major event was the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN, that was hosted and organised by the Mining Industry Council of Thailand and co-organised by AFMA. The Forum was held in Bangkok, Thailand, back to back with the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM + 3 Consultation and 7<sup>th</sup> AMMin. It was attended by the delegates from all ASEAN Member Countries and the Three Dialogue Partners, namely China, Japan and South Korea as well as from industry players in ASEAN. This annual Forum will continue to be held as it is the best platform to highlight common issues confronting the mineral resource industry in the ASEAN region, as well as in providing the opportunity for networking for both public and private sector officials involved in the development of the industry.

In advancing the industry interests forward, the Chamber continued to receive during the year close cooperation and strong support from various stakeholders. They include related Federal Government Ministries and agencies such as KATS, JMG and Tin Board as well as other mineral industry organisations, such as the Kuala Lumpur Tin Market, professional bodies and various institutions of higher learning. On behalf of the Chamber, I would like to take this opportunity to extend our sincere appreciation to all these stakeholders for such assistance granted to the Chamber.

In concluding this President's Statement, may I record my grateful thanks to all Chamber Council members and Secretariat staff for their continuing support and cooperation in helping me shoulder the challenging tasks and heavy responsibilities in leading and helming the Chamber during the past years.

With very best wishes and warmest regards,



DATO' SERI MOHD AJIB ANUAR  
President



# REPORT OF COUNCIL

Dear Members,

On behalf of members of the Council, it is my pleasure to present the **Annual Report** and **Statement of Accounts** for the financial year ended **31 December 2019**.

## ACCOUNTS

Total income for the year was RM221,180 against expenditure of RM224,674. There was thus a small deficit of RM3,494 for the year 2019.

Members' Accumulated Fund as shown in the Statement of Financial Position decreased by this deficit which at end of the year under review totalled RM312,240.

## MEMBERSHIP

The overall Chamber membership at end of the year under review decreased to 137. The breakdown in membership categories for the last two years are shown below.

	2018	2019
Honorary members	4	4
Life Members	19	12
Corporate mining members	10	11
Other corporate members	11	8
Association members	6	6
Individual members	114	96
<b>Total</b>	<b>164</b>	<b>137</b>

## COUNCIL

During 2019, the Council met six times on 29 January, 26 March, 2 May, 1 August, 3 October and 26 November. At the 108<sup>th</sup> Annual General Meeting of the Chamber held on 2 May 2019 in Kuala Lumpur, the following 15 members were elected to serve on the Council for the ensuing year:-

Dato' Seri Mohd Ajib Anuar  
 Dato' Sri Hj Ahmad Omar  
 Abdul Rahman Ishak  
 Aldrin Alambono  
 Dato' Chin Lean Choong  
 Dr Ismail Ibrahim  
 Tan Sri Dato' Hew See Tong  
 Kamarudin Abdul Karim  
 Dato' Kelvin Lee Wai Mun  
 Dato' Sri Pek Kok Sam  
 Dato' S S Subramaniam  
 Dato' Sia Hok Kiang  
 Eric Vesel  
 Dato' Dr Patrick Yong Mian Thong, and  
 Zaidi Harun

Also elected were three other Council members appointed under By-Law 18, namely Messrs Chong Wai Min and Christopher Lum Har Chi representing The Miner's Association of Selangor, Negeri Sembilan and Pahang, and Dato' Hj. Musa Nordin representing the Perak Bumiputra Chamber of Mines.

The Institute of Mineral Engineering, Malaysia nominated Dr Ismail Ibrahim as its new representative on the Chamber Council replacing Dr Hashim Hussin on 29 January 2019,



*Malaysian Chamber of Mines Council Members 2019 / 2020 and Secretariat Staff*

## PRESIDENT AND VICE PRESIDENT

At the 108<sup>th</sup> Annual General Meeting of the Chamber, Dato' Seri Mohd Ajib Anuar and Dato' Sri Hj. Ahmad Omar were re-elected President and Vice-President, respectively for the term 2019/2020.

## EXECUTIVE DIRECTOR

During the year under review, affairs of the Chamber Secretariat continued to be administered and helmed by the Executive Director, Hj. Muhamad Nor Muhamad.

## HOMEPAGE

In keeping pace with the era of globalised information technology, your Chamber maintains a web-site. The address of the Chamber's web-site is [www.mcom.com.my](http://www.mcom.com.my).

In addition, the Chamber also maintains an industry web portal, which was formally launched in May 2010. The web portal address is [www.malaysianminerals.com](http://www.malaysianminerals.com).

## ANNUAL GENERAL MEETING / ANNUAL LUNCHEON

The Chamber's 108<sup>th</sup> Annual General Meeting was held on 2 May 2019 at 12.00 noon at Hotel Istana, Jalan Raja Chulan, Kuala Lumpur. This was followed by the 2019 Annual Luncheon held at the same venue. The guest-of-honour was YB Dato' Dr Xavier Jayakumar, Minister of Water, Land and Natural Resources.



## REPORT OF COUNCIL

## CONGRATULATORY LETTERS

The President, on behalf of the Chamber, sent a congratulatory letter to YB Dato' Dr Xavier Jayakumar, Minister of Water, Land and Natural Resources on being conferred the Darjah Kebesaran Jiwa Mahkota Kelantan Yang Amat Mulia (DJMK) by His Royal Highness The Sultan of Kelantan Darul Naim, Sultan Muhammad V on His Majesty's 50<sup>th</sup> Birthday.

## CONDOLENCE LETTERS

The President, on behalf of all Council members and staff, sent a letter of condolence during the year to the family of the late Datuk Ng Beh Tong, a senior Council member, who passed away on Saturday, 5 January 2019.

## MINERAL INDUSTRY STATUS

Malaysia's mineral resource industry recorded a commendable performance in 2019 on the back of higher production value for most metals and minerals. A detailed description of the performance of Malaysia's mineral industry during the year under review is described elsewhere in the following pages of the Annual Report.

## ACTIVITIES

The Chamber continues to undertake vigorously activities that directly or indirectly benefit its members, the mineral resource industry and the fraternity. A report of these activities undertaken during 2019 are detailed elsewhere in the following pages of this Annual Report.

## SECRETARIAT SERVICES

Staff of the Chamber Secretariat continued to service several industry related and associated bodies during the year under review. Brief details of these organisations serviced by the Secretariat can be found elsewhere in the following pages of the Annual Report.



## REPORT OF COUNCIL

**ACKNOWLEDGEMENT - GOVERNMENT**

The Chamber records its appreciation of the consideration and support given to it during 2019 by various Ministries and Government departments and agencies, both at Federal and State levels.

Special mention must be made of the tremendous support the Chamber continued to receive from the Minister of Water, Land and Natural Resources, YB. Dr Xavier Jayakumar and the Deputy Minister of Water, Land and Natural Resources, YBM Tengku Zulpuri Shah Raja Puji. The Ministry's Secretary-General, YBhg. Datuk Zurinah Pawanteh, the Deputy Secretary-General (Land and Natural Resources), YBrs. Dr Mohd Mokhtar Tahar, the Director-General of the Department of Minerals and Geoscience, YBhg. Datuk Hj Shahar Effendi Abdullah Azizi, and their officials were also particularly co-operative and supportive of the activities and efforts of the Chamber towards promoting the interests and development of the mineral resource industry, nationally, regionally and internationally.

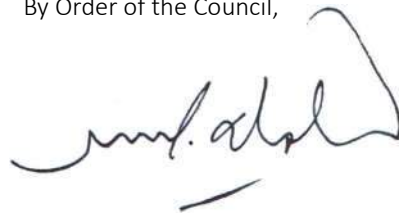
**ACKNOWLEDGEMENT - OTHERS**

Thanks are also due to those Chamber members who gave much of their time and energy to serve on the Council and or its various Committees and Sub-Committees during the year under review. A list of Chamber representatives on various bodies and Chamber Committees and Sub-Committees during the year 2019 will be included in the Chamber 2019/2020 Year Book, which will be published for distribution later this year.

The continued co-operation extended by the All-Malaya Chinese Mining Association, the Perak Bumiputra Chamber of Mines, the Perak Chinese Mining Association, The Miners' Association of Selangor, Negeri Sembilan and Pahang, the Institute of Mineral Engineering Malaysia, the Institute of Engineers Malaysia, the Institute of Materials, Minerals and Mining (Malaysian Branch), the Perak Quarry Association, the Academy of Sciences Malaysia, the Institute of Geology Malaysia and the Board of Geologists Malaysia is recorded with gratitude.

The Council also wishes to record its appreciation of the continued dedication and hard work by the Executive Director and Secretariat staff during the year under review.

By Order of the Council,



**HJ. MUHAMAD NOR MUHAMAD, JSM**  
Executive Director/Secretary

15 July 2020



## MINERAL INDUSTRY STATUS

### STATUS OF MALAYSIA'S MINERAL INDUSTRY IN 2019

Malaysia's mineral resource industry broadly comprise the metallic, non-metallic, and energy mineral sectors. The metallic mineral sector produces such major minerals as tin, gold, bauxite, iron ore, ilmenite, manganese and other associated mineral by-products of tin and gold mining such as zircon, monazite, rutile, struverite and silver. The non-metallic mineral sector produces limestone, clays, kaolin, silica sand, sand and gravel, aggregates, feldspar and mica. The energy mineral sector produces only coal.

The country's mineral resource industry (excluding oil and gas) performed commendably in 2019. The total value of minerals produced in Malaysia during the year increased by 14 per cent to RM6.5 billion from RM5.7 billion in 2018.

The non-metallic sector's production value increased by 17 per cent to RM4.2 billion in 2019 from RM3.6 billion in 2018 resulting from the continuation of several mega infra-structure development and construction projects by the Federal Government. The production value for the

metallic mineral sector in 2019 was RM1.8 billion, an increase of 6 per cent, year-on-year, while the production value for the energy mineral sector was RM0.5 billion, an increase of 25 per cent from RM0.4 billion in 2018.

The single largest increase came from the production of bauxite. Although the moratorium on bauxite mining in Pahang was uplifted during the year, no production was recorded from the State. All of its production in 2019 came from the State of Johore, which increased by 53 per cent, year on year.

Below is a brief description of some of Malaysia's major minerals produced during the year under review.



## METALLIC MINERAL

### TIN

Malaysia used to be the world's largest tin ore producer in the 70s and 80s. Although it continues to mine tin ore but is far less than in past years. Following decades of tin mining, high grade alluvial deposits have inevitably been exhausted. Competition for land use by other economic sectors, such as agriculture, plantations, property and industrial developments, have reduced land available for mining. However, the potential for primary tin deposits is said to be significant. Malaysia's tin-in-concentrate production in 2019 decreased by 7 per cent to 3,611 tonnes. Most of the production during the year came from mines operating in Perak, Selangor and Pahang. Breakdown figures of tin-in-concentrate production, operating units and direct workers employed in 2019 and the preceding year in each of the various mining sectors are shown in the table below.

Mining Methods	2018			2019		
	Production (Tonnes)	No. of Units	No. of Workers	Production (Tonnes)	No. of Units	No. of Workers
Dredging	-	-	-	-	-	-
Gravel Pump	-	-	-	-	-	-
Open Cast	3,185	12	1,075	3,103	13	1,201
Underground	-	-	-	-	-	-
Panning	410	-	n.a	244	-	n.a
Amang Retreatment	273	11	220	264	11	186
Total	3,868	23	1,295	3,611	24	1,387

Source: *Department of Mineral and Geoscience Malaysia*  
*n.a* - *not available*

Malaysia continues to import of tin-in-concentrate for the country's sole tin smelter located in Butterworth, Penang owned by Malaysia Smelting Corporation Bhd (MSC). The imports come mainly from Africa, Australia, Brazil, Indonesia, Russia, China and United Kingdom. During the year, 32,685 tonnes of tin-in-concentrate were imported, a decrease of 5 per cent from 34,365 tonnes imported in 2018.

Malaysia exports refined tin metal to several major tin consuming countries, such as U.S.A., Japan, Italy, Korea and Taiwan. In 2019, refined tin metal exports decreased to 21,112 tonnes from 24,529 tonnes exported in 2018, a decline of 14 per cent.

## MINERAL INDUSTRY STATUS

The following table shows the volume and value of Malaysia's imports of tin-in-concentrate, and exports of refined tin metal during the last two years.

Year	Tin-in-Concentrate Imports (Tonnes)	Value (RM million)	Tin Metal Exports (Tonnes)	Value (RM million)
2018	34,365	1,676.03	24,529	1,979.66
2019	32,685	1,550.80	21,112	1,619.89

Source: Department of Statistics, Malaysia

Malaysia's physical tin market, namely the Kuala Lumpur Tin Market (KLTM), recorded a downtrend during the year under review. The KLTM price averaged US\$19,168 per tonne in 2019, a 5 per cent decrease over 2018's average of US\$20,151 per tonne. Trading on the KLTM during the year followed the same trend in tin metal trading on the London Metal Exchange (LME), which in turn reflected the movement in the global base metals trading.

The lowest tin price recorded on the KLTM in 2019 was US\$15,700 per tonne on 29 August 2019, whilst the highest price recorded was US\$21,760 per tonne on 26 February 2019.

Located at the Chamber Secretariat since 2001, the KLTM conducts on-line electronic trading daily from Mondays to Fridays, except on public holidays.

Stocks of tin metal at LME warehouses rose significantly during the year under review. At end of 2019, LME high-grade tin stocks totalled 7,130 tonnes compared with 2,165 tonnes at end of 2018, an increase of 229 per cent.

Tin stocks in the U.S. strategic stockpile at the end of 2019 remained unchanged at 4,020 tonnes.

Meanwhile, Malaysia's consumption of tin in 2019 declined by 27 per cent to 1,441 tonnes from 1,964 tonnes in 2018. The solder sector remained the largest local consumer of tin metal in 2019, followed by the tinplate, pewter and other tin consuming sectors.



## MINERAL INDUSTRY STATUS

**BAUXITE**

The production of bauxite during the year all came from three mines located in Johore, holding mining leases issued under the State Mineral Enactment (SME). No production was recorded from Pahang even though the moratorium imposed on bauxite mining in the State was uplifted during the year under review. There are potential bauxite resources in other States of Malaysia, such as Sarawak and Sabah, according to the JMG. Bauxite production in 2019 increased by 53 per cent to 900,561 tonnes from 589,684 tonnes produced in 2018.

The volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of bauxite in 2019 compared with the preceding year are shown in the following table.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	589,684	66.16	3	127	10,249	15.01	525,217	70.20
2019	900,561	104.47	3	127	8,424	13.93	912,118	108.38

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

**GOLD**

Malaysia's production of gold in 2019 increased by 6 per cent to 3,151 kgs from 2,978 kgs in 2018. They came mainly from the States of Pahang and Kelantan, which over the years have been contributing the lion share of Malaysia's total gold production. The country's major gold producers have been the Selinsing Gold Mine, Penjom Gold Mine, Raub Australian Gold Mine and CMNM Mining Group Sdn Bhd. For some reasons, a number of them were inactive during the year. Most of these large gold mines are joint-ventures between local and foreign interest. There were several small gold mines also operating in both the States in 2019. According to the JMG, several prospective gold deposits are found in other States, such as Terengganu, Negeri Sembilan, Johore, Sabah and Sarawak.

The table below shows the volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of gold in 2019 compared with the preceding year.

Year	Production (kgs)	Value (RM million)	No. of Mines	No. of Workers	Import (kgs) **	Value (RM million)	Export (kgs) **	Value (RM million)
2018	2,978	506.73	19	1,613	73,676	12,202.59	17,822	2,918.31
2019	3,151	608.45	20	1,375	55,454	9,968.62	11,033	1,856.63

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

\*\* - refers to gold of non-monetary, unwrought or semi-manufactured or in powder form

## MINERAL INDUSTRY STATUS

## ILMENITE

The production of ilmenite in 2019 decreased substantially to 2,334 tonnes from 14,158 tonnes produced in 2018. The country's ilmenite production comes mainly from the processing of 'amang' from alluvial tin. There was, however, one primary ilmenite mine located in Terengganu but was closed in 2003 due to exhaustion of economic grade deposits. Current production of ilmenite comes from amang retreatment plants located mostly in Perak and Selangor. Malaysia also imports large quantities of ilmenite for domestic consumption and re-export.

The volume and value of production, volume and value of import, and volume and value of export of ilmenite in 2019 compared with the preceding year are shown in the table below.

Year	Production (Tonnes)	Value (RM million)	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	14,158	3.35	122,327	84.42	16,342	15.84
2019	2,334	0.55	90,795	59.18	20,587	11.80

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

## IRON ORE

The production of iron ore in Malaysia in 2019 increased by 24 per cent to 4,160,462 tonnes from 3,353,634 tonnes in 2018. They are generally of low grade and produced mainly from mining leases with small reserves. Most are exported to China with some consumed by the local cement and iron and steel plants. During the year under review, iron ore production came from 58 mines located in Pahang, Johore, Perak, Kelantan, Kedah and Terengganu. Iron ore are also imported into Malaysia for use by the local steel industry. These imports are in the form of lumps and pellets that come mainly from Brazil, Chile and Bahrain.

The volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of iron ore in 2019 compared with the preceding year are as shown in the table below.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	3,353,634	503.05	52	1,172	26,518,665	4,033.18	23,300,516	3,442.10
2019	4,160,462	556.06	58	1,443	30,860,909	5,380.18	28,771,214	4,181.03

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

## MINERAL INDUSTRY STATUS

**MANGANESE**

Malaysia's production of manganese ore in 2019 decreased by 10 per cent to 1,130,749 tonnes from 1,262,725 tonnes produced in 2018. Manganese deposits are found in the States of Kelantan, Terengganu, Pahang and Johore with resources totaling some 3.7 million tonnes with grades mostly 50 per cent Mn or below.

Manganese ore is one of the main raw materials used in iron and steel production. It is essential by virtue of its sulphur-fixing, deoxidizing and alloying properties. Besides a variety of other uses, manganese ore is also used in producing aluminium alloys and dry cell batteries.

The following table shows the volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of manganese ore in 2019 compared with the preceding year.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	1,262,725	232.34	15	383	1,301,393	1,525.28	488,581	93.12
2019	1,130,749	208.06	21	355	1,203,806	1,143.79	2,367,803	282.24

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

**NON-METALLIC MINERAL****AGGREGATES**

The production of aggregates in 2019 decreased by 2 per cent to 128,622,004 tonnes from 131,584,506 tonnes produced in the previous year. Malaysia has abundant resources of aggregates located in the States of Perak, Selangor, Johore, Sabah and Sarawak. Production of aggregates in Malaysia come from two primary sources, namely quarries and river beds, with the former producing mainly granite and limestone. These aggregates are the primary construction materials used for many of the country's on-going mega infrastructure and construction projects.

The table below shows the volume and value of production, number of quarries, volume and value of import, and volume and value of export of aggregates in 2019 compared with the preceding year.

Year	Production (Tonnes)	Value (RM million)	No. of Quarries	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	131,584,506	2,222.84	386	36,680	21.57	6,048,503	230.43
2019	128,622,004	2,295.00	384	36,437	16.15	5,881,545	296.86

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

## MINERAL INDUSTRY STATUS

## CLAYS

The production of clays in Malaysia in 2019 increased by 10 per cent to 9,150,675 tonnes from 8,326,474 tonnes produced in 2018. Malaysia's clays comprise common clay, ball clay, fire clay, shale, laterite and red earth. They are mainly used in making bricks, ceramic wares, cement and also for landfill. The country has abundant clay resources with deposits located in the States of Pahang, Selangor, Terengganu, Kelantan, Perak, Kedah, Pulau Pinang, Negeri Sembilan, Johore and Sarawak.

The volume and value of production, number of producers, volume and value of import, and volume and value of export of clays in 2019 compared with the preceding year are shown in the table below.

Year	Production (Tonnes)	Value (RM million)	No. of Producers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	8,326,474	128.90	159	178,984	80.15	861,769	108.64
2019	9,150,675	211.16	145	175,274	82.36	753,267	105.45

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

## FELDSPAR

There are four types of feldspar found in Malaysia. Most are present as feldspar rock resources. However, only the potassium and sodium feldspar have economic value. They are found in the States of Negeri Sembilan, Perak, Johore, Kedah, Pahang and Kelantan. Feldspar is used mainly in the production of glass, ceramics and mild abrasives. Malaysia's production of feldspar in 2019 declined to 241,189 tonnes from 414,441 tonnes produced in 2018.

The following table shows the volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of feldspar in 2019 compared with the preceding year.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	414,441	26.39	6	80	151,450	40.44	43,901	15.98
2019	241,189	24.80	5	43	75,324	39.07	88,613	25.63

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

## MINERAL INDUSTRY STATUS

**KAOLIN**

The production of kaolin in 2019 decreased by 19 per cent to 400,722 tonnes from 496,219 tonnes produced in 2018. There were 22 active kaolin mines during the year under review. Mining for kaolin in Malaysia is being carried out only in Perak, Pahang and Johore. However, reserves of kaolin are also located in the States of Kelantan, Selangor and Sarawak. Kaolin is used mainly as paper coatings and fillers, and in the manufacture of ceramics, paints, rubber, plastics and chemical products.

The volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of kaolin during 2019 compared with the preceding year are shown in the following table.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	496,219	53.11	23	209	108,431	101.93	152,222	48.86
2019	400,722	40.38	22	199	108,293	92.25	168,273	46.40

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

**LIMESTONE**

The production of limestone in Malaysia in 2019 decreased by 5 per cent to 24,171,255 tonnes from 25,342,038 tonnes produced in 2018. Some 12,000 million tonnes of limestone reserves have been identified by the JMG located in the States of Perlis, Kedah, Perak, Selangor, Negeri Sembilan, Pahang, Kelantan, Sabah and Sarawak. Limestone is used in the manufacture of cement, and also for producing marble dimension stone and other limestone-based products.

The table below shows the quantity and value of production, number of limestone quarries, quantity and value of import, and quantity and value of export of limestone in 2019 compared with the preceding year.

Year	Production** (Tonnes)	Value (RM million)	No. of Quarries	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	25,342,038	282.81	85	1,485,027	0.43	1,728,952	213.72
2019	24,171,255	224.90	84	450,575,238	57.77	1,556,183	213.70

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

\*\* - excluding dimension stone and aggregates

## MINERAL INDUSTRY STATUS

## MICA

Malaysia's production of mica in 2019 declined to 4,358 tonnes from 5,165 tonnes produced in 2018. There were two mica producers in 2019, both located in Bidor, Perak and operating on ex-tin mining land. They are mostly exported to Japan, Thailand, Taiwan and South Korea.

Mica is a group of silicate minerals comprising varying amounts of aluminium, potassium, magnesium, iron and water. Mica produced in Malaysia is sericite, which is a fine-grained muscovite mica. The crude fine flakes are recovered from schistose rocks by screening according to the required grain size, either by wet or dry process. They are then further processed into various sizes of ground mica (sericite) powder. Sericite is used in industrial applications such as fillers in paints and cosmetics, as mould lubricant in the rubber industry, fluxing agent in welding electrodes and reinforcement in plastics.

The volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of mica in 2019 compared with the preceding year are shown in the table below.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	5,165	3.10	2	22	522	3.70	7,278	11.55
2019	4,358	2.61	2	22	748	4.46	6,030	11.34

Source: Department of Minerals and Geoscience Malaysia  
Department of Statistics, Malaysia

## SAND AND GRAVEL

Sand and gravel production in Malaysia in 2019 increased by 55 per cent to 69,424,689 tonnes from 44,919,128 tonnes produced in 2018. The country has abundant sand and gravel resources, derived mainly from rivers, alluvium, offshore areas and mine tailings located throughout the States of Perak, Kedah, Johore, Selangor and Sarawak. They are important raw materials for the construction and infrastructure sectors.

The following table shows the volume and value of production, number of producers, volume and value of import, and volume and value of export of sand and gravel in 2019 compared with the preceding year.

Year	Production (Tonnes)	Value (RM million)	No. of Producers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	44,919,128	660.90	883	19,770	17.35	1,356,571	3.53
2019	69,424,689	1,050.30	805	14,300	57.39	464,253	12.96

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

## MINERAL INDUSTRY STATUS

## SILICA SAND

Silica sand production in Malaysia in 2019 increased by 16 per cent to 4,704,505 from 4,063,970 tonnes produced in 2018. They came from 32 sand mining operations in Johore, Perak, Terengganu and Sarawak. The country has abundant silica sand resources. Malaysia's silica sand is mainly natural sand deposits and retreatment of ex-tin mine tailings. The JMG estimates that some 148.4 million tonnes of reserves are located in the States of Johor, Perak, Kelantan, Sabah and Sarawak. Most of the silica sand is used in the manufacture of glass products and to a lesser extent in the production of ceramics, foundries, glass wool and water treatment materials.

The volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of silica sand in 2019 compared with the preceding year are shown in the following below.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	4,063,970	233.91	21	249	36,877	17.62	337,048	34.56
2019	4,704,505	398.00	32	458	32,078	19.37	957,845	132.72

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia

## ENERGY MINERAL

## COAL

Malaysia's production of coal in 2019 increased to 3,459,122 tonnes from 2,652,813 tonnes produced in 2018. They came from six mines, all located in Sarawak. The country's coal resources are found primarily in the States of Sarawak and Sabah with smaller occurrences in the States of Selangor, Perak and Perlis. The JMG has estimated that Malaysia has some 1,724 million tonnes of coal reserves, comprising 275 million tonnes of measured, 347 million tonnes of indicated and the balance of 1,102 million tonnes of inferred reserves. Some 80 per cent of these resources are located in Sarawak, 19 per cent in Sabah and one per cent in Peninsular Malaysia. The largest reserves of coal are located in Merit Pila, Sarawak and in Maliau and Malibau, Sabah.

Coal is one of Malaysia's current domestic energy mix under its Five-Fuel Policy comprising oil, gas, hydro power, coal and renewable energy. Large quantities of coal are imported from Indonesia, Australia and China for consumption mainly by the power generation and cement plants and to a lesser extent by the iron and steel plants.

The following table shows the volume and value of production, number of mines, number of workers, volume and value of import, and volume and value of export of coal in 2019 compared with the preceding year.

Year	Production (Tonnes)	Value (RM million)	No. of Mines	No. of Workers	Import (Tonnes)	Value (RM million)	Export (Tonnes)	Value (RM million)
2018	2,652,813	371.39	7	730	34,258,595	12,891.44	538,507	109.35
2019	3,459,122	484.28	6	1,039	34,435,764	12,075.93	92,295	22.96

Source: Department of Mineral and Geoscience Malaysia  
Department of Statistics, Malaysia



## MINERAL INDUSTRY STATUS

The comparative figures of the volume and value of production of Malaysia's major minerals, the number of active mines and the number of direct workers employed in 2019 and those of the preceding year are shown in the table below. All production figures are in tonnes except for gold and associated minerals which are in kilogrammes.

Sub-sector	2018				2019			
	Production (tonnes)	Value (RM million)	No. of Mines	No. of Workers	Production (tonnes)	Value (RM million)	No. of Mines	No. of Workers
<b>(i) Metallic Mineral</b>								
Tin	3,868	313.76	23(x)	1,295	3,611	289.01	24	1,387
Bauxite	589,684	66.16	3	127	900,561	104.07	3	127
Gold (kg)	2,978	506.73	19	1,613	3,151	608.45	20	1,375
Ilmenite	14,158	3.35	n.a	n.a	2,334	0.55	n.a	n.a
Iron Ore	3,353,634	503.05	52	1,172	4,160,462	556.06	58	1,443
Manganese	1,262,725	232.34	15	383	1,130,749	208.06	21	355
Associated minerals(+) (kg)	9,049	48.26	n.a	n.a	6,463	19.43	n.a	n.a
<b>Sub-total</b>		1,673.65	112	4,590		1,785.63	126	4,687
<b>(ii) Non-Metallic Mineral</b>								
Aggregates	131,584,506	2,222.84	386	n.a	128,622,004	2,295.00	384	n.a
Clays	8,326,474	128.90	159	n.a	9,150,675	211.16	145	n.a
Feldspar	414,441	26.39	6	80	241,189	24.80	5	43
Kaolin	496,219	53.11	23	209	400,722	40.38	22	199
Limestone	25,342,038	282.81	85	n.a	24,171,255	224.90	84	n.a
Mica	5,165	3.10	2	22	4,358	2.61	2	22
Sand and gravel	44,919,128	660.90	883	n.a	69,424,689	1,050.30	805	n.a
Silica sand	4,063,970	233.91	21	249	4,704,505	398.00	32	458
<b>Sub-total</b>		3,611.96	1,565	560		4,247.15	1,479	722
<b>(iii) Energy Mineral</b>								
Coal	2,652,813	371.39	7	730	3,459,122	484.28	6	1,039
<b>GRAND TOTAL</b>		5,657.00	1,684	5,880		6,517.06	1,611	6,448

Source: Department of Mineral and Geoscience Malaysia

Department of Statistics, Malaysia

(+) - comprising zircon, monazite, rutile, struverite and silver

(x) - including among retreatment plants

n.a - not available

n.y.a - not yet available

\* - preliminary

## PROSPECTING / EXPLORATION / MINING DEVELOPMENT ACTIVITIES AND FUTURE PROSPECT

The JMG is the principle Federal Government agency under KATS that serves as the custodian of Malaysia's mineral resource industry and to oversee its development and advancement. Under the current 11<sup>th</sup> Malaysia Plan covering the period from 2016 to 2020, the JMG completed an Airborne Geophysical Survey conducted over the East Coast Economic Region (ECER) comprising the States of Kelantan, Terengganu, Pahang and North Johore. The Airborne Survey's main objectives are to identify potential mineralised zones as well as to update mineral data obtained from a previous airborne survey undertaken in 1980's.

During the year under review, the Report and data from the Airborne Survey were made available for purchase at the JMG. The Report and data, hopefully, will be beneficial to private sector players who are seeking to determine the potentialities for exploration and mining in the ECER, which eventually can lead towards actual exploration and mining investments into our mineral resource industry.

The private sector continued to undertake prospecting, exploration and mining activities during the year for various metallic, industrial and energy minerals throughout the States of Kedah, Perak, Selangor, Pahang, Kelantan, Terengganu, Johore, Sabah and Sarawak.

Major mining States continued to issue prospecting licences, mining leases, proprietary mining licences and exploration licences in 2019. Despite the global sluggish mineral commodities market, such issuance and approvals are indicative of private sector industry players interests in the future prospects and potentialities of the country's mineral resources going forward. Once the current slowdown in China's economy and the ending of the trade war between the United States and China, mineral commodity prices are expected to recover that will help enhance development of Malaysia's mineral resources.

## REPORT OF ACTIVITIES

*Highlighted below are some of the major activities undertaken by the Chamber during the year under review.*

### PROPOSED MALAYSIAN MINERAL RESOURCE INDUSTRY DEVELOPMENT MASTER PLAN, 2019-2030 – STRATEGIC PRIORITIES AND IMPERATIVES

The drafting of the Proposed Master Plan culminated from a meeting with the Chairman of the Council of Eminent Persons (CEP), YABhg Tun Daim Zainuddin, in late 2018, and following the submission of a proposal paper to him entitled *"Creating Strong Growth in Malaysia's Gross Domestic Product from the Mineral Resource Industry"*, together with three attachment write-ups entitled *"Revised Executive Summary of the Proposed Mineral Resource Industry Development Master Plan, 2019-2030"* by a Project Team of Industry Professionals, *"Development of the On-Shore Mining Activity in Malaysia and Policy Actions Needed to Drive It Further Forward"* by Dato' S. S. Subramaniam and *"The Malaysian Rare Earth Industry"* by Dato' Sia Hok Kiang.

Realising that the Mineral Industry Development Master Plan which was launched in 2008 followed by the introduction of the National Mineral Policy 2 (NMP 2) in 2009 by the then Ministry of Natural Resources and Environment have not been updated or revised, this Proposed Master Plan was for submission to the Ministry of Water, Land and Natural Resources (KATS) for consideration to replace the 2008 Master Plan.

The Chamber President then met with the Minister of KATS, YB Dr Xavier Jayakumar, at Parliament, on 25 March 2019 to brief him on the aforesaid submissions to YABhg Tun Daim. He was accompanied by Mr Lim Wei Hung, an alternate Council member and the Executive Director. The meeting was also attended by the new Secretary General of KATS, Datuk Zurinah Pawanteh, the Undersecretary of the Minerals and Geoscience Division (BMG), En. Muhammad Rosli Muhammad Jaafar, the Director General of JMG, Datuk Hj. Shahar Effendi Abdullah Azizi and other BMG and JMG senior officers. At this meeting, the President highlighted several critical strategic priorities in the Proposed Master Plan which were needed by the industry to move forward, such as the revival of the National Mineral Council, the need for all State Mineral Resource Committees to be active, the zoning of all mineralised areas and the issuance of exploration permits and mining leases to genuine mining companies with adequate funds and a good track record. Following the meeting, a Cabinet Paper was prepared by the BMG based on the inputs given during the meeting and along the lines of the aforesaid submissions made by our Chamber to YABhg Tun Daim.





*Presenting the Proposed Mineral Resource Industry Development Master Plan, 2019-2030 by the President to the YB Minister of KATS*

On 2 May 2019, the Proposed Malaysian Mineral Resource Industry Development Master Plan was officially presented to the KATS Minister during the Chamber's Annual Luncheon in Kuala Lumpur.

A briefing on the Proposed Master Plan to the Minister was subsequently held on 23 May 2019 at his office. Also present at the briefing were the Secretary General of KATS, Director General of JMG, Undersecretary of BMG, and several other senior officials of KATS and JMG. The Chamber was represented by the President, En. Zaidi Harun, a senior Council member, En. Najib Jaafar, Project Team Leader, the Executive Director, Technical Consultant and Technical Manager.

During the briefing, the Minister highlighted on the priority issue of the establishment of the Malaysian Mineral Industry Development Board which he had announced at Parliament on 1 May 2019. It was originally meant to replace the Tin Industry (Research and Development) Board (Tin Board) but with the Federal Government Agencies Rationalisation Programme initiated by the Ministry of Finance, the JMG and Tin Board would be merged into the Malaysian Mineral Industry Development Board. This exercise, hopefully, would drive the country's mineral resource industry forward and contribute significantly towards the Federal and State Governments' coffers.



## REPORT OF ACTIVITIES

## STANDARD OPERATING PROCEDURE (SOP) FOR MINING AND EXPORTING OF BAUXITE IN PAHANG

The saga on bauxite mining moratorium in Pahang finally ended when the Minister of KATS announced the lifting of the moratorium effective from 31 March 2019. The President, on behalf of the Chamber and industry players, subsequently sent a letter of appreciation to the KATS Minister for the positive action.

To ensure that bauxite mining and exporting activities in Pahang would be undertaken responsibly without degrading the surrounding environment, especially within the Kuantan Municipality, a draft Standard Operating Procedure (SOP) for Mining and Exporting of Bauxite in Pahang was prepared by KATS and JMG. An Executive Committee was subsequently formed by the Minister of KATS to review the draft SOP. The Executive Committee comprised the Chamber Executive Director and four other representatives, namely from the Academy of Science Malaysia, University Kebangsaan Malaysia, Universiti Sains Malaysia and the Malaysian Nature Society. The draft SOP was uploaded onto the Ministry's website to receive inputs and comments from the public, and later presented at a Public Hearing held on 14 April 2019 in Kuantan, Pahang for response and feedbacks.

Some 500 people participated in the said Public Hearing. Most of them were settlers from the Federal Land Development Authority (FELDA) scheme at Bukit Goh who were involved in bauxite mining. The Executive Committee received many feedbacks on the draft SOP received during the Public Hearing engagements with relevant stakeholders as well as from members of the public on-line. It then selected and grouped them into 11 recommendations under three main categories, namely Environmental Preservation & Rehabilitation, Safety & Health, and Revenue & Monitoring.

In the Environmental Preservation & Rehabilitation category, there were two recommendations, namely the compulsory use of jumbo bags to transport bauxite, as an option, which was successfully practiced in silica sand mining, and the compulsory submission of EIA report and mine rehabilitation plan for all bauxite mining activities irrespective of the scale of the mining operation. An EIA approval would be included as one of the conditions in the issuance of the Operational Mining Scheme (OMS) by the JMG. There were four recommendations under the Safety & Health category, with the first being that miners and workers must attend briefings on employment, safety and relevant regulations conducted from time to time by the State Government. The second concerned time restriction for the transportation of bauxite from the mine-site to central stockpile or to port at certain hours of the day in accordance with the existing SOP. There would not be any time restriction for the transportation



*At the Public Hearing of SOP on Mining and Exporting of Bauxite in Pahang, Kuantan, Pahang*

## REPORT OF ACTIVITIES

from central stockpile to port. The third recommendation was to include an additional chapter pertaining to the health of workers by the Department of Occupational Safety and Health (DOSH) in the SOP, and lastly a recommendation to the State Government and the Economic Planning Unit (EPU) to have dedicated roads for the transportation of bauxite and the upgrading of selected roads in order to improve traffic and public safety. Under the Revenue & Monitoring category, five recommendations were proposed, firstly to increase the rate of miners' contribution to the State's mine rehabilitation fund. The second recommendation was the establishment of a Monitoring and Enforcement Steering Committee and the setting-up of an e-complain website to be managed by KATS at the Federal level and Pahang State Authority at the State level. The third recommendation was to have the monitoring data uploaded onto the e-complain website for public sharing. The fourth was to plan and increase manpower as well as adequate financial allocations for the monitoring and enforcement agencies, especially during such time when bauxite mining was being carried out. The fifth recommendation was to form an Association or Co-operative for the FELDA settlers in Bukit Goh to be registered with the Registrar of Societies or the Co-operative Commission to enable them to continue with their bauxite mining activities when all issues pertaining to the agreement that they had previously signed with mining operators have been resolved by the Ministry of Economic Affairs.

The draft SOP incorporating the aforesaid recommendations was subsequently presented to the Minister of KATS and the Menteri Besar of Pahang, and his EXCO for engagement and endorsement. The engagement with the Pahang State Government and EXCO was important as several recommendations in the SOP that concerned State powers would need to be agreed upon, such as the requirement for all bauxite mining operations, irrespective of size, to undertake Environmental Impact Assessment study, to prepare a mine rehabilitation plan as well as to undertake a public liability insurance of RM1 million. The SOP would also require tenement holders to have a minimum size of 50 acres before they would be allowed to undertake bauxite mining, and that small tenement holders would need to aggregate their tenements to a minimum size of 50 acres. Upon the endorsement by the Pahang Menteri Besar and EXCO, the SOP was finalised and approved by the Minister of KATS with bauxite mining allowed to restart in stages beginning with the Gebeng area as a test case for the restart of bauxite mining in other areas in Pahang.

The finalised SOP on Mining and Exporting of Bauxite in Pahang has been uploaded by KATS onto its website, and is available for downloading for reference.



*At the Public Hearing of SOP on Mining and Exporting of Bauxite in Pahang, Kuantan, Pahang*



## REPORT OF ACTIVITIES

MEETING WITH  
YAB PAHANG  
MENTERI BESAR

A meeting with the Menteri Besar of Pahang, YAB Dato' Sri Wan Rosdy Wan Ismail, was held on 25 June 2019 at his office. The Chamber delegation to the meeting comprised several Council members, namely Dato' S.S. Subramaniam, Dato' Kelvin Lee Wai Mun, Dato' Sri Pek Kok Sam and Mr Lim Wei Hung, En. Mohd Ridzuan Rajen Abdullah, CEO of SS Subra Mining Consultancy, the Executive Director and Technical Manager.



*At the meeting with  
YAB Pahang Menteri Besar*

The meeting was an initiative taken by the Chamber to explain and highlight to the Menteri Besar the prevailing challenging situation in the mineral resource industry in Pahang. Earlier, the Chamber had submitted a Memorandum to the Menteri Besar highlighting several issues and challenges currently faced by miners in the State with a request and recommendation for their resolution. At that meeting, four major issues were raised, namely on the increase in the rates of mineral royalty from 5% to 10% and annual land rent from RM100 per hectare to RM1,000 per hectare, the short lease period of an average two years and the small size of the approved tenements. The afore-said issues have hindered investments by big mining companies in the State. When the mineral royalty was at the previous rate of 5%, it had encouraged a lot of mining activities with the State Government granting many mining leases and exploration licences to large companies. On the contrary, the hefty increase in the royalty and annual land rates have discouraged potential investments into the State's mineral resource industry.

The Menteri Besar said that the Pahang State Government needed to raise sufficient revenue for its operating and development needs, hence the increase rates. Nevertheless, he indicated that he would seriously look into some of the issues raised, particularly with regard to the short tenureship and small tenement size. Until year end, no meaningful response was received on these issues.

NATIONAL TIN  
CONFERENCE  
(NTC) 2019

Following an announcement made by the Minister of Water, Land and Natural Resources (KATS), YB Dr Xavier Jayakumar to revitalise the Malaysian tin mining industry, the Chamber, together with the Tin Industry (Research and Development) Board (Tin Board) and the Kuala Lumpur Tin Market (KLTM) jointly organised a National Tin Conference (NTC) on 17 December 2019 at Hotel Istana, Kuala Lumpur. The organising of this one-day event with the theme, *"Revitalising the Malaysian Tin Mining Industry"* was in collaboration with KATS, the JMG and Universiti Malaya (UM), and supported by the ASEAN Federation of Mining Associations (AFMA).

Amongst the main objectives of the NTC 2019 were to stimulate and rejuvenate interests in tin mining industry in Malaysia, to identify the locations of the reported 1.3



## REPORT OF ACTIVITIES



At the NTC 2019

million tonnes of tin resources in Malaysia by the JMG as well as to highlight the challenges in the exploration for, and mining of primary tin deposits in Malaysia. The Conference was held to help encourage industry players to respond positively to the initiative to revitalise the Malaysian tin mining industry as pronounced by the Federal Government.

The event attracted some 320 participants comprising major local and international tin industry players including from China and Thailand, senior Government and State agency officials, members of the mining fraternity, academicians, researchers and students from local universities.

NTC 2019 received good sponsorships from Rahman Hydraulic Tin Sdn Bhd, Kum-pulan Semesta Sdn Bhd (KSSB) and SMGB Group Sdn Bhd as Gold Sponsors, Edubest Resources Sdn Bhd and Pan Asia Metals Ltd as Silver Sponsors, Monument Mining Limited as as Bronze Sponsor and Nalidah Tin Mine Sdn Bhd as the Conference Bag Sponsor. A minimal fee was charged to encourage participation in the event.

The Conference was officially opened by the Deputy Minister of KATS, YB Tengku Zulpuri Shah Raja Puji. A Welcome Remarks was delivered by the Chamber President and followed by nine technical paper presentations, namely by Professor Dr Laurence Robb from United Kingdom, Mr Warren Hallam and Mr Paul Lock from Australia, Ms Salmiah Nawi of JMG, Dr Ismail Ibrahim of Mineral Research Centre (PPM) of JMG, Dr Jasmi Hafiz Abdul Aziz of Universiti Malaya, Dr Zakaria Endut of Universiti Sains Malaysia and two Chamber Council members, Dato' Sia Hok Kiang and En. Madzlan Zam. The Conference concluded with a Panel Discussion with the theme "*Challenges in the Exploration for, and Mining of Primary Tin Deposits in Malaysia*", moderated by the Chamber Executive Director. The Panelists were the Chamber President, Deputy Director General of JMG, Tn. Hj. Hisamuddin Termidi, Dato' Sia Hok Kiang, Mr Paul Lock and Mr Warren Hallam.

## REPORT OF ACTIVITIES

At the sideline, a mini exhibition was held alongside the NTC 2019. It was participated by the Chamber/Tin Board/KLTM/Malaysian Tin Products Manufacturers' Association, KSSB, PPM and UM Press.

A number of useful and relevant feedbacks, recommendations and suggestions were received from the technical paper presentations and Panel Discussion, which were compiled and subsequently submitted to KATS and JMG for inclusion in the Cabinet paper on the Proposed Revitalisation of the Tin Mining Industry in Malaysia.

## VISIT BY A TEAM OF GEOLOGISTS FROM THE CHENGDU CENTRE-CHINA GEOLOGICAL SURVEY TO MALAYSIA

A team of three geologists led by Dr Yang Yongfei from the Chengdu Centre-China Geological Survey (CC-CGS) visited Malaysia from 6 to 13 August 2019. The Chamber Secretariat assisted them in their programme arrangements for the one-week visit.

The CC-CGS team paid a Courtesy Call to the Department of Mineral and Geoscience (JMG) on 6 August 2019, and was received by the Deputy Director General of JMG, En. Kamal Daril and several other JMG senior officers. The next day, the team visited the Chamber Secretariat and was received by the Executive Director and several senior Secretariat officers. They had wide ranging discussions covering co-operation and collaboration in the field of geosciences in both China and Malaysia, including the participation of geologists in various related programmes organised in both countries and in ASEAN.

On 9 August 2019, the CC-CGS team visited a tin mine owned by K.L. Larut Sdn Bhd, located in Bestari Jaya, Selangor accompanied by Mr Teoh Lay Hock, the Chamber's Technical Consultant. On 12 and 13 August 2019, the team visited the Penjom and Selinsing gold mines both in Kuala Lipis, Pahang, respectively. During this two-day mine visit, they were accompanied by the Executive Director, Technical Consultant and Technical Manager.

The CC-CGS team was grateful for all the support and assistance accorded to them during their one-week visit to Malaysia, particularly by the Chamber Secretariat officers, the staff and mine owners of K.L. Larut Sdn Bhd, Penjom and Selinsing gold mines.



*With visitors from the Chengdu Centre-China Geological Survey (CC-CGS)*



*At the Selinsing gold mine in Kuala Lipis, Pahang*



At the ITA Asia Tin Week 2019

## INTERNATIONAL TIN ASSOCIATION (ITA) ASIA TIN WEEK 2019

The event was held from 3 to 5 September 2019 in Xi'an, China. The Chamber delegation to the event was led by the President and accompanied by the Executive Director, Technical Manager and Technical Consultant. It was organised by the International Tin Association (ITA), UK, and ITA China office.

The three-day event attracted some 250 tin industry delegates from all over the world. Several papers relating to tin market outlook, latest research, development and applications were presented thereat. It was predicted that the demand for tin chemicals would increase, in-line with the positive growth in tin chemical products, such as stannous methyl sulfonate, tin-based flame retardant, tin dioxide and stannous sulfate. Tin solder was being used in 5G applications, which required higher frequency, broader bandwidth and faster speed. One big challenge for the tin solder industry was miniaturisation, which resulted in a lower consumption by the electrical and electronics sector. However, it was compensated by the increasing number of electronic units produced. Tin had also been widely used in the glass industry. The Thailand Smelting and Refining Co. Ltd. (Thaisarco) had been producing high purity tin of 99.999% for the manufacturing of float glass used in the production of screens and monitors.

In terms of perception of the tin industry, most speakers felt that the market situation would improve and that the tin price would increase to some US\$18,000 to US\$20,000 in the very near future. As for global tin supply, despite a new mine being opened up in the Democratic Republic of Congo, it would be impacted by the temporary closure of China's Baiyin Changan mine due to an accident as well as the declining tin production from Myanmar. Overall, participants at the event generally agreed that the current business condition was proving difficult, both in the upstream and downstream industries that resulted from the US-China trade war. Nonetheless, they believed that there were significant opportunities for tin in the medium to long-term future.



## REPORT OF ACTIVITIES

## VISIT BY THE CHINA-ASEAN MINING INFORMATION SERVICE PLATFORM (CAMISP) SECRETARIAT

A visit by officials from the CAMISP Secretariat to the Chamber Secretariat was held on 30 October 2019. It was led by Mr Huang Rongqiang, Director of Geological and Mining Department of Guangxi Land and Resources Planning Institute and Principal Director of CAMISP Secretariat. He was accompanied by Mr Wujing, General Manager of Guangxi Zhongke Geological Exploration Co., Ltd and Geological Exploration Technical Director of CAMISP Secretariat, Mr Lu Zhi, Deputy Director General and Chief Engineer of Guangxi Metallurgical Research Institute and Project Liaison Officer of CAMISP Secretariat, Ms Peng Zhangyi, Technical Staff of Guangxi Land and Resources Planning Institute and Marketing Director of CAMISP Secretariat and Ms Katherine Wang, Liaison Officer of CAMISP Secretariat.

Several representatives of Chinese investors accompanied the CAMISP Secretariat officials during the visit. The Chamber Executive Director received the visitors, and in attendance were the Chamber's Technical Consultant, Technical Manager and Technical Executive. Several Chamber members were also present, including Mr Christopher Lum, Dr Yves Cheze and Mr Yip Foo Weng. The visit was mainly to discuss on further closer co-operation between the CAMISP and the Chamber and also on potential investment in mining projects in Malaysia.

After the conclusion of discussions, the CAMISP officially launched its Malaysia office located at the Chamber Secretariat, and unveiled its plaque. Malaysia is its second regional office with the first one being Lao PDR. The Malaysia office will serve the Malaysian and Indonesian region. An information counter displaying relevant documents and information pertaining to the CAMISP has been set-up at the Chamber Secretariat.



*With visitors from the China-ASEAN Mining Information Service Platform (CAMISP) Secretariat*



*In front of the CAMISP Malaysia office plaque*

## 2<sup>nd</sup> ASEAN MINERAL AWARDS (AMA)

The Chamber was involved in the National Selection Committee of the above Awards together with the Malaysia Quarries Association under the invitation of KATS and the JMG.

The National Selection Committee met two times on 4 March 2019 and 14 March 2019 to consider the submissions from interested mining companies for the 2<sup>nd</sup> AMA received by the BMG of KATS. After the selection process was completed, three companies were eligible as candidates to represent Malaysia to compete in the 2<sup>nd</sup> AMA. They were FYS Marketing Sdn Bhd (FYS Marketing) for Best Practices in Non-Metallic Mining category, Terengganu Silica Consortium Sdn Bhd (Terengganu Silica) for Best Practices in Non-Metallic Processing category, and Kumpulan Semesta Sdn Bhd (KSSB) for Best Practices in Non-Metallic Distribution category. FYS Marketing, however, later pulled out from candidacy.

The Awards presentation was held at the Gala Dinner of the 7<sup>th</sup> ASEAN Ministerial Meetings on Minerals (AMMin) on 13 December 2019 in Bangkok, Thailand. The Awards were presented by the Minister of Industry of Thailand, His Excellency Mr Suriya Jungrungreangkit. Terengganu Silica and KSSB were announced as winners of the Awards in the category they competed for, respectively. The outstanding achievements of both these winners at the highest level in ASEAN were widely covered in our local media for making our country and the mineral resource industry proud and accepted in the eyes of the public.



*Terengganu Silica and KSSB receiving awards at the 2<sup>nd</sup> AMA*

## REPORT OF ACTIVITIES

ASEAN  
FEDERATION OF  
MINING  
ASSOCIATIONS

The Chamber has been hosting the ASEAN Federation of Mining Associations (AFMA) Secretariat, and the Chamber President and Executive Director have been holding the posts of AFMA President and Secretary General, respectively since 2015. Following the completion of a two-year tenureship covering 2015 to 2016, the Chamber was requested to extend for another year covering 2017 so as to complete all outstanding activity programmes initiated during the past years. At end of 2017, however, the Chamber was again requested to continue for another one year covering 2018 as the Chamber of Mines of the Philippines (COMP) being the incumbent AFMA Vice President, was not yet ready to take over hosting of AFMA. Yet again, at the end of 2018, the Chamber was requested to helm AFMA for another year covering 2019 since COMP who was still facing pressing internal issues and challenges, such as the ban on open pit mining in the Philippines as well as compliance with various mining international standards. With all these extensions, your Chamber thus has continued to host the Secretariat of AFMA over the last five consecutive years, which indeed is a record.

At end of 2019, your Chamber was further persuaded to helm AFMA for another year covering 2020, meaning that never before has an AFMA member hosted AFMA Secretariat for a total of six years in a stretch.

AFMA is a Civil Society Organisation (CSO) accredited to ASEAN. It is compulsory for AFMA to submit an annual summary of activities and programmes undertaken during the year to the ASEAN Secretariat. In 2019, the Chamber, as AFMA host Secretariat, participated and undertook various activities and programmes, which are highlighted below:

16<sup>th</sup> ASEAN SENIOR  
OFFICIALS MEETING ON  
MINERALS (ASOMM)  
WORKING GROUP  
MEETINGS

The Meeting was held from 18 to 21 March 2019 at the Kantary Hills Hotel, Chiang Mai, Thailand. The Technical Manager and Technical Executive attended the Meeting representing the ASEAN Federation of Mining Associations (AFMA). Malaysia's delegation was represented by Senior Officers of the Department of Mineral and Geoscience (JMG) and the Mineral and Geoscience Division of the Ministry of Water, Land and Natural Resources. Except for Vietnam, all ASEAN Member States (AMS) attended the Meeting. Also present were representatives from the Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) and the Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF).

The 16<sup>th</sup> ASOMM Working Groups Meeting was declared open by the Director General of the Department of Primary Industries and Mines of Thailand, Mr Wisanu Tabtieng. The three-day meeting discussed the implementation status of all activities and programmes undertaken in 2019 under the four Working Groups, namely on Trade and Investment in Minerals (WGTIM), on Sustainable Mineral Development, on Capacity Building in Minerals and on Mineral Information and Database of the ASEAN Mineral Cooperation Action Plan (AMCAP-III) Phase 1:2016 to 2020. AFMA representatives were only invited to attend the meeting of the WGTIM.



## REPORT OF ACTIVITIES

AFMA representatives presented latest updates on the implementation of the activity programmes entrusted to AFMA under the AMCAP-III Phase I at the WGTIM meeting, as follows;

- Organising of Technical Mission/Field Trip (Phase I) to Myanmar and (Phase II) to Thailand, Lao PDR and Cambodia. Unfortunately, Phase I had to be postponed due to lack of support from both the public and private sectors of AMS. AFMA had also experienced less than anticipated support with regard to various logistical matters, such as location of mines, transportation and security matters. Nonetheless, AFMA was determined to make a success of this activity programme eventually. Phase II of the Technical Mission/Field Trip to Thailand, Lao PDR and Cambodia would only be organised depending on the success of Phase I. AFMA sought strong support from all the Ministries and related agencies in these four countries, especially, and also from the other AMS by providing necessary assistance and participation required in making this AMCAP activity programme a success.
- Holding of the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN that would be organised by the Mining Industry Council of Thailand and co-organised by AFMA back-to-back with the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM+3 Consultation and 7<sup>th</sup> ASEAN Ministerial Meeting on Minerals (AMMin) in early December 2019, in Bangkok, Thailand.
- Preparing of a Position Paper on facilitating and enhancing collaborative efforts in mineral resource investment in ASEAN that would be presented at the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM+3 Consultation and 7<sup>th</sup> AMMin in early December 2019, in Bangkok, Thailand.

The 17<sup>th</sup> ASOMM Working Groups Meeting will be held in Singapore some time in March 2020.



At the 16<sup>th</sup> ASOMM Working Group Meetings



## REPORT OF ACTIVITIES

### 9<sup>th</sup> LIAISON OFFICIALS MEETING OF THE CHINA-ASEAN MINING COOPERATION FORUM AND EXHIBITION (CAMCFE)

The meeting was held on 12 July 2019 in Jakarta, Indonesia. It was attended by the Executive Director, concurrently the Secretary General of the ASEAN Federation of Mining Associations (AFMA), as the appointed industry's liaison officer to the CAMCFE. Malaysia's public sector was represented by En. Ahmad Shamsul Bahari Ismail, the Assistant Secretary of the Mineral and Geoscience Division of the Ministry of Water, Land and Natural Resource.

Almost all of the ASEAN member countries were present at the meeting, which was organised by the CAMCFE Secretariat and co-hosted by the Ministry of Energy and Mineral Resources (ESDM) of Indonesia. Ms Samsia Gustina, senior official of ESDM and Mr Lu Jingyu, Secretary General of CAMCFE Secretariat delivered their Welcome Remarks and Opening Speech, respectively. The CAMCFE Secretariat then presented a report on the various collaborative programmes undertaken in 2018 which was followed by active discussions on some of their shortfalls and suggestions on improvements for the future. This year, the 10<sup>th</sup> CAMCFE would be held from 13 to 17 November 2019 in Nanning, China, with the theme, *"Deepening Mutually Beneficial Mining Cooperation, Accelerating Economic Win-win Development"*.

The training programmes undertaken during the past year at the China-ASEAN Mining Personnel Exchange & Training Centre (CAMPETC) were also reported and discussed at the meeting. The programmes to be undertaken in 2019 would focus on the theme *"Green Mining Development"*. Amongst them would be a training programme on geological prospecting that would be held from 19 October to 17 November 2019 in Nanning, China. During the discussions at the meeting, several suggestions were also made to improve on the CAMPETC's future training programmes. Before the meeting adjourned, Mr Lu Jingyu extended the invitation of the CAMCFE Secretariat to all senior officials from both the public and private sectors of ASEAN Member States to attend and participate in the upcoming 10<sup>th</sup> CAMCFE 2019.

### WORKSHOP AND TRAINING SESSION TOWARD SUSTAINABLE MINING PRACTICES AMONG ASEAN AND +3 COUNTRIES AND THE INTERGOVERNMENTAL FORUM ON MINING, MINERALS, METALS AND SUSTAINABLE DEVELOPMENT (IGF)

The Workshop and Training Session were attended by the Technical Manager, which were held from 23 to 24 July 2019 in Bangkok, Thailand including a one-day field visit on 25 July 2019 to the Saraburi Province.

The Technical Manager attended the events as a representative of AFMA. Other participants from Malaysia who attended were officers from the Mineral and Geoscience Division of the Ministry of Water, Land and Natural Resource, from the Mineral Research Centre, JMG and from the Technical Services Division of JMG. Only five ASEAN Member States (AMS) participated in the events, namely Thailand, the Philippines, Myanmar, Indonesia and Malaysia.

The Workshop and Training Session were declared open simultaneously by the Director-General of the Department of Primary Industries and Mines (DPIM) of Thailand, Mr Wisanu Tabtieng. A Keynote Address was delivered by the Deputy Director of IGF, Mr Matthew Bliss. Thereafter, the Workshop and Training Session were conducted separately. The Workshop was a knowledge sharing programme on sustainable mining and best practices. On the first day, the Workshop speakers were from the Korea Institute of Geoscience and Mineral Resources (KIGAM), the Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) and the winners of the 1<sup>st</sup> ASEAN Mineral Awards, namely Rio Tuba Nickel and Oceana Gold from the Philippines, PT Amman Mineral Nusa Tenggara from Indonesia, Siam Ce-



*Participating at the Workshop and Training Session toward Sustainable Mining Practices among ASEAN and +3 Countries and the IGF and Field Visit to Siam Cement Group (SCG) limestone quarry and cement plant*

ment Group (SCG) and Pipatkorn Co. Ltd. from Thailand, who shared their best practice experiences. As for the Training Session, two lectures entitled “*Introduction to Mining*” and “*Mineral Resource Governance*” were delivered by Assistant Professor Dr Sunthorn Pumjan of Chulalongkorn University and Mr Matthew Bliss, respectively.

The second day of the Workshop started with a presentation on Reporting Mechanism Project Introduction by Dr Kridtaya Sakamornsnguan of DPIM. A presentation entitled “*Global Updates of Sustainability Assessment Frameworks, Tools and Indicators*” by Mr Matthew Bliss ensued. They were followed by presentations on reporting mechanism implementations in the AMS by each country representative present at the Workshop. It ended with a breakout session on “*Sustainable Development Indicators for ASEAN*” led by Mr Matthew Bliss. The Training Session’s second day started with two lectures on “*Mining Project Development*” and “*Sustainable Development Concept*” delivered by Assistant Professor Dr Sunthorn Pumjan. It ended with presentations on the mineral situation in the AMS by each country representative present at the Training Session.

On the third day, all participants to the events were taken on a field trip to an SCG limestone quarry and cement plant located in the Saraburi Province, and visited a school nearby that had previously received CSR assistance from SCG.

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COURTESY CALL  
TO THE INDONESIAN  
MINING  
ASSOCIATION  
(IMA)

A Courtesy Call by AFMA to the Indonesian Mining Association (IMA) took place on 8 August 2019 at Bakrie Tower, South Jakarta, Indonesia. It was led by the President of the ASEAN Federation of Mining Associations (AFMA), Dato' Seri Dr Mohd Ajib Anuar. He was accompanied by the AFMA Secretary General, Mr Muhamad Nor Muhamad, Consultant to the Chamber of Mines of the Philippines (COMP), Ms Nelia Halcon and an AFMA Secretariat officer, Mr Lutfi Hamidee Abd Latif.

The AFMA delegation was received by IMA Chairman, Mr Ido Hutabarat. In attendance were several IMA Board members, namely Mr Priyadi, Mr Bill Sullivan, Mr Bayu Aji (representing Mr Nico Kanter) and Mr Charles (representing Mr M. Riza Pahlevi Tabrani), IMA Acting Executive Director, Mr Djoko Widajtno, IMA Executive Secretary, Mr Adam Muhammad and several other IMA Secretariat staff.

After the Welcome Remarks by IMA Chairman, Mr Ido, the AFMA President gave a run down of AFMA's history, and its active involvement in ASEAN, specifically in the annual ASEAN Senior Officials Meeting on Minerals (ASOMM) and its four Working Groups Meetings, namely the Working Group on Trade and Investment (WGTIM), Working Group on Sustainable Mineral Development, Working Group on Capacity Building in Mineral and Working Group on Mineral Information and Database. AFMA's participation mainly centered in the WGTIM where it had been entrusted by ASOMM to help spur trade in metals and minerals, and promote investment for mining development in all ASEAN Member States. AFMA had also been participating in the annual ASOMM + 3 Consultations with ASEAN's three Dialogue Partners, namely China, Japan and the Republic of Korea as well as in the biennial ASEAN Ministerial Meeting on Minerals (AMMin). Back-to-back with these meetings, AFMA had organised the Private Sector Forums on Cooperation in Minerals in ASEAN, forming part of its task and responsibility under the ASEAN Mineral Cooperation Action Plan (AMCAP -III), Phase 1 (2016-2020). During the Private Sector Forums, issues and challenges facing the mineral resource industry in all AMS were highlighted to participants that comprised delegates from all AMS to ASOMM and from the three Dialogue Partners as well as industry players.

A detailed report of AFMA's activity programmes undertaken in 2018 and in 2019 as well as planned future activities was presented in PowerPoint by the AFMA Secretary General.



## REPORT OF ACTIVITIES



*At the Courtesy Call to IMA*

Several pertinent matters were discussed at that meeting, namely on how to strengthen cooperation between all AFMA members, foster close cooperation and rapport amongst members of the public sector in AMS, address challenges confronting the mineral resource industry in ASEAN and the proposal to set-up a Permanent AFMA Secretariat. There was also active discussion on how AFMA could assist members in addressing the various issues and challenges impeding the development of their respective country's mineral resource industry, such as the banning of open pit mining by the Philippines' Government and the processing of raw minerals locally before exports by the Indonesian Government.

The Secretary General intimated that AFMA Secretariat had undertaken several initiatives towards addressing some of these issues at AFMA and ASOMM levels. AFMA Secretariat with the assistance of COMP had compiled a Compendium on Mining Tax Regime in ASEAN and certain Developed Mining Countries whose primary purpose was to provide a comparison in the mining taxes imposed and incentives available in these countries. Hopefully, it would provide a clear understanding of the differing taxation and fiscal regimes facing the mineral resource industry in the AMS. AFMA had also presented a Position Paper on the various issues and challenges confronting the mineral sector in ASEAN during the 2018 ASOMM held in Manila. Unfortunately, responses and feedbacks on the Paper were not so forthcoming from most AFMA members when it was circulated before finalisation. Certain issues, however, must be carefully raised or not at all at ASOMM because of their sensitivity nature to certain AMS.

The discussions then followed by Ms Nelia Halcon proposing that AFMA should consider establishing a Permanent Secretariat. By having such a Secretariat, many of its documents and records could be kept properly and safely, and on-going activities and programmes could be run smoothly as the Permanent Secretariat could organise them more effectively. The Permanent AFMA Secretariat could be located in Jakarta where it would be near to the ASEAN Secretariat. Following some deliberations on the matter, it was decided that the AFMA Secretary General and Ms Nelia Halcon would jointly prepare the said proposal for tabling and consideration at the next AFMA Executive Council that would meet in December 2019 in Bangkok.

Towards end of the Courtesy Call, the AFMA Secretary General invited all present to attend the National Tin Conference (NTC) 2019 that would be held on 17 December 2019 in Kuala Lumpur. It would be jointly organised by the Chamber and supported by AFMA. The primary objective of NTC 2019 was to highlight the opportunities available in the primary hard rock deposits of Malaysia's tin industry, and its economic significance to the country's development. The Conference was also the result of the initiative of Malaysia's new Government and its new Ministry of Water, Land and Natural Resources to revitalise the country's tin industry.



## REPORT OF ACTIVITIES

**COURTESY CALL TO THE  
INDONESIAN COAL  
MINING  
ASSOCIATION  
(ICMA)**



*At the Courtesy Call to the ICMA*

A Courtesy Call by AFMA to the Indonesian Coal Mining Association (ICMA) also took place on 8 August 2019 at the latter's office in South Jakarta, Indonesia. The ASEAN Federation of Mining Associations' (AFMA) delegation comprised the same members as the one that paid the Courtesy Call to IMA earlier in the day.

The ICMA Executive Director, Mr Hendra Sinadia, his senior officers and supporting staff received the delegation.

Following a Welcome Speech by the ICMA Executive Director and Appreciation Remarks by the AFMA President, a briefing on AFMA's activity programmes undertaken throughout 2018 and in 2019 as well as planned future activities were presented by the AFMA Secretary General.

During the briefing, the AFMA Secretary General took the opportunity to highlight that under the new AFMA Constitution, which was approved last year, other associated mineral-related organisations in ASEAN could now join AFMA as a national member. Before this, only the primary national mining association of an ASEAN country could join AFMA as a national member. ICMA was then invited to join as a national member of AFMA and that its participation in AFMA as a member would certainly contribute towards the betterment of the entire mineral resource industry in ASEAN.

Mr Hendra Sinadia informed that Ms Nelia Halcon had earlier invited ICMA to join AFMA membership when he attended the 2018 Mining Philippines Conference and Exhibition in Manila. Upon his return to Jakarta, he had raised the matter with the ICMA Board whose decision was still pending. With the revised AFMA Constitution now in place, he would again pursue the matter with the ICMA Board at its upcoming meeting. He suggested that AFMA should perhaps also extend invitations to related mining professional organisations and other services associations in ASEAN to join AFMA membership.

The Secretary General said that a delegation from Chengdu Centre-China Geological Survey (CC-CGS) which recently visited AFMA Secretariat in Kuala Lumpur in early August 2019 and went on a one-week field trip to several tin and gold mines in Peninsular Malaysia had also shown interest to be an AFMA member.

## REPORT OF ACTIVITIES

The President remarked that ICMA, as one of the largest mineral-related association in ASEAN in terms of size and membership, should be able to provide leverage to AFMA upon becoming a member. Hopefully, there would be more mutual cooperation and beneficial collaboration between both mineral-based organisations, going forward.

The Secretary General said that a proposal for a Permanent AFMA Secretariat had been raised and discussed at the AFMA Executive Council meeting on 6 December 2018 in Manila. The need for such a Secretariat was to ensure good and proper record keeping and documentation security. This matter was again raised at the earlier Courtesy Call to the IMA, where it was decided that Ms Nelia Halcon and himself would jointly prepare a proposal paper on the setting-up of such an AFMA Permanent Secretariat, located probably in Jakarta, for tabling at the forthcoming AFMA Executive Council meeting scheduled to be held in early December 2019 in Bangkok, back-to-back with the 19th ASOMM, 12th ASOMM+3 Consultation and 7th AMMin. The proposal would include cost estimates for the employment of permanent staff and operational expenses as well as an analysis of its costs and benefits. He might seek Mr Hendra Sinadia's assistance in compilation of certain of the staff costs and operating expenses estimates.

He then enquired whether ICMA could possibly provide an office space within its premises to house the AFMA Permanent Secretariat. Mr Hendra Sinadia replied stating that he had already proposed to the ICMA Board of providing such a space requirement and dedicated staff for the AFMA Secretariat, which had yet to be decided upon.

#### COURTESY CALL TO THE MINING INDUSTRY COUNCIL OF THAILAND (MICT)

A Courtesy Call by AFMA to the Mining Industry Council of Thailand (MICT) took place on 22 August 2019 at the latter's office in Bangkok, Thailand. The AFMA delegation was led by its President and included the AFMA Secretary General, Vice-Chairman of the Myanmar Federation of Mining Association (MFMA), Mr Aye Lwin and an AFMA Secretariat officer. It also included the Mining Advisor to the Power Line Engineering Public Company Ltd of Thailand, and his spouse as well as an Executive from Gympsum Co. Ltd., Myanmar.

The AFMA delegation was received by the newly elected MICT Chairman, Ms Anchalee Trakuldit, Vice-Chairman, Mr Yoot Eamsa-ard, Acting Secretary General, Mr Surapol Udompornwirat, MICT Board of Directors, Mr Suthep Soontrarun and Mr Chanarong Tongcham.

Following the Welcome Speech by Ms Anchalee and Appreciation Remarks by the AFMA President, the AFMA Secretary General presented AFMA's activity programmes undertaken throughout 2018 and in 2019 as well as those planned for the future.

The Secretary General highlighted on the need for closer cooperation and rapport between AFMA members in confronting issues and challenges faced by the mineral resource industry in ASEAN, such as the ban on open pit mining by the Philippines Government. He said that such issues and challenges that impede the progress and development of the ASEAN mineral resource industry would need to be presented to ASOMM, from time to time. As an intergovernmental forum for the mineral resource industry in ASEAN, ASOMM should be fully aware of the issues and challenges facing the private sector and help in their appropriate resolution.

## REPORT OF ACTIVITIES



*At the Courtesy Call to the MICT*

He further said that under the newly amended AFMA Constitution, which was approved at an AFMA Executive Council meeting in 2018, other mining-related organisations inside of ASEAN could now join AFMA as national members. Before, only the primary national mining association of an ASEAN country could become a national member. The amendments made to the Constitution was timely as related mining organisations, such as the many local mining associations in Vietnam could become national members, and that related organisations outside ASEAN could apply to become special members. When AFMA recently made a Courtesy Call to the Indonesian Coal Mining Association (ICMA) on 8 August 2019, it was noted that the ICMA was interested to join AFMA as a national member. A delegation from the Chengdu Centre-China Geological Survey (CC-CGS), which recently visited AFMA Secretariat in early August 2019 for a one week field trip to several tin and gold mines in Peninsular Malaysia had also shown interest to be an AFMA special member. With a larger membership base, AFMA would be in a better financial position to run its Secretariat and organise more activities.

With regard to the organising of the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN, the Secretary General said that the Forum was expected to be held in early December 2019 in Bangkok, back-to-back with the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM+3 Consultation and 7<sup>th</sup> AMMin. The exact date for these events had yet to be announced by the Department of Primary Industries and Mines of Thailand, as the host Government agency. MICT would be tasked with organising this 7<sup>th</sup> Private Sector Forum with AFMA providing all the required assistance and support. AFMA had also been organising the Asia Pacific Mineral Resource Exhibition and Conference (APMREC), a trademark biennial event of AFMA. The most recent one was the 11<sup>th</sup> APMREC organised by MCOM and supported by AFMA held from 10 to 12 November 2016 in Kuala Lumpur, where the 4<sup>th</sup> Private Sector Forum formed part of that two-day Conference. Following some discussion on the matter, it was agreed that due to time constraints, it would be difficult for MICT to organise the 12<sup>th</sup> APMREC, and that It would be better for MICT to just focus on successfully organising the 7<sup>th</sup> Private Sector Forum.

The Secretary General then reported that during the recent Courtesy Calls to IMA and ICMA in Jakarta on 8 August 2019, one item discussed was on the possibility of setting-up an AFMA Permanent Secretariat. The office could probably be located in the ICMA premises in Jakarta. With a Permanent Secretariat, it would enable AFMA to better manage its record keeping and documentation security, and that visitors would also have better access to AFMA. However, there would be positive and nega-



## REPORT OF ACTIVITIES

tive implications in having such a Permanent Secretariat. In this regard, together with Ms Nelia Halcon, Consultant to COMP, he had been tasked to jointly prepare a proposal paper which would include costs for hiring of staff and operational expenses as well as a costs and benefits analysis of having such a Permanent Secretariat for tabling and consideration at the AFMA Executive Council meeting to be held after the conclusion of the 7<sup>th</sup> Private Sector Forum in Bangkok, in December 2019.

Towards the conclusion of his presentation, the AFMA Secretary General invited MICT members to attend the National Tin Conference (NTC) 2019, scheduled to be held on 17 December 2019 in Kuala Lumpur. It would be jointly organised by MCOM and related mining organisations and supported by AFMA. The Conference would focus on the revitalisation of the tin mining industry in Malaysia in response to the initiative of the new Malaysian Government to enhance the development of the country's mineral resource industry as an important economic sector towards increasing its GDP contribution, going forward.

**COURTESY CALL  
TO THE  
TECHNICAL  
SECRETARIAT OF THE  
COORDINATING  
COMMITTEE ON  
GEOSCIENCE  
PROGRAMME IN  
EAST AND  
SOUTHEAST ASIA (CCOP)**

A Courtesy Call by AFMA to the CCOP office in Bangkok, Thailand took place on 23 August 2019. AFMA delegation was led by its President. He was accompanied by the AFMA Secretary General and an AFMA Secretariat officer.

The CCOP Technical Secretariat Director, Dr Young Joo Lee; Regional Expert, Dr Dhiti Tulyatid; Manager on Project Operation and Information, Ms Marivic Pulvera Uzarraga and several CCOP Secretariat supporting staff received the AFMA delegation.

Dr Lee and Dr Dhiti briefed on CCOP's organisational structure and its activity programmes. CCOP was founded in 1966 as an intergovernmental organisation under the auspices of the United Nations, initially focused on joint prospecting for mineral resources in the offshore areas of Asia. Its scope had since expanded to cover the whole spectrum of geoscience fields covering offshore and onshore areas in Asia. It also organised activities and programmes that included several mining-related seminars, workshops and trainings on geological mapping, mine rehabilitation and underground water which were of interest to AFMA. They hoped that AFMA and CCOP could collaborate and cooperate in these activities and programmes or replicate them so as to benefit both parties.



*At the Courtesy Call to the CCOP*

## REPORT OF ACTIVITIES

The AFMA Secretary General then gave a briefing on AFMA's history, organisational structure and activity programmes.

The AFMA President followed by highlighting several pertinent issues and challenges faced by the mineral resource industry in ASEAN, such as those concerning artisanal and small scale mining and sustainable mineral resource development, with the latter currently considered an important global issue. Sourcing of raw materials for the needs of the industry would require to comply with international standards, such as the Code of Conduct developed jointly by the International Tin Association and Responsible Minerals Initiative. The entire supply chain would be affected if compliance was not regulated properly. He hoped that AFMA and CCOP could jointly organise relevant activities and programmes for the private sector in these areas in the near future.

Dr Lee then invited AFMA to participate in the 55<sup>th</sup> CCOP Annual Session and the 73<sup>rd</sup> CCOP Steering Committee Meeting to be held from 4 to 9 November 2019 in Chiangmai, Thailand. During the said CCOP Annual Session, a Thematic Workshop on Geoscience for Sustainable Development would be held over two days on 5 and 6 November 2019 where several oral and paper presentations and case studies on the United Nations Framework Classification for Resources (UNFC) and groundwater resource would be delivered by world renown experts.

The AFMA Secretary General also extended an invitation to the CCOP to participate in the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN that would be held back-to-back with the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM+3 Consultation and 7<sup>th</sup> AM-Min in early December 2019 in Bangkok. It would be organised by the Mining Industry Council of Thailand (MICT) with AFMA as the co-organiser. It would be a great opportunity for Dr Lee to present a paper relevant to the mineral resource industry at the Forum and that AFMA Secretariat would propose to MICT to invite Dr Lee as one of its speakers. He further invited the CCOP Technical Secretariat to attend and participate in the National Tin Conference 2019 to be held on 17 December 2019 in Kuala Lumpur, Malaysia.

### COURTESY CALL TO THE DEPARTMENT OF PRIMARY INDUSTRIES AND MINES OF THAILAND (DPIM)

A Courtesy Call by an AFMA delegation to the Department of Primary Industries and Mines (DPIM) of Thailand took place on 23 August 2019 in Bangkok, Thailand. The AFMA President led the delegation and was accompanied by the AFMA Secretary General, and an AFMA Secretariat officer. Also included in the delegation were the Mining Advisor to the Power Line International Company Ltd (Power Line) of Thailand and his spouse.

The Director General of DPIM, Mr Wisanu Tabtieng; Director of Mineral Resources Management Division, Mr Nakorn Srimongkol and several other senior officials of DPIM received the delegation members.

The AFMA delegation was briefed on the new amendments to Thailand's Mineral Act 2017. Mr Wisanu informed that one of the new amendments to the Act was that investors would now be required to consult and engage with the local surrounding communities and obtain their consent before any mining development could be approved by the DPIM's Director General.



*At the Courtesy Call to the DPIM*

The President said that this Courtesy Call to DPIM formed part of AFMA's task and responsibility under ASOMM's AMCAP-III Phase 1, 2016 to 2020 (AMCAP). Under the AMCAP, AFMA was required to undertake tangible activities and programmes towards promoting meaningful cooperative and collaborative efforts in trade and investment in metals, minerals and mining within and outside the ASEAN region, and to report to ASOMM on such activity programmes undertaken. He added that there were some good tin prospects located in Southern Thailand which could be developed as cross border joint venture investments between Malaysia and Thailand.

Mr Wisanu said that indeed there were many potential areas for tin in Southern Thailand where historically, it was rich in primary tin deposits but now left with many abandoned ex-tin mines. There were also some other potential areas which could be considered for approval for mining by the Thai Cabinet. He added that the present Thai Military Government was encouraging mineral resource development as it would create and provide job opportunities, especially for the local communities at the border areas.

The AFMA President said that Malaysia's new Government was now keen to revitalise the country's tin mining industry and that its Department of Mineral and Geoscience had identified the northern part of Peninsular Malaysia as having great potential for primary tin mineralisation, particularly along the Malaysia and Thailand border. He hoped that, in future, the private sector could be involved in the joint border cooperation in geological mapping exercise undertaken by the Thai and Malaysian Government Authorities. AFMA was also helping the China-ASEAN Mining Cooperation Forum (CAMCF) Secretariat in looking for potential mineral resource investment projects in ASEAN. This was one of AFMA's efforts to match-make joint ventures in the mineral resource sector between China and ASEAN Member States.

Mr Wisanu said that he and his officials in DPIM would gladly help AFMA and mineral resource industry players in facilitating them with the required procedures and processes for mineral resource development in Thailand under the revised Mineral Act. He hoped that the assistance provided by DPIM would help further promote mineral resource development in the ASEAN region.

## REPORT OF ACTIVITIES

The AFMA President and Secretary General then sought the assistance of DPIM to MICT, a member of AFMA, in its preparations towards organising the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN. The Forum would be a half-day event to be held in a suitable meeting room in the same hotel as all ASOMM meetings. Some 100 participants were expected to attend the Forum that would be held immediately after the 12<sup>th</sup> ASOMM+3 Consultation on 12 December 2019, comprising delegates to the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM+3 Consultation and 7<sup>th</sup> AMMin. MICT would promote and encourage Thai mining industry players to attend the Forum. In this regard, MICT would be liaising with DPIM on the logistical arrangements for the said 7<sup>th</sup> Private Sector Forum.

The AFMA President then extended the invitation to DPIM officers to participate in the National Tin Conference (NTC) 2019 to be held on 17 December 2019 in Kuala Lumpur. The NTC 2019 would be jointly organised by the Malaysian Chamber of Mines and relevant industry organisations and supported by AFMA. The Conference would be focusing on the search for and development of primary tin deposits in Malaysia. Apart from Malaysians, several foreign experts from United Kingdom and Australia had been invited to make presentations at the Conference.

### 10<sup>th</sup> CHINA-ASEAN COOPERATION FORUM & EXHIBITION (CAMCFE) 2019

The event was held from 13 to 17 November 2019 in Nanning, China, with the theme, *“Deepening Mutually Beneficial Mining Cooperation, Accelerating Economic Win-win Development”*. The Chamber delegation to the 10<sup>th</sup> CAMCFE was led by the President, concurrently the President of the ASEAN Federation of Mining Associations (AFMA). He was accompanied by the Chamber Vice President, the Executive Director, concurrently the AFMA Secretary General, as well as five others, namely Mr Christopher Lum and Hj. Abdul Rahman Ishak, Chamber Council members, Mr Hoo Wei Mee, Director of Syarikat Ratna Pura Sdn Bhd, Mr Beh Boon Guan and En. Mohd Zamri Bidin from Permodalan Negeri Selangor Bhd (PNSB). Malaysian public sector delegation to the 10<sup>th</sup> CAMCFE was headed by the Minister of Water, Land and Natural Resources (KATS), YB Dr Xavier Jayakumar. He was accompanied by several senior officials from the Mineral and Geoscience Division (BMG) of KATS and the Department of Mineral and Geoscience (JMG), namely Datuk Shahar Effendi Abdullah Azizi, Director General of JMG, En. Badrul Ridzwan Abdul Rahim, Principal Assistant Secretary of BMG, En Aminudin Mahmud, Director of Mineral Research Centre of JMG as well as several other JMG officers.

The Chamber delegation had a follow-up meeting with the CAMISP Secretariat officials and several Chinese investors to further discuss on potential mining projects in Malaysia at the sideline of the CAMCFE. The CAMISP Secretariat officials intimated that they would visit Malaysia again with several Chinese investors for follow-up meetings and site visits to potential mining projects sometime in 2020.

The Chamber delegation also had a meeting with the new President of the China Mining Association, Mr Peng Qiming, at the sideline of the 10<sup>th</sup> CAMCFE to discuss the way forward to materialise the objectives of the MOU signed between both parties in 2017. Arrangements were being planned for Mr Peng to come to Malaysia in early 2020 for follow-up meetings and field visits to various potential mining sites.





At the 10<sup>th</sup> CAMCFE 2019

The Vice President delivered a paper entitled “Exploration and Tin Mining Investment in Malaysia” at the CAMCFE’s Workshop on China-ASEAN Geosciences Cooperation held on 15 November 2019. The paper presentation included several proposals towards further enhancing cooperation and collaboration between China and ASEAN Member States in the field of geosciences.

The Chamber delegation also visited the event’s Exhibition held together at the same venue with its various Workshops and Sub-Forums. The exhibits were wide ranging from mining machineries, equipment, technologies, mineral commodities and products including gem stones.

### 19<sup>th</sup> ASEAN SENIOR OFFICIALS MEETING ON MINERALS (ASOMM), 12<sup>th</sup> ASOMM+3 CONSULTATION, 7<sup>th</sup> ASEAN MINISTERIAL MEETING ON MINERALS (7<sup>th</sup> AMMIN)

These Meetings were held from 11 to 13 December 2019 at the Pullman King Power Hotel, Bangkok, Thailand. It was attended by the Chamber President, Executive Director and Technical Manager, concurrently the AFMA President, AFMA Secretary General and AFMA Secretariat officer, respectively. Malaysia’s delegation to these Meetings was led by Datuk Hj Shahar Effendi Abdullah Azizi, Director General of the Department of Mineral and Geoscience (JMG). He was accompanied by several senior JMG officers and an Assistant Secretary of the Mineral and Geoscience Division (BMG), Ministry of Water, Land and Natural Resources. All ASEAN Member States (AMS) were represented at the Meetings. Also present were representatives from the Coordinating Committee of Geoscience Programs in East and Southeast Asia (CCOP) and the Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF).

The 19<sup>th</sup> ASOMM was held on 11 December 2019. It was declared open by Mr Kobchai Sungstittisawat, Permanent Secretary of the Ministry of Industry. In his Opening Speech, he said that the meeting was an important event to monitor implementation status of the four Working Groups of the ASEAN Mineral Cooperation Action Plan



(AMCAP III) Phase 1: 2016-2020, namely the Working Groups on Trade and Investment in Mineral (WGTIM), on Sustainable Minerals Development, on Capacity Building in Mineral and on Mineral Information and Database. It was also a platform to monitor the on-going preparations on the AMCAP III Phase 2:2021-2025. He further acknowledged the participation of AFMA, CCOP and IGF in ASEAN mineral cooperation and hoped that this would drive the mineral resource industry forward and strengthen the relationship between the public and private sectors of ASEAN.

During the deliberations of the 19<sup>th</sup> ASOMM covering matters under the Working Group on Trade and Investment in Mineral (WGTIM), the AFMA Secretary General presented a report on the implementation status of AMCAP-related activities tasked to AFMA undertaken in 2018 and 2019 and plans for 2020. He also presented two papers, namely *“AFMA’S Perspectives on Commercial and Investment Opportunities for the ASEAN Minerals Sector in Response to the Growing Demand for Metals and Minerals to Support Low Carbon Futures and Digital Economies”* and *“Further Facilitating and Enhancing Collaborative Efforts in Mineral Resource Investment in ASEAN”*.

The Board of Judges for the 2<sup>nd</sup> ASEAN Mineral Awards met concurrently with the 19<sup>th</sup> ASOMM. At this meeting, all shortlisted candidates were required to present their achievements for the judges to determine the winners and runners-up for each category, namely Best Practices in Metallic and Non-metallic Minerals Mining, Best Practices in Metallic and Non-metallic Minerals Processing and Best Practices in Metallic and Non-metallic Minerals Distribution. Malaysian companies taking part in the Awards were the Terengganu Silica Consortium Sdn Bhd for Best Practice in Non-metallic Minerals Processing category and Kumpulan Semesta Sdn Bhd for Best Practices in Non-metallic Minerals Distribution category. The Awards’ prize presentations were held at the Gala Dinner of the 7<sup>th</sup> ASEAN Ministerial Meeting on Minerals (AMMin) on 13 December 2019, at the same venue.

The 12<sup>th</sup> ASOMM + 3 Consultation was held in the morning of 12 December 2019. It was attended by the AFMA President, Secretary General and Secretariat officer. The Secretary General presented the various activities and programmes undertaken by



*At the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM+3 Consultation, 7<sup>th</sup> AMMin)*

AFMA throughout 2019 as well as those planned for 2020. He highlighted the activities and programmes undertaken in respect of the China-ASEAN Mining Cooperation Forum and Exhibition (CAMCFE), the China-ASEAN Mining Information Service Platform (CAMISP) and the Chengdu Centre-China Geological Survey. During the meeting, he invited all ASOMM and ASOMM+3 Consultation delegates to the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN scheduled to be held after the conclusion of the 12<sup>th</sup> ASOMM+3 Consultation, in the afternoon of 12 December 2019 at the same hotel venue.

The 7<sup>th</sup> AMMin was held in the morning of 13 December 2019. It was officially declared open by the Minister of Industry of Thailand, His Excellency Mr Suriya Jungrungreangkit. In his Opening Address, he highlighted the transition to low carbon economy and Industrial Revolution 4.0 as the two mega trends which would affect the minerals sector significantly in terms of sustainability as well as market supply and demand. He hoped that the new challenges would be addressed appropriately in the development of the AMCAP III Phase 2: 2021-2025. He acknowledged AMS cooperation with AFMA, especially in facilitating smart partnership in trade and investments and in promoting joint venture cooperation among ASEAN private sector companies, and encouraged AFMA to seek alternative ways to further promote trade and investment in the ASEAN mineral resource sector.

At the 7<sup>th</sup> AMMin, the AFMA President presented the various activity programmes undertaken by AFMA with AMS and Plus Three Countries, especially with China. He also briefed on “AFMA’s Views on Critical Metals & Minerals in ASEAN” and “AFMA’s Primary Focus in Initiatives Going Forward towards Enhancing Mineral Resource Development in ASEAN”. He drew the Meeting’s attention by suggesting that the AMS should set-up several focus groups to address issues such as royalties and fiscal incentives, and mining in forested land. He hoped that through these focus groups, those issues impeding the development of the mineral resource industry in ASEAN could be extensively deliberated and appropriately resolved.

The 20<sup>th</sup> ASOMM and 13<sup>th</sup> ASOMM + 3 Consultation will be held in Singapore in 2020.



## REPORT OF ACTIVITIES

**7<sup>th</sup> PRIVATE SECTOR  
FORUM ON  
COOPERATION IN  
MINERALS IN ASEAN**

The Forum was held on 12 December 2019 in Bangkok, Thailand, back-to-back with the 19<sup>th</sup> ASOMM, 12<sup>th</sup> ASOMM+3 Consultation and 7<sup>th</sup> AMMin. It was hosted and organised by the Mining Industry Council of Thailand (MICT) and co-organised by the ASEAN Federation of Mining Associations (AFMA). The theme of the Forum was “*Promoting Investment in Mineral Exploration and Mining in ASEAN*”.

The Forum started with Welcoming Remarks from Ms Anchalee Trakuldit, Chairman of MICT and followed by a Keynote Address by the AFMA President entitled “*Value Creation & Responsible Business in ASEAN’s Mining Industry*”. Four paper presentations ensued, namely on “*Myanmar Mineral Resources, Poised to Contribute to the National Development – if carefully considered and properly regulated*” by Mr Aye Lwin, Vice Chairman of the Myanmar Federation of Mining Association, “*Thailand’s New Mining Law*” by Dr Songwut Artittong of the Department of Primary Industries and Mines, Thailand, “*CCOP’s Role in Promoting Sustainable Mining for Better Earth*” by Dr Young Joo Lee, Director of the Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) and “*Potential Investment in Mineral Exploration and Mining in Thailand*” by Mr Surapol Udompornwirat, Director/ Acting Secretary General of the Mining Industry Council of Thailand. The half day event ended with Closing Remarks from Mr Yoot Emsa-ard, Vice Chairman of MICT.

The Forum attracted some 50 participants comprising delegates of the 19<sup>th</sup> ASEAN Senior Officials Meeting on Minerals (ASOMM) and 12<sup>th</sup> ASOMM+ 3 Consultation, Thailand’s public sector officials and mineral resource industry players as well as several individuals involved in mining from China, Malaysia and elsewhere.



At the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN

## 2019 AFMA EXECUTIVE COUNCIL MEETING

The Meeting was held on 12 December 2019 in Bangkok, Thailand, immediately after the conclusion of the 7<sup>th</sup> Private Sector Forum on Cooperation in Minerals in ASEAN. The meeting was chaired by your Chamber President as the concurrent AFMA President. Also present were the Chamber's Executive Director, as the concurrent AFMA Secretary General, and the Chamber's Technical Manager. The meeting was attended by several other AFMA members, namely Ms Anchalee Trakuldit, Chairman of the Mining Industry Council of Thailand (MICT), Mr Aye Lwin, Vice Chairman of the Myanmar Federation of Mining Association, Mr Gerard H. Brimo, Chairman of the Chamber of Mines of the Philippines (COMP), Mr Ronald R Recidoro, the Executive Director of COMP and Mr Surapol Udompornwirat, Director/Acting Secretary General of MICT.

The meeting considered and discussed the following matters;

### i. **AFMA's report on activity programmes undertaken during the last quarter of 2018 and throughout 2019 as well as those being planned for 2020**

The Report, which was presented in PowerPoint, highlighted the following activity programmes undertaken in 2019 by your Chamber, as the AFMA host Secretariat;

- Participation in the 16th ASOMM Working Group Meetings held from 18 to 21 March 2019 in Chiang Mai, Thailand.
- Facilitated business matching opportunity between Thailand and Malaysian investors in mid to end of 2019.
- Attendance at a Workshop and Training Session towards Sustainable Mining Practices held from 23 to 25 July 2019 in Bangkok, Thailand.
- Participation in the 9th China-ASEAN Mining Cooperation Forum and Exhibition (CAMCFE) 2019 Liaison Officials Meeting held on 12 July 2019 in Jakarta, Indonesia.
- Paid Courtesy Calls to the Indonesian Mining Association (IMA) and Indonesian Coal Mining Association (ICMA) on 8 August 2019 in Jakarta, Indonesia.
- Assisted Chengdu Centre-China Geological Survey (CC-CGS) for a meeting with the Department of Mineral and Geoscience Malaysia (JMG) and helped organise field trips to several mines in Peninsular Malaysia.
- Paid Courtesy Calls to MICT on 22 August 2019 and to the Coordinating Committee on Geoscience Programme in East and Southeast Asia (CCOP), and to the Department of Primary Industries and Mines (DPIM) on 23 August 2019 in Bangkok, Thailand.
- Received a delegation from the China-ASEAN Mining Information Service Platform (CAMISP) Secretariat officials to the AFMA Secretariat in Kuala Lumpur, Malaysia on 30 October 2019.
- Participation in the 10<sup>th</sup> China-ASEAN Cooperation Forum & Exhibition (CAMCFE) from 13 to 17 November 2020 in Nanning, China.
- Participation in the 19th ASOMM, 12th ASOMM+3 Consultation and 7th ASEAN Ministerial Meeting on Minerals (AMMin) from 11 to 13 December 2019 in Bangkok, Thailand.
- Co-organised the 7th Private Sector Forum on Cooperation in Minerals in ASEAN organised and hosted by the MICT on 12 December 2019 in Bangkok, Thailand.

The activity programmes planned to be undertaken or participated by AFMA in 2020 were as hereunder;

- Organising field visits to Myanmar, Thailand, Lao PDR, Cambodia and Vietnam.
- Participating in the 10th CAMCFE Liaison Officials meeting.
- Attending the 11th CAMCFE 2020 in Nanning, China.
- Participating in the 17th ASOMM Working Group meetings in Singapore.
- Attending in the 20th ASOMM and 13th ASOMM+3 Consultation in Singapore.

## REPORT OF ACTIVITIES

- Attending the 11th CAMCFE 2020 in Nanning, China.
- Participating in the 17th ASOMM Working Group meetings in Singapore.
- Attending in the 20th ASOMM and 13th ASOMM+3 Consultation in Singapore.
- Organising the 8th Private Sector Forum on Cooperation in Minerals in ASEAN in Singapore, back-to-back with the 20th ASOMM and 13th ASOMM+3 Consultation.

ii. **Courtesy Calls to IMA and ICMA on 8 August 2019 in Jakarta as well as to MICT on 22 August 2019, and to CCOP and DPIM on 23 August 2019 in Bangkok.**

Reports on the above Courtesy Calls appear elsewhere on pages 38 to 46 herein.

iii. **Proposal for an AFMA Permanent Secretariat**

A proposal paper on an AFMA Permanent Secretariat as prepared by the AFMA Secretary General was considered. The financials in the proposal paper were partly provided by the ICMA Executive Director, Mr Hendra Sinadia, based on the premise of locating the Secretariat in Jakarta. Following discussion, the meeting felt that the high costs in setting-up such a Permanent Secretariat would outweigh its benefits. AFMA was not in the right financial position at this time to have such a Permanent Secretariat. With the meagre balance remaining in AFMA account and with a lot of arrears in membership dues still outstanding, it would be burdensome for AFMA members to pay for their share of the heavy costs of establishing the Permanent Secretariat. The meeting agreed that the proposal on the setting-up of an AFMA Permanent Secretariat would be kept on hold for the time being, and to be re-visited at an appropriate time in the future.

iv. **Election of AFMA President, Vice-President, Secretary General and Host Secretariat for the 2020 term.**

The meeting noted that the Chamber had been hosting AFMA Secretariat and its officials holding the posts of AFMA President and Secretary General since 2015, and with their one-year extension expiring at end 2019, AFMA's new line-up for 2020 would need to be elected. However, as COMP being the incumbent Vice President was still tied-up with several pressing issues, such as the continuing moratorium on new mining permits imposed by the Philippines Government since 2012, the banning of open pit mining since 2017 and actively engaged with the Philippines' Congress and its Department of Finance towards formulating a decent tax structure as well as the grant of new mining permits, it was felt that the existing AFMA line-up should remain in status quo. MICT and MFMA also stated that their respective mining industry were facing issues with the authorities, which require a lot of their attentions and actions. The Chamber, whilst willing to consider another extension, however, hoped that AFMA's line-up would pass over to another national member in 2021 for the next two-year term, after the internal issues and challenges faced by several of these AFMA members have been overcome.

Following further deliberation, the meeting unanimously agreed that the President of your Chamber and Chairman of COMP be re-elected as the President and Vice President of AFMA, respectively for another one year period covering 2020. The meeting further agreed to the re-appointment of the Chamber Executive Director as the AFMA Secretary General and your Chamber as AFMA host Secretariat for another year from 1 January 2020 to 31 December 2020.



## ASSOCIATED BODIES SERVICED BY THE SECRETARIAT

The following bodies continued to be serviced by the Chamber Secretariat during the year under review.

### TIN INDUSTRY (RESEARCH AND DEVELOPMENT) BOARD (TIN BOARD)

The Tin Board has been serviced by the Chamber Secretariat since its formation in 1953, as it does not maintain any direct employee. The Malaysian Cabinet decided in May 1996 that the Tin Board be dissolved and its functions transferred to other organisations. As a consequence of this decision, the Board submitted a recommendation containing proposals for the Tin Board to be restructured and re-constituted as a Mineral Industry Development Board (Mineral Board), which will encompass the development and promotion of the entire activity spectrum of the minerals resource industry including the up-stream, mid-stream and down-stream sectors. With this, the Mineral Board will be focusing on activities covering all minerals and not just confined to those related to tin only.

The previous NRE and now KATS together with our Chamber continued with vigorous efforts during the year under review to finalise the draft Incorporation Bill of its new successor body. Substantial progress in reviewing the draft Bill was achieved during the year under review, and further progress is expected in the up-coming year.

A separate report on the activities of the Tin Board during the year 2019 will be submitted to the KATS Minister pursuant to the requirements of the Tin Industry (Research and Development) Fund Act 1953, which is the Board's incorporation Act. It will be published in the Federal Government Gazette after the Minister has presented it to Parliament. The Chairman of the Tin Board is Dato' Seri Mohd Ajib Anuar, your Chamber President. The Executive Director of the Chamber, Hj. Muhamad Nor Muhamad, is Secretary to the Tin Board.

### THE MALAYSIAN TIN PRODUCTS MANUFACTURERS' ASSOCIATION (MTPMA)

The MTPMA, formed in 1989, is also serviced by the Secretariat, and comes directly under the purview of the Tin Board forming part of its extended activities under the Industrial Master Plan objectives covering the downstream tin-based products manufacturing sector.

The Association presently has 17 members comprising solder, pewter and tinplate manufacturing companies. It is managed by a Management Committee of nine duly elected members. Its Annual General Meeting is normally held in June where the Report of the Management Committee and Statement of Accounts for the year ending 31 December are presented.

### THE KUALA LUMPUR TIN MARKET (KLTM)

The KLTM, which is a company limited by guarantee, is also serviced by the Chamber Secretariat since 2001. It was incorporated in 1984, and serves as a platform for the determination of the reference market price for the trading of refined tin metal. It conducts daily trading on-line electronically.

The KLTM is managed by a six-member Board of Directors with Dato' Seri Mohd. Ajib Anuar, the Chamber President, as its Chairman. It has a senior official from the Ministry of Water, Land and Natural Resources on the Board representing the Government. The KLTM currently has ten ordinary members, many of whom are trading members who trade on the tin market. It also has one associate member. The KLTM normally holds its AGM in June each year. The Executive Director of the Chamber, Hj. Muhamad Nor Muhamad, is also Company Secretary of the KLTM.



## MALAYSIAN CHAMBER OF MINES COUNCIL MEMBERS 2019/2020



*Sitting from left:*

Aldrin Alambono, Dato' Kelvin Lee Wai Mun, Dato' Sia Hok Kiang, Lutfi Hamidee Abd Latif (Technical Manager), Hj Muhamad Nor Muhamad (Executive Director), Dato' Seri Mohd Ajib Anuar (President), Dato' Sri Hj Ahmad Omar (Vice-President), Dato' Hj Musa Nordin, Dato' S. S. Subramaniam and Christopher Lum Har Chi

*Standing from left:*

Ir Dr Mior Termizi Mohd Yusof, Abdul Rahman Ishak, Madzlan Zam, Kamarudin Abdul Karim, Dato' Chin Lean Choong, Eric Vesel and Zaidi Harun

# MALAYSIAN CHAMBER OF MINES 109<sup>th</sup> ANNUAL GENERAL MEETING

MALAYSIAN CHAMBER OF MINES | 2019 / 2020 YEAR BOOK

Chamber members attending the 109<sup>th</sup> AGM



## WELCOME REMARKS BY PRESIDENT MALAYSIAN CHAMBER OF MINES



WELCOME REMARKS  
BY  
DATO' SERI MOHD AJIB ANUAR  
PRESIDENT  
MALAYSIAN CHAMBER OF MINES  
AT THE  
2020 CHAMBER ANNUAL GENERAL MEETING  
15 SEPTEMBER 2020  
KUALA LUMPUR

### *Assalamualaikum and Salam Sejahtera*

On behalf of the Council, may I express our sincere appreciation to all of you for making time to attend this 109<sup>th</sup> Annual General Meeting of the Chamber. Like all other large gatherings, this AGM was supposed to be held on-line because of the Movement Control Order (MCO). However, with the restrictions having been relaxed substantially under the Recovery MCO, physical meetings of large numbers, such as this AGM, are now allowed but with strict adherence to the Standard Operating Procedures (SOP). For that, we must congratulate and thank the Government, particularly the Ministry of Health for their timely and swift actions in putting in place the MCO, which had done much to contain and mitigate the spread of the Covid-19 pandemic. We must also thank the frontliners for their sacrifices and bravery in tirelessly and diligently fighting against this invisible enemy. Indeed, we should be proud to say that Malaysia, thus far, has achieved great success in this battle against the coronavirus.

Much has happened since the last AGM held on 2 May 2019. Following my report at that AGM, the mineral industry continued to face serious challenges in the second half of 2019. The sector, nonetheless, remained resilient and by year end it managed to record some RM6.4 billion in mineral production value for the year 2019 compared to RM5.7 billion achieved in 2018, a commendable increase of some 12.0%. Non-metallic minerals remained the largest contributor with strong demand for aggregates, sand and gravel, and limestone for cement for the building and construction sectors.

The global economy and trade grew 2.9% and 1.0%, respectively in 2019 in the midst of the unresolved trade war between the United States (US) and China, which slowed down global manufacturing and investment activities substantially. Against the backdrop of a weak global economy, Malaysia recorded a commendable Gross Domestic Product (GDP) growth of 4.3% for the year, supported in the main by resilient private sector spending.

The year 2020 began without much fanfare. Mineral commodity prices, including tin, remained weak. The world economy continued to be uncertain with the continuing US-China trade war and the weakening Chinese economy. Hardly anyone in Malaysia had predicted that two major events that were about to happen soon after would make a huge impact on the nation and the livelihood of its citizens.

Towards end of February, following a week of political turmoil, the 22 month-old ruling Pakatan Harapan Government collapsed. A new Perikatan Nasional Government took over, and on 1 March



## WELCOME REMARKS BY PRESIDENT MALAYSIAN CHAMBER OF MINES

2020, YAB Tan Sri Muhyiddin Yassin was sworn in as the new Prime Minister. The sudden change in Government had caused the Malaysian ringgit to depreciate substantially and the Malaysian stock market to plunge to its lowest level since December 2011. The change in Government also resulted in a change in the ministerial set-ups with the Ministry of Water, Land and Natural Resources (KATS) being re-designated as the Ministry of Energy and Natural Resources (KeTSA), and helmed by a new Minister.

Just when the new Government was busy putting things in order and settling down to business, a new and bigger threat loomed with the Covid-19 pandemic spreading to Malaysia. Needless for me to elaborate here on the sequence of events on how our new Government have managed to contain and mitigate the spread of the coronavirus in check, and how we managed to achieve success so far, thankfully.

The Covid-19 pandemic and the implementation of MCO had affected all sectors of the country's economy and impacted the livelihood of every Malaysian. The mineral resource sector was no exception. During the initial phase of the MCO, all mining activities were not allowed to operate as they were considered non-essential. The Chamber Secretariat received numerous requests from our corporate mining members to provide support letters for their appeals to the Government to allow them to resume mining operations. The Chamber did its best to help in whatever way it could; the efforts being done almost entirely from home due to the lockdown. The Chamber President was always consulted and appropriately gave suitable advice and guidance, going forward. Our appeals were to KeTSA and the Department of Mineral and Geoscience (JMG). Some of our members were successful in their direct appeals to the Ministry of International Trade and Industry (MITI) and were subsequently allowed to resume operations. We must humbly admit that the Chamber played only a small role in this lobbying to MITI. Credit goes to the member companies themselves who put in a lot of effort into ensuring that their appeals were substantiated with relevant facts and supporting documents to prove that they were part of the supply chain for the production of essential goods and materials. For example, tin is an essential raw material for the production of electronic solders required in the manufacture of equipment and machineries to produce essential healthcare, protective and electronic products. Likewise, iron ore is an essential raw material for the manufacture of steel which is needed in the construction sector.

During the MCO phase, apart from putting efforts into helping corporate mining members back on their feet, the Chamber also pursued several other important initiatives. The first is the issue relating to the Environmental Impact Assessment (EIA) Order 2015. Many mining companies and mine operators, in particular, have raised concerns that the EIA Order 2015 have created numerous additional issues which made mining, mine development and mineral resource development, on the whole, more difficult in the already financially challenging mining industry. As a result, the Chamber Council set-up a Committee to look into these issues. A Memorandum is being prepared for submission to KeTSA to seek its assistance in arranging for an engagement with the Ministry of Environment and Water (KASA) and its agency, the Department of Environment (DOE). Incidentally, at about the same time, the new Minister of KASA, YB Dato' Sri Tuan Ibrahim Tuan Man, had announced that his Ministry would review the EIA Order 2015 as it is in dire need of revision. This indeed is positive news for the mining industry.

Besides the EIA issue, the Chamber has also made progress in its effort to get the Government to look at the long term development of the Malaysian minerals resource industry. On 12 May 2020, your Chamber was invited to present its Proposed Mineral Resource Industry Development Master Plan, 2019-2030 to the KeTSA Minister. The presentation was well received and it is understood that some of the ideas included in the Proposed Master Plan had been taken-up by the Ministry. The KeTSA Minister now appears to be more aware of the importance of the minerals resource industry, especially in the context of finding new sources of revenue for the country. Recently, in July, KeTSA held a two-day workshop to deliberate on a National Mineral Industry Transformation Plan. Your Chamber Secretariat officers were invited to participate in the workshop, and they provided inputs from the private sector perspectives, in particular, those as contained in the said proposed Mineral Resource Industry Development Master Plan, 2019-2030.

The issue of high mineral royalty rate and land premium continued to bug mining operators, more so now with the increased cost of mining. The Chamber is committed to help address this issue, as it has a severe impact on mining operations. Just last month, the Chamber had re-written to the Pahang State Government requesting them to review the royalty and land premium rates in the light of the impact of the MCO on mining activities.

## WELCOME REMARKS BY PRESIDENT MALAYSIAN CHAMBER OF MINES

Throughout the various phases of the MCO, the Chamber Secretariat had kept members informed of relevant developments in the country, especially concerning the various economic stimulus packages such as the Bantuan Prihatin Nasional (BPN) and other financial assistance offered by the Government to help businesses manage the economic turmoil.

Your Chamber continued to work in close cooperation and collaboration with KeTSA and the JMG to advance the interests of the private sector in the mineral resource industry. Likewise, both KeTSA and JMG had been actively engaged with the Chamber, especially in seeking comments and inputs in their efforts towards revitalising the tin mining industry and in providing suitable incentives for the development of the mineral resource industry and the non-radioactive rare-earth element industry. KeTSA, under its Minister, YB Dato' Dr Shamsul Anuar Nasarah, had indicated its commitment to continue the initiatives by the former Ministry of Water, Land and Natural Resources (KATS) to promote mineral resource development in the country in a sustainable and environmental friendly manner.

On the regional front, your Chamber continued to host the Secretariat of the ASEAN Federation of Mining Associations or AFMA since 2015. AFMA, which was established in 1984, comprises seven national mining associations in ASEAN, namely the Mining Industry Council of Thailand, the Chamber of Mines of the Philippines, the Indonesian Mining Association and this Chamber as its founding members as well as the Cambodian Association of Mining and Exploration Companies, the Lao Mining Association and the Myanmar Federation of Mining Association. As you all may be aware, under my tenureship as AFMA President, we had been actively involved in the annual ASEAN Senior Officials Meeting on Minerals (ASOMM) and the development of the various activity programmes under its ASEAN Minerals Cooperation Action Plan (AMCAP)-III Phase 1 covering the period from 2016 to 2020. A new AMCAP-III Phase 2 is currently being prepared and will be introduced next year, covering the year 2021 to 2025.

Owing to the Covid-19 pandemic, AFMA's planned programmes under AMCAP-III Phase 1 to be undertaken in 2020 have to be put on hold. It includes, amongst others, organising field visits to Myanmar, Thailand, Lao PDR, Cambodia and Vietnam to seek and promote trade and mining investment in the mineral resource industry in these countries. The next Private Sector Forum on Cooperation in Minerals in ASEAN to be organised by AFMA was to be held in Singapore, back-to-back with the 20<sup>th</sup> ASEAN Senior Officials Meeting on Minerals (ASOMM) and the 13th ASOMM+3 Consultation in late this year. Due to the Covid-19 pandemic and with borders of ASEAN member countries closed, this Forum will not be able to be held physically but will be conducted virtually, via a web-based platform. To ensure the Forum's success, AFMA will be inviting Chamber members and all our colleagues in the ASEAN region as well as ASOMM's three Dialogue Partners, namely China, Japan and Korea to participate there-at.

The Recovery MCO which ended at the end of last month has now been extended to end of December 2020 as there are still new cases daily in the country and that this virus is still spreading actively globally. We should learn to adapt to the new normal, not only in the manner of doing business or in going about with our daily life. The SOPs are here to stay for a much longer period, and we also have to live by it. More importantly though, we have to view this adversity positively as an opportunity for making adjustments and improvements, which otherwise we would have been rather complacent. Indeed, this is our new norm.

Before I conclude this welcome remarks, let me thank you all once again for making time to be here at the Chamber's 109<sup>th</sup> AGM today. It is hoped that the camaraderie between all of us as Chamber members that have developed and evolved over the years will continue to grow and foster in the years ahead. Together, we can contribute to the enhancement and development of the country's mineral resource industry further forward.

*Thank you.*

## STATISTICS – 2019

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## STATISTICS - 2019

**PRODUCTION OF TIN CONCENTRATES 2019**  
 By Methods of Mining

METHOD	1st Qr. (KG)	2nd Qr. (KG)	3rd Qr. (KG)	4th Qr. (KG)	TOTAL (KG)	% BY METHOD
Dredges	0	0	0	0	0	0.00
Gravel Pump	0	0	0	0	0	0.00
Open Cast	1,142,434	957,091	1,073,772	1,190,120	4,363,417	85.90
Underground	0	0	0	0	0	0.00
Panning	98,528	76,200	78,760	90,640	344,128	6.77
Amang Retreatment	81,965	99,244	82,467	108,338	372,014	7.32
<b>TOTAL</b>	<b>1,322,297</b>	<b>1,132,535</b>	<b>1,234,999</b>	<b>1,389,098</b>	<b>5,079,559</b>	<b>100.00</b>
Average Assay Value (Sn)	70.15%	70.21%	71.51%	71.29%	70.79%	
Tin Metal Contents (Tonnes)	931	800	886	994	3,611	

*Source: Department of Mineral and Geoscience Malaysia*

**PRODUCTION OF TIN CONCENTRATES 2019**  
**By States (In Kilogramme)**

STATES	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TOTAL
Perak	1,088,019	894,717	1,012,840	1,179,167	4,174,743
Selangor	1,900	1,000	1,200	1,950	6,050
W.P. Kuala Lumpur	0	0	0	0	0
Kedah	0	3,336	6,534	2,014	11,884
Johor	8,506	10,675	20,615	30,870	70,666
Pahang	224,5000	222,807	193,809	175,100	816,216
Terengganu	0	0	0	0	0
Kelantan	0	0	0	0	0
<b>TOTAL</b>	<b>1,322,925</b>	<b>1,132,535</b>	<b>1,234,998</b>	<b>1,389,101</b>	<b>5,079,559</b>

*Source: Department of Mineral and Geoscience Malaysia*

## STATISTICS - 2019

**PRODUCTION OF TIN-IN-CONCENTRATES AND OTHER MINERALS 2019**  
 (Output in tonnes except gold and silver)

NAME OF MINERALS	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	2019 TOTAL
Tin-In-Concentrates	931	800	886	994	3,611
Iron Ore (b)	643,437	696,671	1,446,527	1,337,828	4,124,463
Coal	546,561	858,130	1,078,999	975,432	3,459,122
Raw Gold (gms)	1,002,296	1,260,102	1,382,204	633,536	4,278,138
Manganese Ore	245,514	172,338	470,386	242,511	1,130,749
Kaolin (a)	83,254	81,318	72,386	71,800	308,758
Bauxite	397,610	403,624	176,216	93,111	1,070,561
Feldspar (a)	59,779	39,600	27,218	53,292	179,889
Mica	1,212	1,044	966	1,136	4,358
Calcium	0	0	0	0	0
Limestone (a)	158,607	0	0	0	158,607
Silica (b)	190,183	386,709	908,268	856,547	2,341,707
Ilmenite (b)	296	705	672	661	2,334
Silver (gms) (c)	110,898	156,291	196,583	222,521	686,293
Tailing Sand (d)	0	0	0	0	0

**Notes:** (a) Production are from mining concessions only  
 (b) Includes by-products from other mining & amang factory  
 (c) By-product from gold mining only  
 (d) By-product from tin mining only

**Source:** Department of Mineral and Geoscience Malaysia



**NUMBER OF ACTIVE MINES IN THE MINING INDUSTRY**  
**Monthly Average and Year-End Totals 2019**

TYPES OF MINERALS	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	No. of Mines on 31.12.2019
Tin	12	12	11	12	12
Iron Ore	41	44	49	54	53
Coal	6	6	5	5	5
Gold	15	17	15	17	16
Manganese	12	10	16	17	18
Kaolin	10	10	10	12	12
Bauxite	4	5	3	3	3
Feldspar	4	4	4	4	4
Mica	2	2	2	2	2
Calcium	0	0	0	0	0
Limestone	0	0	0	0	0
Silica	10	11	11	12	11
<b>TOTAL (Average)</b>	<b>117</b>	<b>120</b>	<b>126</b>	<b>138</b>	<b>136</b>

Source: Department of Mineral and Geoscience Malaysia

## STATISTICS - 2019

**LABOUR EMPLOYED IN THE MINING INDUSTRY**  
**Monthly Average and Year-End Totals 2019**

TYPES OF MINERALS	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Labour Force at 31.12.2019
Tin*	1,264	1,279	1,320	1,406	1,387
Iron Ore	1,281	1,106	1,083	1,322	1,443
Coal	850	946	1,020	1,039	1,039
Gold	1,369	1,447	1,208	1,438	1,375
Manganese	246	160	260	354	355
Kaolin	819	149	154	199	199
Bauxite	128	200	128	127	127
Feldspar	69	67	65	42	43
Mica	22	22	22	22	22
Calcium	0	0	0	0	0
Limestone	17	0	0	0	0
Silica	308	377	460	476	458
<b>TOTAL (Average)</b>	<b>6,372</b>	<b>5,749</b>	<b>5,720</b>	<b>6,425</b>	<b>6,448</b>

\* Including Labour Employed in Amang Plant

Source: Department of Mineral and Geoscience Malaysia

**DIESEL USED IN THE MINING INDUSTRY**  
**Monthly Average 2019 ('000 Litres)**

TYPES OF MINERALS	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	2019 Average
Tin	1,234,817	956,577	1,106,376	1,210,937	1,127,177
Iron Ore	2,740,631	2,328,472	2,666,404	3,360,647	2,774,039
Coal	1,252,269	1,694,488	1,990,960	1,855,138	1,698,214
Gold	1,176,089	849,276	932,260	984,510	985,534
Manganese	410,307	266,059	498,215	285,120	364,925
Kaolin	86,662	103,703	94,787	97,304	95,614
Bauxite	439,750	535,647	345,216	365,103	421,429
Feldspar	57,358	39,436	14,819	17,186	32,200
Mica	8,733	9,033	7,617	8,600	8,496
Calcium	0	0	0	0	0
Limestone	44,271	0	0	0	11,068
Silica	265,589	443,593	802,000	721,183	558,091
<b>Total ('000 Litres)</b>	<b>7,716,476</b>	<b>7,226,284</b>	<b>8,458,655</b>	<b>8,905,727</b>	<b>8,076,786</b>

Source: Department of Mineral and Geoscience Malaysia

## STATISTICS - 2019

ELECTRICITY USED IN THE MINING INDUSTRY  
Monthly Average 2019 ('000 Kwh)

TYPES OF MINERALS	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	2019 Average
Tin	3,415,435	3,250,962	3,352,331	3,283,963	3,325,673
Iron Ore	1,409,661	1,498,096	2,539,082	3,285,369	2,183,052
Coal	0	0	0	0	0
Gold	6,815,092	6,704,050	4,524,008	6,011,452	6,013,651
Manganese	1,390	1,215	1,040	214,936	54,645
Kaolin	73,950	77,138	75,636	75,435	75,540
Bauxite	0	0	0	0	0
Feldspar	233	300	300	300	283
Mica	11,400	11,667	9,750	11,100	10,979
Calcium	0	0	0	0	0
Limestone	0	0	0	0	0
Silica	561,814	387,167	614,992	541,647	526,405
<b>Total ('000 Kwh)</b>	<b>12,288,974</b>	<b>11,930,594</b>	<b>11,117,139</b>	<b>13,424,203</b>	<b>12,190,228</b>

Source: Department of Mineral and Geoscience Malaysia

**EXPLOSIVE USED IN THE MINING INDUSTRY**  
**Monthly Average 2019 (kg)**

TYPES OF MINERALS	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	2019 Average
Tin	37,124	26,653	32,558	36,402	33,185
Iron Ore	24,030	22,757	35,727	52,942	33,864
Coal	0	0	0	0	0
Gold	71,779	58,174	2,055,529	32,010	554,373
Manganese	0	0	0	870	218
Kaolin	0	0	0	0	0
Bauxite	0	0	0	0	0
Feldspar	0	0	0	0	0
Mica	0	0	0	0	0
Calcium	0	0	0	0	0
Limestone	7,458	0	0	0	1,865
Silica	0	0	0	0	0
<b>Total (kg)</b>	<b>140,391</b>	<b>107,584</b>	<b>2,123,814</b>	<b>122,225</b>	<b>623,504</b>

Source: Department of Mineral and Geoscience Malaysia



## STATISTICS - 2019

HORSEPOWER OF MACHINERY USED IN THE MINING INDUSTRY  
Monthly Average 2019 (Kilowatts)

TYPES OF MINERALS	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	2019 Average
Tin	19,210	34,319	45,222	345,079	110,957
Iron Ore	202,455	151,956	103,577	569,956	256,986
Coal	14,275	24,381	548	557	9,940
Gold	841,717	2,209,322	74,702	5,981,815	2,276,889
Manganese	63,064	25,910	18,075	11,258	29,577
Kaolin	20,786	20,614	21,247	20,614	20,815
Bauxite	15,474	16,264	17,055	16,264	16,264
Feldspar	3,513	1,948	1,948	1,948	2,339
Mica	375	375	375	375	375
Calcium	0	0	0	0	0
Limestone	2,635	0	0	0	659
Silica	20,493	21,284	14,317	15,718	17,953
<b>Total (In Kilowatts)</b>	<b>1,203,997</b>	<b>2,506,373</b>	<b>297,067</b>	<b>6,963,584</b>	<b>2,742,755</b>

Source: Department of Mineral and Geoscience Malaysia

**IMPORTS OF TIN ORES & CONCENTRATES INTO MALAYSIA**  
**By Major Countries of Origin**  
**2018 - 2019**

COUNTRY OF ORIGIN	2019		2018	
	Quantity Tonne	Value RM'000	Quantity Tonne	Value RM'000
Australia	4,628	171,213	8,075	315,672
Belgium	476	14,987	532	17,044
Bolivia	21	1,056	99	5,312
Brazil	1,473	75,803	2,089	114,020
Burundi	26	1,061	12	669
Chile	58	2,917	-	-
China	-	-	18	1,065
Colombia	-	-	2	90
Congo	528	27,248	4,326	217,497
Congo (DRC)	2,379	122,735	4,763	247,634
Cote D'ivoire	-	-	148	7,986
Germany	-	-	1	20
Hong Kong	246	13,020	-	-
Indonesia	474	8,425	262	7,456
Kenya	2,991	131,066	-	-
Mongolia	-	-	25	1,395
Myanmar	1,267	69,207	1,477	65,031
Nigeria	9,041	475,448	9,286	518,152
Portugal	-	-	22	1,330
Russian Federation	1,080	51,309	543	28,306
Rwanda	492	24,183	1,664	85,425
Saudi Arabia	182	10,668	-	-
Singapore	28	1,041	47	1,896
South Africa	1,823	82,456	-	-
Spain	164	7,210	-	-
Switzerland	728	38,097	-	-
Tanzania	3,358	166,520	-	-
Thailand	11	745	-	-
Uganda	166	7,330	-	-
United Kingdom	344	19,152	432	19,118
U.S.A.	586	24,618	499	19,258
Venezuela	-	-	1	58
Vietnam	109	3,006	42	1,596
Zimbabwe	6	277	-	-
<b>TOTAL</b>	<b>32,685</b>	<b>1,550,798</b>	<b>34,365</b>	<b>1,676,030</b>

Source: Department of Statistics, Malaysia

## STATISTICS - 2019

**IMPORTS OF UNWROUGHT TIN, NOT ALLOYED INTO MALAYSIA**  
**By Major Countries of Origin**  
**2018 - 2019**

COUNTRY OF ORIGIN	2019		2018	
	Quantity Tonne	Value RM'000	Quantity Tonne	Value RM'000
China	3	210	340	30,113
France	6	203	-	-
Hong Kong	150	13,204	50	4,122
Indonesia	1,518	121,672	1,481	125,208
Japan	130	10,981	7	576
Korea	-	-	80	6,862
Laos	-	-	27	2,352
Philippines	42	3,434	46	3,931
Singapore	291	24,091	558	38,544
Taiwan	60	4,976	360	31,746
Thailand	278	21,741	226	20,555
United Arab Emirates	-	-	1	98
United Kingdom	30	2,314	-	-
<b>TOTAL</b>	<b>2,508</b>	<b>202,826</b>	<b>3,176</b>	<b>264,107</b>

Source: Department of Statistics, Malaysia

**EXPORT OF TIN METAL FROM MALAYSIA**  
**By Major Countries of Destination**  
**2018 - 2019**

COUNTRY OF DESTINATION	2019		2018	
	Quantity Tonne	Value RM'000	Quantity Tonne	Value RM'000
Australia	50	3,776	45	3,463
Bangladesh	43	3,105	70	5,541
Belgium	100	7,581	655	53,374
Bulgaria	50	3,934	-	-
Canada	75	5,513	50	4,127
China	444	33,353	690	56,699
Egypt	35	2,491	20	1,653
Greece	-	-	25	1,980
Hong Kong	120	8,638	179	14,225
Hungary	53	3,987	-	-
India	955	71,958	1,300	105,183
Indonesia	15	1,299	35	2,810
Iran	70	5,296	80	5,800
Italy	3,064	231,514	2,247	181,818
Japan	3,235	260,706	3,885	318,976
Korea	1,922	146,664	1,100	90,174
Morocco	-	-	5	439
Nepal	-	-	10	915
Netherlands	420	29,553	954	77,009
Pakistan	245	19,141	230	19,078
Philippines	19	1,667	48	4,186
Portugal	25	1,713	50	3,976
Russia	-	-	10	814
Saudi Arabia	48	3,623	90	7,431
Singapore	820	63,968	929	72,513
South Africa	425	33,072	425	34,091
Spain	50	3,284	251	20,377
Taiwan	1,399	109,200	1,297	104,242
Thailand	690	54,074	178	14,618
Turkey	280	21,993	60	5,100
United Arab Emirates	579	44,615	1,138	85,059
United Kingdom	25	1,843	-	-
U.S.A.	5,816	439,375	8,473	683,958
Vietnam	40	2,957	0.3	27
<b>TOTAL</b>	<b>21,112</b>	<b>1,619,893</b>	<b>24,529</b>	<b>1,979,656</b>

Source: Department of Statistics, Malaysia

## STATISTICS - 2019

**PRODUCTION OF TIN-IN-CONCENTRATES 1801 - 2019**  
**Peninsular Malaysia**

YEAR	LONG TONS	YEAR	LONG TONS	YEAR	LONG TONS
* 1801-05	3,200	1901	47,475	1961	56,028
* 1806-10	3,400	1902	47,258	1962	58,603
* 1811-15	3,600	1903	50,842	1963	59,947
* 1816-20	3,800	1904	51,733	1964	60,004
* 1821-25	4,000	1905	50,991	1965	63,670
* 1826-30	4,200	1906	48,672	1966	68,886
* 1831-35	4,500	1907	48,474	1967	72,119
* 1836-40	4,800	1908	50,868	1968	75,069
* 1841-45	5,200	1909	50,754	1969	72,630
* 1846-50	5,600	1910	45,918	1970	72,630
1851	6,000	1911	47,498	1971	74,253
1852	6,000	1912	50,003	@	IN TONNES
1853	6,000	1913	51,377	1972	76,830
1854	6,000	1914	50,643	1973	72,260
1855	6,000	1915	49,832	1974	68,122
1856	7,000	1916	47,224	1975	64,364
1857	7,000	1917	42,903	1976	63,401
1858	7,000	1918	40,105	1977	58,703
1859	7,000	1919	39,240	1978	62,650
1860	7,000	1920	36,927	1979	62,995
1861	8,000	1921	36,240	1980	61,404
1862	8,000	1922	37,226	1981	59,938
1863	8,000	1923	39,383	1982	52,342
1864	8,000	1924	46,917	1983	41,367
1865	8,000	1925	48,146	1984	41,307
1866	9,000	1926	47,790	1985	36,884
1867	9,000	1927	54,390	1986	29,134
1868	9,000	1928	64,505	1987	30,388
1869	9,000	1929	72,355	1988	28,866
1870	9,000	1930	67,032	1989	32,034
1871	5,500	1931	54,538	1990	28,468
1872	6,100	1932	29,176	1991	20,710
1873	4,800	1933	24,840	1992	14,339
1874	4,200	1934	37,612	1993	10,384
1875	8,566	1935	42,359	1994	6,458
1876	9,520	1936	66,729	1995	6,402
1877	3,004	1937	77,223	1996	5,174
1878	7,900	1938	43,317	1997	5,065
1879	10,985	1939	46,745	1998	5,756
1880	11,735	1940	83,468	1999	7,340
1881	11,399	1941	62,581	2000	6,307
1882	11,704	1942	15,748	2001	4,972
1883	16,957	1943	26,000	2002	4,215
1884	7,548	1944	9,309	2003	3,358
1885	17,319	1945	3,152	2004	2,743
1886	19,673	1946	8,432	2005	2,857
1887	23,976	1947	27,026	2006	2,398
1888	23,854	1948	44,815	2007	2,263
1889	26,500	1949	55,203	2008	2,602
1890	27,200	1950	57,767	2009	2,412
1891	32,400	1951	57,396	2010	2,668
1892	34,300	1952	57,065	2011	3,343
1893	39,912	1953	56,404	2012	3,725
1894	47,676	1954	60,933	2013	3,697
1895	49,592	1955	61,244	2014	3,777
1896	48,541	1956	62,296	2015	4,125
1897	44,095	1957	59,293	2016	4,158
1898	41,167	1958	38,458	2017	3,894
1899	38,960	1959	37,525	2018	3,868
1900	43,111	1960	51,979	2019	3,611

Note: @ 1972 onwards in Metric Tonnes

(1 long ton = 1.016047 tonne)

\* Annual Averages

Source: Department of Mineral and Geoscience Malaysia



**KLTM TIN PRICE & TURNOVER 2019**

<b>MONTH</b>	<b>AVERAGE PRICE (USD / TONNE)</b>	<b>MONTHLY TURNOVER (TONNES)</b>
January	20,417	719
February	21,268	628
March	21,317	1,046
April	20,528	833
May	19,394	388
June	19,065	344
July	18,074	416
August	16,532	422
September	16,730	392
October	16,562	464
November	16,624	417
December	16,883	376
<b>ANNUAL AVERAGE</b>	<b>19,168</b>	<b>537</b>

Lowest Price: US\$15,700 on 29 August 2019

Highest Price: US\$21,760 on 26 February 2019

*Source: Kuala Lumpur Tin Market (KLTM)*

# REPRESENTATION ON CHAMBER AND OTHER COMMITTEES

## Chamber / Tin Board Remuneration Committee

President & Vice-President	-	Chamber of Mines
Chairman	-	Tin Board

## Investment Sub-Committee

Dato' Seri Mohd Ajib Anuar  
Dato' Sri Hj Ahmad Omar  
Hj Muhamad Nor Muhamad

## Tin Industry (Research & Development) Board

Dato' Seri Mohd Ajib Anuar  
Dato' Sri Hj Ahmad Omar  
Dato' Dr Ir Patrick Yong Mian Thong  
Dato' Chin Lean Choong  
Dato' Hj Musa Nordin  
Steve Zhen Xiong Loh

## Publicity Management Committee of Tin Industry (Research & Development) Board

Dato' Seri Mohd Ajib Anuar  
Dato' Sri Hj Ahmad Omar  
Dato' Dr Ir Patrick Yong Mian Thong  
Dato' Chin Lean Choong  
Dato' Hj Musa Nordin  
Steve Zhen Xiong Loh

## Malaysian Tin Products Manufacturers' Association (MTPMA)

Hj Muhamad Nor Muhamad  
Lutfi Hamidee Abd. Latif  
Muhammad Adzrul Madzlan

## The ASEAN Federation of Mining Associations (AFMA) Executive Council

Dato' Seri Mohd Ajib Anuar - President  
Dato' Sri Hj Ahmad Omar  
Hj Muhamad Nor Muhamad - Secretary General

## ASEAN Senior Officials Meeting on Minerals (ASOMM)

Dato' Seri Mohd Ajib Anuar  
Hj Muhamad Nor Muhamad  
Lutfi Hamidee Abd. Latif

## Liaison Officials of the China-ASEAN Mining Co-operation Forum and Exhibition (CAMCFE)

Hj Muhamad Nor Muhamad

**Malaysian Employers Federation (MEF)**

Dato' S.S. Subramaniam

**MEF Industrial Relations Panel**

Dato' S.S. Subramaniam

**National Labour Advisory Council (NLAC)**

Dato' S.S. Subramaniam

Hj Muhamad Nor Muhamad (alternate)

**APEC Mining Industry Forum**

Dato' Seri Mohd Ajib Anuar

Hj Muhamad Nor Muhamad

**Universiti Malaysia Pahang - Board of Studies**

Teoh Lay Hock

**Symposium on Human Capital Development for the Mineral Resource Industry Organising Committee**

Dato' Seri Mohd Ajib Anuar - Patron

Hj Muhamad Nor Muhamad - Advisor

Teoh Lay Hock - Advisor

Lutfi Hamidee Abd. Latif

Muhammad Adzrul Madzlan

**National Tin Conference 2019 Organising Committee**

Hj Muhamad Nor Muhamad

Teoh Lay Hock

Lutfi Hamidee Abd. Latif

Badrul Ridzuan Abdul Rahim

Iszaynuddin Abd Hamid

Dr Jasmi Hafiz Aziz

Muhammad Adzrul Madzlan

Emil Nuruddin

Nor Marzlini Mohamed Hasini

# LIST OF MEMBERS 2019 - 2020

## HONORARY MEMBERS

1. Tuan Hj Mokty Dato' Mahmood, JSM, PMP  
Lot 3023, Lorong Melati, Kampung Damai, 48050 Kuang, Selangor.
2. Tan Sri Datuk Ibrahim Menudin  
Safico Sdn Bhd, B-6-4, Megan Avenue II, No. 12, Jln Yap Kwan Seng, 50450 Kuala Lumpur.
3. Datuk Ab. Sukor Shahar, PJN, AMP  
No. 4, Jalan Budiman 6, Taman Mulia, Bandar Tun Razak, 56000 Kuala Lumpur.
4. Dato' Ir. Haji Abdul Rahman Dahan, DPMP, KMN, PPT  
Osborne & Chappel Sdn Bhd, No. 2A, Jalan Taman Tambun, Taman Tambun, 31400 Ipoh, Perak

## LIFE MEMBERS

1. Bennie, J.H.  
c/o UNDP, P. O. Box 650, Yangon, Myanmar.
2. Bridewell, J.W.  
45, Rue Vautier, 1227, Carouge, Geneva, Switzerland.
3. Cross, D.J.  
3, Grange Road, Bearsden, Glasgow, Scotland.
4. Dempster, E. L.  
Oak Hill Fyning Lane, Rogate, Nr. Petersfield, Hants GU13 5DJ, United Kingdom.
5. Dennis Taylor, Dr.  
106 Duffy Street, Ainstie, A.C.T. 2602, Australia.
6. Forristal, C.J.  
c/o South Crofty PLC, Pool, Redruth Cornwall, England.
7. George, W.K.  
Room 11, The Homestead, 22 Homestead Avenue, Wallington, 3221 Victoria, Australia.
8. Green, M.  
153-0-6, Menara Duta, Jalan 1/38B, Segambut, 51200 Kuala Lumpur.
9. Henderson, J  
Flat 14, 51 Hyde Park Gate, London, S.W. 7, England.
10. Jackson, J.K.J.  
Petrosur S.A., Reconquista 468, Casilla de Correo 1694, Buenos Aires, Argentina
11. Muir, G.T.  
Tregidden Cottage, Tregidden, St. Martin, Heston, England.
12. Oberbillig, H.H.  
4404, Rim Street, Boise, Idaho 83706, United States of America.
13. Pearson, J.C.  
"Jomanor", 41 Ivydore Avenue, Worthing, W. Sussex, BN13 3JH, England.

LIST OF MEMBERS 2019-2020  
(as at end November 2020)

## LIFE MEMBERS

14. Rose, K.M.  
89 Desswood Place, Aberdeen, Scotland.
15. Smith, T.A.  
Far Pasture, Mine Banks West Allan, Allendale, Hexham NE47 8DB, England.
16. Soo Ying Yuen  
349 Cooper Street, Cambridge, Ontario N3C 3X8, Canada.
17. Talbot, J.H.  
"Pangkor" 49 Sandown Avenue, Swindon, Wiltshire SN3 1QQ, England.
18. Tan Loong Keat  
P.O. Box 760, Indooroopilly Centre, QLD 4068 Australia.

## CORPORATE MINING MEMBERS

1. J Resources Gold Ltd, Specific Resources Sdn Bhd  
Penjom Gold Mine, Empang Jalih, P O Box 49, 27200 Kuala Lipis, Pahang.
2. Rahman Hydraulic Tin Bhd  
Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.
3. Selinsing Gold Mine Manager Sdn Bhd  
157, Jln Bukit Bius, 27200 Kuala Lipis, Pahang.
4. Malaco Mining Sdn Bhd  
28th Floor, UBN Tower, No. 10 Jln P. Ramlee, 50250 Kuala Lumpur
5. Kumpulan Semesta Sdn Bhd  
Tingkat 5, Bangunan Darul Ehsan, No. 3, Jalan Indah, Seksyen 14, 40000 Shah Alam, Selangor.
6. Amanjaya Holdings and Ventures Sdn Bhd  
Level 16, Perak Techno Trade Centre (PTTC), Bandar Meru Raya, Off Jalan Jelapang, 30020 Ipoh, Perak.
7. SMGB Group Sdn Bhd  
3.01C, West Wing, Level 3, Menara BRDB, 285, Jln Maarof, Bukit Bandaraya, 59100 Kuala Lumpur.
8. Aras Kuasa Sdn Bhd  
Level 8, Menara Zenith, Putra Square, Jalan Putra Square 6, 25050 Kuantan, Pahang.
9. Nalidah Tin Mine Sdn Bhd  
99, Jalan Raja Musa Aziz, 30300 Ipoh, Perak.
10. Edubest Resources Sdn Bhd  
B-12, 1st Floor, Lorong Tun Ismail 8, Sri Dagangan II, 25000 Kuantan, Pahang.
11. Ceramic Material Supply Sdn Bhd  
No 12, Jalan Wawasan 3/KU7, Sungai Kapar Indah, 42200 Kapar, Selangor.



LIST OF MEMBERS 2019-2020  
(as at end November 2020)

## OTHER CORPORATE MEMBERS

1. Athira Mineral Resources (M) Sdn Bhd  
No. 16, SS20/24, Damansara Utama, 47400 Petaling Jaya, Selangor.
2. Royal Selangor Int. Sdn. Bhd.  
P.O. Box 10015, 50700 Kuala Lumpur.
3. Kuari Batu Emas Sdn Bhd  
No. 7, Lebuah Lasam, Greentown, 30450 Ipoh, Perak.
4. Batu Kawan Baik Sdn Bhd  
No. 7, Lebuah Lasam, Greentown, 30450 Ipoh, Perak.
5. S.E.K. (M) Sdn Bhd  
Timah House, 87, Jalan Sultan Yussuf, 30000 Ipoh, Perak
6. SGS (Malaysia) Sdn Bhd  
Wisma SGS, Lot 603, Leboh Raja Lumu, Kawasan Perindustrian PKNS, Pandamaran, 42000 Port Klang, Selangor.
7. Magic Mirror Consulting Sdn Bhd  
A-6-1, Block A, Megan Avenue I, No. 189, Jalan Tun Razak, 50400 Kuala Lumpur.
8. Big Bob Trading (M) Sdn Bhd  
23-1, Premier Suite, One Mont Kiara, No. 1, Jalan Kiara, Mont Kiara, 50480 Kuala Lumpur.
9. Kaolin World Sdn Bhd  
No. 42 Persiaran Bekor 15 Taman Pertama, 30100 Ipoh, Perak.

## ASSOCIATION MEMBERS

1. All Malaya Chinese Mining Association  
No. 73, Jalan Tun Sambanthan, 30000 Ipoh, Perak.
2. Institute of Mineral Engineering Malaysia  
c/o Bizworth Sdn Bhd, 11A, Medan Gopeng 4, Medan Gopeng, 31350 Ipoh, Perak.
3. Perak Chinese Mining Association  
No. 73, Jalan Tun Sambanthan, 30000 Ipoh, Perak.
4. Perak Quarry Association  
116-F1, Jalan Kampar, 30250 Ipoh, Perak.
5. The Miners' Association of Selangor, N. Sembilan & Pahang  
c/o Chinese Assembly Hall, 1 Jalan Maharajalela, 50150 Kuala Lumpur.
6. Dewan Perlombongan Bumiputra Negeri Perak  
No. 14A, Medan Istana 1, Bandar Ipoh Raya, 30450 Ipoh, Perak.

LIST OF MEMBERS 2019-2020  
(as at end November 2020)

## INDIVIDUAL ORDINARY MEMBERS

1. Dato' Hj. Abdul Aziz Mohamed  
No. 4, Jln 4/1, Taman Tun Abdul Razak (TAR), 68000 Ampang, Selangor.

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2. Abdul Khaliq Abdul Hamid  
Vision Green Technology Sdn Bhd, No. 7, Lebuhr Lasam Greentown, 30450 Ipoh, Perak.

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3. Dato' Abdul Malik Abd. Kadir  
RMT Metals Sdn Bhd, 14.02B, Menara Boustead Penang, 39, Jln Sultan Ahmad Shah, 10050 Penang.

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4. Hj Abdullah Yusof  
No. 4, Jalan 16/7, Seksyen 16, 46850 Petaling Jaya, Selangor.

---

5. Ahmad Ashraf Ramli  
No. 58, Jalan 8/10, Bandar Tasik Puteri, 48020 Rawang, Selangor.

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6. Tan Sri Dato' Dr Haji Ahmad Azizuddin Haji Zainal Abidin, PSM, DPMP, KMN, PMP, JP  
9 & 11, Medan Gopeng Empat, Medan Gopeng, Off Jln Dr. Nazrin Shah, 31350 Ipoh, Perak.

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7. Dato' Sri Hj Ahmad Omar, SSAP, DIMP  
Permodalan Negeri Selangor Berhad, 25th Floor, Wisma MBSA, Persiaran Perbandaran, 40000 Shah Alam.

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8. Amran Mohd Sani  
Malaysia Smelting Corporation Bhd, Lot 6,8 & 9, Jln Perigi Nanas 6/1, Pulau Indah Industrial Park,  
West Port, Port Klang, 42920 Pulau Indah, Selangor.

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9. Keith Chan Foo Khee  
49, Westmore Drive, West Pennant Hills, NSW 2125, Australia.

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10. Chan Kim Fan  
19, Jalan SS 17/3E, 47500 Subang Jaya, Selangor.

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11. Chan Sam Meng  
Sanguine Development Corporation Sdn Bhd, A1, Jalan Delima 1, Desa Timah Langat,  
PO Box 17, 43800 Dengkil, Selangor.

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12. Chan Wan Choon, PJK  
20, Jalan Bayu 6, Bukit Gita Bayu, Serdang, 43300 Seri Kembangan, Selangor.

---

13. Raymond Chee Poi Kee  
Drilco Technologies (M) Sdn Bhd, 33-1, Jalan 2/115C, Taman Kuchai Jaya, 58200 Kuala Lumpur

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14. Alexander Chieng Siong Huo  
No. 1B, Lorong Ulu, Sg. Merah 33A, 96000 Sibu, Sabah.

---

15. Dato' Chin Lean Choong, DPMP, JP  
Mariju Sama Sdn Bhd, Timah House, 87, Jalan Sultan Yussuf, 30000 Ipoh, Perak.

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16. Dato' Chin Lean Keat, DPMP  
S.E.K. (M) Sdn Bhd, Timah House, 87, Jalan Sultan Yussuf, 30000 Ipoh, Perak.

---

17. Choo Mun Keong  
36, Jalan SS 21/1, 47460 Petaling Jaya, Selangor.

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18. Choong Tien Chuan  
73, Jalan Leong Sin Nam, 30300 Ipoh, Perak.

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LIST OF MEMBERS 2019-2020  
(as at end November 2020)

### INDIVIDUAL ORDINARY MEMBERS

19. William Choong  
Nalidah Tin Mine Sdn Bhd, 99, Jln Raja Musa Aziz, 30300 Ipoh, Perak.

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20. Chua Cheong Yong  
2B-26-01, E Park Condominium, Jln Satu Uban, 11700 Gelugor, Penang.

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21. Chuah Ai Ngor  
Nalidah Tin Mine Sdn Bhd, 99, Jln Raja Musa Aziz, 30300 Ipoh, Perak.

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22. Chuah Yijie  
Nalidah Tin Mine Sdn Bhd, 99, Jln Raja Musa Aziz, 30300 Ipoh, Perak.

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23. Erina Dato' Musa  
Batu Kawan Baik Sdn Bhd, No. 7, Lebuhrampas Greentown, 30450 Ipoh, Perak.

---

24. Datuk Fateh Chand, PJN, JMN, PMP, KMN  
465, Jalan Desa Utama, Taman Desa, 58100 Kuala Lumpur.

---

25. Gayathri Indran  
#11, Jalan 4/53, 46050 Petaling Jaya, Selangor.

---

26. Goh Kim Chuan  
Nalidah Tin Mine Sdn Bhd, 99, Jln Raja Musa Aziz, 30300 Ipoh, Perak.

---

27. Hamdan Kamaruddin  
490, Lorong Titiwangsa 7, Taman Bukit Setia, Ampangan, 70400 Seremban, Negeri Sembilan.

---

28. Hariyanto Salleh  
Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.

---

29. Harun Halim Rasip  
Halim Rasip Holdings Sdn Bhd, Apt B-4, Block B (2nd Floor), The Stories - Taman Tunku, Jalan Langgak Tunku, Bukit Tunku, 50480 Kuala Lumpur.

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30. Heng Yong Lai  
Nalidah Tin Mine Sdn Bhd, 99, Jln Raja Musa Aziz, 30300 Ipoh, Perak.

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31. Tan Sri Dato' Hew See Tong, PSM, DPMP, PMP, JP  
1628 & 1629, Jalan Batu Sinar, Taman Bandar Baru Kampar, 31900 Kampar, Perak.

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32. Paul W. O. Hoskin  
Geological and Nuclear Sciences, 1 Fairway drive, Avalon, Lower Hutt 5010 Wellington, New Zealand.

---

33. Ismail Abd Rahman  
Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.

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34. Hj Ja'afar Chik  
20A, Tambun Heights, Tambun, 31400 Ipoh, Perak.

---

35. Dr Jasmi Hafiz Abdul Aziz  
Department of Geology, Faculty of Science, University Malaya, 50603 Kuala Lumpur.

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36. Johaizal Musa  
Hedd Industries (M) Sdn Bhd, No. 7, Lebuhrampas Greentown, 30450 Ipoh, Perak.

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LIST OF MEMBERS 2019-2020  
(as at end November 2020)

## INDIVIDUAL ORDINARY MEMBERS

- |  |
|--|
| 37. Johaizal Musa<br>Hedd Industries (M) Sdn Bhd, No. 7, Lebuhr Lasam Greentown, 30450 Ipoh, Perak                                     |
| 38. Jong E Cheng<br>Sarawak Energy Berhad, Lot 1069 Taman Tai Foo, Miri-Bintulu Road, 98000 Miri, Sarawak.                             |
| 39. Kamarudin Abdul Karim<br>No. 4, Jalan L2, Taman Melawati, 53100 Kuala Lumpur.  |
| 40. Lai Fook Hoy<br>26, Jalan Padang Victoria, 10400 Georgetown, Penang.   |
| 41. Dato' Lee Chung Han<br>301C, West Wing, Level 3, Menara BRDB, 285 Jalan Maarof, Bukit Bandaraya, 59000 Kuala Lumpur.               |
| 42. Lee Sin Peng (Ms)<br>Citi Venture Limited, No. 7, Jln SS 22/22, Damansara Jaya, 47400 Petaling Jaya, Selangor.                     |
| 43. Lee Soo Loong<br>No. 1, Jalan 26, Overseas Union Garden, Jalan Kelang Lama, 58200 Kuala Lumpur.                                    |
| 44. Lee Toon Hian<br>Pegang Mining Co Sdn Bhd, 56 Jalan Leong Boon Swee, 30000 Ipoh.   |
| 45. Dato' Lee Wai Mun<br>B12, Tingkat 1, Lorong Tun Ismail 8, Sri Dagangan 2, 25000 Kuantan, Pahang.                                   |
| 46. Lee Yian Ping<br>Cotecna Trade Services Malaysia Sdn Bhd, 617, Jalan 31/39, Petaling Garden Kepong, 52100 Kuala Lumpur.            |
| 47. Leong Siang Fook<br>Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.                              |
| 48. Lynus Leong Wai Nam<br>Vertical Axis Water Solutions Sdn Bhd, 11A, Jalan Dato' Hj Harun, Taman Taynton View, 56000 Kuala Lumpur.   |
| 49. Liew Jwo<br>No. 9, Jalan CH8, Bayu Mas, Taman Cheras Hartamas, Cheras, 43200 Selangor.   |
| 50. Liew Poh Weng<br>60, Jalan Tempua 4, Bandar Puchong Jaya, 47170 Puchong, Selangor.   |
| 51. Liew Sen<br>Sg. Lui Gold Mine Sdn Bhd, PUB-S1, 2nd Floor, Sg. Wang Plaza, 55100 Kuala Lumpur.                                      |
| 52. Datuk Lo Fui Ming<br>Wullersdorf Resources Sdn Bhd, Lot 81-2, 2nd Floor, Kubota Sentral, KM 6, Off Jalan Apas, 91000 Tawau, Sabah. |
| 53. Loh Ban Yew<br>Sungei Piah Mineral Resources Sdn Bhd, 458-460, Jalan Kuala Kangsar, Taman Loke Lim, 30010 Ipoh Perak.              |

LIST OF MEMBERS 2019-2020  
(as at end November 2020)

### INDIVIDUAL ORDINARY MEMBERS

54. Low Keng Lok  
1501 Block D, Kelana D'Putera, Jalan SS 7/26, 47301 Petaling Jaya.

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55. Dato' Ir Lum Weng Keong  
No. 6, Jalan BU 3/4, Bandar Utama, 47800 Petaling Jaya.

---

56. Madzlan Zam  
Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.

---

57. Mohamad Nazri Tamby  
Malaysia Smelting Corporation Bhd, Lot 6,8 & 9, Jln Perigi Nanas 6/1, Pulau Indah Industrial Park,  
West Port, Port Klang, 42920 Pulau Indah, Selangor.

---

58. Dato' Hj Mohamed Noor Ayoob  
Nalidah Tin Mine Sdn Bhd, 99, Jln Raja Musa Aziz, 30300 Ipoh, Perak.

---

59. Ir Mohamed Yakub Ismail  
No. 32, Jalan Radin 1, Bandar Baru Sri Petaling, 57000 Kuala Lumpur.

---

60. Mohammad Hafiz Zakaria  
Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.

---

61. Dato' Seri Mohd Ajib Anuar, SSAP, DIMP  
Magic Mirror Sdn Bhd, A-6-1/1, Block A, Megan Avenue I, 189, Jalan Tun Razak, 50450 Kuala Lumpur

---

62. Mohd Aljunid Abdul Ghani  
Kayfour Development Corp Bhd, 53-2, Jln. 2/27, Pusat Bandar Wangsa Maju, 53300 Kuala Lumpur

---

63. Mohd Azmizan Sulaiman  
Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak

---

64. Mohd Faizul Shahudi  
Malaysia Smelting Corporation Bhd, Lot 6,8 & 9, Jln Perigi Nanas 6/1, Pulau Indah Industrial Park,  
West Port, Port Klang, 42920 Pulau Indah, Selangor.

---

65. Mohd Najib Jaafar  
Magic Mirror Consulting Sdn Bhd, A-6-1/1, Block A, Megan Avenue 1, 189, Jalan Tun Razak, 50400 Kuala Lumpur.

---

66. Mohd Ridzuan Rajen Abdullah  
San Indah Sdn Bhd, No. 130-1, Jalan Mega Mendung, Jalan Klang Lama, 58200 Kuala Lumpur.

---

67. Mohd Shaffizan Ikmal Mohd Khalil  
Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.

---

68. Mohd Zain Ghazali  
K.L. Larut Sdn Bhd, No. 20A, 1st Floor, Jalan Ipoh Kecil, Off Jalan Ipoh, 50350 Kuala Lumpur.

---

69. Moo Hean Chong  
No. 16, Jalan SS 22/47A, Damansara Residensi, Damansara Jaya, 47400 Petaling Jaya.

---

70. Ir Muhamad Asri Mahayuddin  
Bizworth Sdn Bhd, 11A, Medan Gopeng 4, Medan Gopeng, 31350 Ipoh, Perak.

---

71. Dato' Hj Musa Nordin, DIMP, AMP, PPT  
Kuari Batu Emas Group of Company, No. 7, Lebuhr Lasam Greentown, 30450 Ipoh, Perak.

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LIST OF MEMBERS 2019-2020  
(as at end November 2020)

## INDIVIDUAL ORDINARY MEMBERS

72. Nik Mohd Fazli Nik Ibrahim  
Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.

---

73. Norhamidi Md Din  
Q-Mics Services Sdn Bhd, T5-1D, Komplek Amaniah, Jalan Batu Caves, 68100 Batu Caves, Selangor.

---

74. Nurul 'Ain Jabit  
Universiti Sains Malaysia, Pusat Pengajian Kejuruteraan Sumber Mineral, Kampus Kejuruteraan, 14300 Nibong Tebal, Pulau Pinang.

---

75. Nurul Shamira Mohd Rosdey  
D-5-11, Residensi Bistaria, Taman Ukay Bistari, 68000 Ampang, Selangor.

---

76. Parameswaran A/L Subramanian  
No. 42 Persiaran Bekor 15, Taman Pertama, 30100 Ipoh, Perak.

---

77. Quah Seng Chee  
36, Lengkok Wah Keong, Taman Wah Keong, 31400 Ipoh, Perak

---

78. Ramachandran A/L Palaniappen  
No. 8R Persiaran Jelapang 23, Taman Silibin Mewah, 30100 Ipoh, Perak.

---

79. Raveentiran A/L Krishnan  
Malaysia Smelting Corporation Bhd, 27, Jalan Pantai, 12000 Butterworth, Pulau Pinang.

---

80. Razman Dato' Ariffin  
A-13-02, Surian Condominium, Jln PJU 7/12B, Mutiara Damansara, 47810 Petaling Jaya.

---

81. Shahrulhisham Ibrahim  
No. 31, Hala Rapat Baru 29, Medan Lapangan Idaman, 31350 Ipoh, Perak.

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82. Dato' S.S. Subramaniam, DSSA, JSM, AJK, AMS  
No. 10, Persiaran Negeri Sembilan, Federal Hill, 50280 Kuala Lumpur.

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83. Ir. Selamat Aliman  
SBA Consultants, 5A, Medan Gopeng 3, Gunung Rapat, 31350 Ipoh, Perak.

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84. Seet Chin Peng  
Magic Mirror Consulting Sdn Bhd, A-6-1/1, Block A, Megan Avenue 1, 189 Jalan Tun Razak, 50400 Kuala Lumpur.

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85. Dato' Sia Hok Kiang  
No. 1, Persiaran Semarak Api, Sierramas, Sg. Buloh, 47400 Selangor.

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86. Datuk Suboh Mohd Yassin  
3-10-2, The Residence, Jalan Wan Kadir 5, Taman Tun Dr. Ismail, 60000 Kuala Lumpur.

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87. Dr Suhaina Ismail  
Universiti Sains Malaysia, Pusat Pengajian Kejuruteraan Sumber Mineral, Kampus Kejuruteraan, 14300 Nibong Tebal, Pulau Pinang.

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88. Tan Wee Theng  
Seribeau Sdn Bhd, 19, Lintang Delima Dua, 11700, Gelugor, Penang.

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LIST OF MEMBERS 2019-2020  
(as at end November 2020)

### INDIVIDUAL ORDINARY MEMBERS

- |      |   |
|------|---|
| 89.  | Martin Teh Chin Yau<br>47 Rocklea Road, Bulleen, Melbourne, Victoria 3105, Australia.   |
| 90.  | Teoh Lay Hock<br>C601 LI, Villas Condominium, Jalan 16/20, Section 16, 46350 Petaling Jaya, Selangor.   |
| 91.  | Thong Tiam Chan<br>A6888, Jalan Kubong Buaya, 25200 Kuantan, Pahang.  |
| 92.  | Tie Piew Teck<br>Syarikat Sebangun Sdn Bhd, Lot 847, Block 26, Kemena Land District, Off 20km,<br>Jalan Tanjung Kidurong, P O Box 168, 97007 Bintulu, Sarawak.                                      |
| 93.  | Vesel, Eric<br>10, Anjung Damai 13, Jln Murni, 54000 Kuala Lumpur.  |
| 94.  | Ir Wan Anuar Ibrahim<br>52, Jalan TM 2/1, Tmn Mulia Pajam, 71700 Mantin, Negeri Sembilan.   |
| 95.  | Wan Kamarul Zaman B Wan Yaacob<br>Messrs. Abu Talib Shahrom, 39-43, Jalan Desa, Taman Desa, Off Jln Klang Lama, 58100 Kuala Lumpur.   |
| 96.  | Wong Kim Fook<br>1V, Jalan Delima, 11700 Gelugor, Penang.   |
| 97.  | Wong Kum Fatt<br>Redring Solder (M) Sdn Bhd, Lot 17486, Jalan Dua, Taman Selayang Baru,<br>8 1/2 Miles, Off Jalan Ipoh, 68100 Batu Caves, Selangor.   |
| 98.  | Kevin John Wright<br>No. 23/G, Kampung Tempoyang, 27200 Kuala Lipis, Pahang.  |
| 99.  | Yap Fook Ping<br>43, Jalan Pantai, 12000 Butterworth, Penang.   |
| 100. | Yap Kean Pang<br>B-1-9, Block B, Pelangi Utama, Jln Masjid, PJU 6A, 47400 Petaling Jaya, Selangor.  |
| 101. | Yip Foo Weng<br>No. 25, Jalan SS18/1, Subang Jaya, 47500 Petaling Jaya, Selangor.   |
| 102. | Dato' Patrick Yong Mian Thong<br>Malaysia Smelting Corporation Bhd, B-15-11, Lot 6,8 & 9, Jln Perigi Nanas 6/1, Pulau Indah Industrial Park,<br>West Port, Port Klang, 42920 Pulau Indah, Selangor. |
| 103. | Michelle Yong Wai Yong<br>Malaysia Smelting Corporation Bhd, Lot 6,8 & 9, Jln Perigi Nanas 6/1, Pulau Indah Industrial Park,<br>West Port, Port Klang, 42920 Pulau Indah, Selangor.                 |
| 104. | Zaharuddin Zainal<br>Malaysia Smelting Corporation Bhd, 27, Jalan Pantai, 12000 Butterworth, Pulau Pinang.  |
| 105. | Zukuffely Osmen Abdul Rashid<br>Rahman Hydraulic Tin Sdn Bhd, Lot P.T. 765, 33200 Klian Intan, Hulu Perak, Perak.   |