MALAYSIAN TIN PRODUCTS

NEWSLETTER

QUARTERLY

OCTOBER - DECEMBER 2023



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THE MALAYSIAN TIN PRODUCTS NEWSLETTER

QUARTERLY | OCTOBER - DECEMBER 2023

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PRESIDENT'S

NOTE



LIM CHENG SANG
PRESIDENT
THE MALAYSIAN TIN PRODUCTS
MANUFACTURERS' ASSOCIATION
(MTPMA)

Dear Members,

As we bid farewell to the year 2023, we are grateful that in Malaysia we have managed to sail through the past twelve months with relative comfort compared to elsewhere in many parts of the world. We sympathise and empathise to those affected by the prolonged war in Ukraine, and the eruption of Israel-Hamas war, and hope that an amicable solution be found soon to end these conflicts which have not only brought misery to its people but also impacted the global economy.

Inspite of the high inflation and high interest rates, the Malaysian economy continued to register growth, albeit at a more moderate pace amid a challenging external environment. Malaysia's GDP growth for the third quarter of 2023 (Q3 2023) increased to 3.3 percent, compared to 2.9 percent for the previous quarter. The growth was driven by domestic demand, supported by the services, construction and agriculture sectors while the country's exports remained weak due to mild external demand. The manufacturing sector in Q3 2023 declined due to weak demand for electrical and electronic (E & E) products, as well as lower production of refined petroleum products. The inflation rate declined to 2 percent in the said quarter compared to 2.8 percent in Q2 2023. Bank Negara Malaysia (BNM) expected inflation to continue to decline in Q4 2023.

Going forward, BNM forecasted growth to remain resilient due to strong domestic demand despite external headwinds. It further projected that the Malaysian economy would grow around 4% in 2023 and 4% - 5% in 2024. Other financial institutions, such as the International Monetary Fund (IMF) and Maybank Investment Bank (Maybank IB) also made similar projections, with Maybank IB expecting GDP growth for Q4 2023 to be between 3.7 to 4.1 percent. BNM's projection was based on several factors including the expected increase in foreign tourists arrivals, the launch of several infrastructure projects, the implementation of catalytic initiatives and actions drawn up under the 2024 Budget as well as the recovery of poorly performing economic sectors.

For the global economy, economists expect growth in 2024 to remain resilient with uneven economic momentum. Several risks and issues would shape the world economy for the year, such as the prolonged geopolitical conflicts in Europe, the sudden eruption of Israel-Hamas war since October 7, elevated trade tensions between US and China, upcoming US Presidential Election and climate change which could significantly impact the global economy, financial and commodities markets.

In the global tin market, the International Tin Association had commented that "the LME tin price renewed stabilisation at around \$25,000 post-festive season reflects easing short selling pressure and high warrant cancellations, with a slight dip in stock levels. Despite continued positive demand indicators from the electronics and technology sectors, ample supply in China, marked by some recovery in SHFE stocks, tempers market optimism. Potential Q1 2024 tightness in China's tin feedstock looms, hinging on post-Lunar New Year operational status of tin mines in Wa State. Upcoming Indonesian elections in February are noteworthy, as they may dictate tin export policies, amid new three-year licensing challenges for local smelters."

At the local level, despite the closure of the Kuala Lumpur Tin Market, tin product manufacurers enjoyed a stable supply of tin throughout the year, with no significant issues in labor supply and wages. Demand for tin products, particularly from the semiconductor and electroplating sectors remained consistent beginning from Q1 2023, and slightly increased by the end of Q3 2023.

Economists expected that demand for technology products in 2024 to rebound, which could help Malaysia's trade grow in 2024. However, they cautioned that possible economic slowdown in the United States and China could dent the demand growth. An increase in manufacturing exports in 2024, particularly in E&E products, which account for about 80% of Malaysia's exports, would lift trade figures going into 2024, underpinned by the demand for semiconductors.

Despite the various challenges and risks, let us continue to believe that behind these challenges lie opportunities. I would like to urge all members to keep our morale high, remain resilient and to always maintain our standards and quality on all of our products. Integrity, transparency and responsibility are crucial values in maintaining the trust of stakeholders in our industry, particularly our clients. Failure to preserve these values would cost us our productivity and tarnish the image of our businesses.

Before concluding this President's note, on behalf of the members of the Association, may I wish all of you a Happy New Year 2024. May the new year bring much hope, happiness and prosperity. Let us all pray that Malaysia's economy will continue to be resilient and thrive in the year ahead.

With warmest regards.

LIM CHENG SANG PRESIDENT

NEWS ON ECONOMY

IMF Expects Malaysia's Real GDP to Grow

4.3pc Next Year

Malaysia's real gross domestic product (GDP) is expected to grow 4.3 per cent in 2024, up from the 4.0 per cent growth expected for 2023. This would mainly be driven by higher global export demand, particularly from the technology sector, according to the International Monetary Fund (IMF). IMF Asia Pacific regional studies division chief Shanaka (Jay) Peiris said Malaysia was a very open economy, especially in the export of electrical and electronics (E&E) products.

"We expect the global economy and export demand to gradually recover, particularly for the technology sector to pick up next year, and that will add to the 3.0 (per cent) or higher growth we have in Malaysia towards next year," he told a press conference in conjunction with the release of the IMF Regional Economic Outlook for Asia and Pacific report here yesterday. On Malaysia's inflation, he said it has been gradually slowing but the subsidy reforms tabled in the Budget 2024 would pose some risks to that. Nonetheless, Peiris reckons that the subsidy reforms would be a "one-off" event and that it would be un-

necessary for additional measures from Bank Negara Malaysia.

"It will still depend on how the inflation comes around, the impact of subsidy reforms as well as the external environment and interest rate differentials (compared with US interest rates).". He said the IMF's recommendation for Malaysia in the last report showed that the monetary policy should be restrictive enough to bring the inflation down to the 2.0 to 3.0 per cent range over the medium term.

"At the moment, we have seen interest rates raised, and that inflation has been gradually coming down right now. So in that sense, we think that a maintained restrictive stance should help bring down inflation," he said. — Bernama

Source: New Straits Times, 19 October 2023

Malaysia's Trade Declines in September

Exports of Manufactured, Mining and Agriculture Goods Down

Malaysia's trade fell 12.6 per cent last month compared with a year ago amid slower global demand and uncertainties in commodity prices. According to the Investment, Trade and Industry Ministry, exports decreased 13.7 per cent and imports edged down by 11.1 per cent. "The performance was similar to Malaysia's major trading partners notably South Korea, China, Taiwan and Indonesia, which recorded negative trade growth last month and a drop in their global imports," it said in a statement. Malaysia's trade surplus last month contracted by 23 per cent year-on-year. Exports

of manufactured goods, which represented 86.5 per cent, or RM107.7 billion, of total exports, dipped 11.8 per cent year-on-year due to lower demand for petroleum, electrical and electronics and chemicals and chemical products.

However, exports of processed food and paper and pulp products grew. Exports of agriculture goods decreased by 23.1 per cent to RM8.04 billion compared with September last

year following lower exports of palm oil and palm oil-based agriculture products. Exports of mining goods eased 28 per cent to RM7.98 billion attributed to lower exports of liquefied natural gas and crude petroleum. Trade with Asean made up 27.1 per cent, or RM60.91 billion, of total trade. "Exports to Asean major markets that recorded expansion were Vietnam and Thailand," said the ministry. Trade with the United States declined by 15.9 per cent to RM22.46

billion while trade with the European Union shrank by 3.4 per cent to RM17.57 billion. Trade, exports, imports and trade surplus in the third quarter of this year declined by 15.7 per cent, 15.2 per cent, 16.3 per cent and 9.1 per cent, respectively, compared with the same period last year.

Source: New Straits Times, 20 October 2023

Factory Activity Contracts on High Costs

Israel-Hamas War Sees Global Demand under Pressure

Manufacturing activity in Asia slumped again in October as conflict in the Middle East drove oil prices higher, costs rose and global demand remained under pressure. Most countries across the region reported pressures from cost inflation, shrinking output and new orders, according to manufacturing purchasing managers' indexes (PMI) published yesterday by S&P Global and au Jibun Bank. A private gauge of factory activity in China unexpectedly contracted, underlining fragility within the world's second-largest economy. The data are a discouraging sign for the global economy, which has seen its bid for recovery threatened by uncertainty over the Israel-Hamas war and the prospect of wider conflict in the region.

Asia - which makes much of the world's goods - has struggled to ramp up production this year amid patchy demand from major markets including the United States and Europe. PMI readings for Japan and South Korea remained mired in contraction at 48.7 and 49.8, respectively, little changed from the prior month. A reading above 50 indicates an expansion in activity, while anything below suggests contraction. "The rate of inflation was robust and the strongest seen in

the year to date amid reports of higher raw material prices, notably those linked to oil," said Usamah Bhatti, economist at S&P Global Market Intelligence, in a statement accompanying the South Korean data. Bhatti also noted that firms had mentioned unfavourable exchange rates as their currencies came under pressure, leading to higher input costs. While oil prices are beginning to cool again, war in the Middle East led to volatility over the month - just as many Asian factories had begun to enjoy cooling inflation and widening profit margins.

Crude costs may surge further this quarter if a broader conflict erupts. Elevated interest rates - or ones that climb even higher - would crimp any plans to expand manufacturing activity. Most of South-East Asia which has typically been able to rely on the strength of its domestic markets to power growth - was in contraction in October. PMIs for Vietnam, Myanmar and Thailand deteriorated, while Malaysia was unchanged. Only Indonesia managed to expand in October from the prior month, though the rate of growth was slower. The stop-start recovery is also evident in China, where the private Caixin survey of manufacturing activity fell to 49.5 in October from 50.6 the month before. That mirrored an official gauge this week that also showed factory activity shrank in October given the stretch of public holidays in the month along with muted market demand.

"Manufacturers were not in high spirits in October,' said Wang Zhe, senior economist at Caixin Insight Group, in a statement accompanying the Caixin data that cited falling supply, employment and external demand. The economy has showed signs of bottoming out, but the foundation of recovery is not solid." There have been a couple of signs that the worst may be over for at least some parts of the region as activity and demand attempt to recover. Trade bellwether Taiwan - which has seen PMI contract for more than a year - recorded a reading of 47.6 in October. The best reading in seven months suggested that the decline in activity in the econo-

my becoming less severe. South Korea, mean-while, posted an increase in exports of 5.1% in October from a year earlier - the first rise since late last year and an indication that there is some resilience in global demand. Manufacturers also reported improved business optimism over the coming 12 months, saying in the PMI survey that resurgent demand would stimulate new product launches and sales. - Bloomberg

Source: The Star, 2 November 2023

Economy Shows Positive Signs in October

Industrial Production and Retail Sales Lead the Way

Malaysia's economy has sustained positive growth during the first three guarters of 2023 and showed positive signs in October led by industrial production and retails sales, says the Statistics Department. It said the consistent performance had contributed to a 3.9% growth in the economy in the first nine months of 2023, in contrast to the 9.2% growth recorded in the corresponding period in 2022. Chief statistician Datuk Seri Mohd Uzir Mahidin said Malaysia's Industrial Production Index grew to 2.7% year-on-year (y-o-y) in October 2023, a substantial improvement from the preceeding months negative 0.5%. "This marked the most significant upswing since May 2023, predominantly driven by the robust performance in the mining sector performance in the mining sector.

"Simultaneously, the electricity and manufacturing sectors sustained their positive trends, recording increases of 5.8% and 0.9%, respectively," he said in a statement on the Malaysia Economic Statistics Review Volume 12/2023 yesterday. However, the manufacturing sector's sales value registered a 1.4% decline in October this year, influenced by a continued decrease in the petroleum, chemical, rubber

and plastic products sub-sector, which saw a drop of 9.5%. For the wholesale and retail trade sector, the monthly sales value in October 2023 reached RM142.3bil, up 6.5% y-o-y, driven by the wholesale trade sub-sector which expanded by 5.7% or RM3.4bil to RM63.3bil.

Subsequently, motor vehicles registered a growth rate of 19.1% (plus RM3bil) while the retail trade sub-sector rose 3.9% (plus RM2.3bil), he said. On inflation, Mohd Uzir said Malaysia's inflation increased by 1.8% in October 2023, marking the lowest rate since April 2021, with the index reaching 130.9 compared to 128.6 in the corresponding month of the previous year. "In November 2023, Malaysia's inflation persists in its gradual ascent, registering a slower growth of 1.5%, with the index points recorded at 130.9 compared to 129 in the corresponding month of the preceding year.

"Malaysia's Producer Price Index (PPI) slipped 0.3% in October 2023. In November 2023, the PPI recorded negative 1.5%," he added. On the trade front, Mohd Uzir said Malaysia's total trade con-

tracted by 2.4% y-o-y to RM239.5bil in October 2023. Exports witnessed a 4.4% decline to reach RM126.2bil, while imports experienced a marginal decrease of 0.2% to RM113.3bil. Consequently, the trade surplus stood at RM12.9bil, reflecting a 30.3% decrease from the previous year, said Mohd Uzir. On the labour market, he said it exhibited a 2% annual increase in the number of employed persons, reaching 16.4 million in October 2023.

"The labour force participation rate for October 2023 stood at 70.1% marking a 0.4 percentage point increase from the 69.7% recorded in October 2022. Concurrently, the unemployment rate decreased by 0.2 percentage points to 3.4% as compared to the same month in the previous year," he added. Meanwhile, the Leading Index experienced a y-o-y decrease of 0.2% to 109.2 points from 109.4 points in the preceding year. - Bernama

Source: The Star, 30 December 2023

NEWS ON SEMICONDUCTOR INDUSTRY

Analysts Laud Big Funds' Osram Investment

GLIC's Strong Support Will Boost Foreign Investments in Malaysia

The combined RM2 billion investment by three big funds in ams Osram AG's semiconductor business in Malaysia is a "unique, strategic and smart" approach. Economists believe that the strong support from the three governmentlinked investment companies (GLICs) will help boost foreign direct investments (FDI) here. Such cooperation will not only make investors more confident but will also create an environment that encourages more FDI, they said. Late last week, Permodalan Nasional Bhd (PNB), the Employees' Provident Fund (EPF) and Retirement Fund Inc (KWAP) signed a sale and leaseback agreement valued at RM2 billion with Osram Opto Semiconductors Sdn Bhd on its manufacturing facility at the Kulim hi-tech park in Kedah.

Osram Opto is a wholly owned subsidiary of Austria-based ams Osram, a leader in intelligent sen-

sors and emitters. The three co-investors said the sale and leaseback transaction is expected to conclude in December, with each owning 33.3 percent equally. Economists told Business Times investing in well-established international companies with a good track record like Osram is a smart move in a shift towards safer, high-return investments.

This will make pension funds and government investment companies financially stronger and send a strong message to international investors that Malaysia is open for business and eager to welcome FDI, said Nusantara Academy for Strategic Research senior fellow Azmi Hassan. "It is a good strategy not only to attract future FDI but for these three entities to enhance their profits in the future. In the Madani economy, this public-private partnership (PPP) places emphasis on the

involvement of private entities, as the government alone may find its challenging to make the necessary investments."

Malaysian Institute of Economic Research economists Dr Shankaran Nambiar said it is an interesting model as institutions like the EPF need to invest and grow the funds that are at their disposal. They continually seek opportunities to generate returns on their deposited funds, making it a prudent choice to invest in well-established multinational corporations with robust business operations, he said. Osram, in particular, stands out as a reliable company, he said. "As long as pension funds and other GLICs invest in enterprises offering a low-risk premium and a relatively predictable return, such a move should be greeted with enthusiasm."

Taylor's University philosophy, politics and economics programme director Prof Ong Kian Ming said the investment signifies the government's dedication, along with the Investment, Trade and Industry Ministry to enhance FDI inflows, particularly those offering high guaranteed returns. "This approach deviates from traditional equity investments, which expose GLICs to the volatility of stock prices. Instead, it offers a more stable and predictable income stream," said Ong. The EPF has previously engaged in leasing deals involving residential and commercial properties, but this collaboration is one of the first instances in which all three GLICs have joined forces for an industrial real estate venture. The potential success of this endeavour sets a promising precedent for future opportunities in the dynamic landscape, indicating that Malaysia remains committed to exploring creative approaches to boost its FDI profile, Ong said.

Tradeview Capital chief executive officer Ng Zhu Hann said local institutional funds will inject substantial capital upfront to secure long-term leases with global companies, fostering a "win-win" scenario and bolstering the nation's FDI landscape. The innovative strategy aims to lower international investors' initial capital expenditure, enhancing Malaysia's competitiveness in attracting global names while encouraging their long-term presence in the country, he added. For this to work, trust and commitment from both institutional funds and foreign investors are crucial components of this approach, offering an alternative to traditional tax incentives and investment tax allowances schemes, said Ng. Beyond the economic benefits, the partnership is poised to create a positive ripple effect in terms of job creation, technology transfer and elevating the country's position on the global value chain.

Independent economist Julian Suresh Sundaram said the deal allows pension funds to earn higher returns while managing risks effectively, offering a 10-year exit plan and complying with Islamic finance principles. He said the deal offers a stable cash flow, lower risks and potential returns compared to bonds, making it attractive for future projects and enhancing environmental, social and corporate governance credibility.

Source: New Straits Times, 7 November 2023

JF Technology in China Firm Tie-Up

JF Technology Bhd has set up a joint-venture company in Malaysia with Shenzhen HFC Co Ltd to produce materials used in high-end semiconductor chips for artificial intelligence (AI) and electric vehicle applications. It said Shenzhen HFC was at the forefront of utilising graphene materials in Al chips.

Source: The Star, 6 December 2023

Positive Prospects in 2024

Improved Visibility on Recovery for Tech Sector

UOB Kay Hian Research (UOBKH) remains positive on the technology sector and hopeful the signs of recovery will be backed by imminent growth in 2024. In a note, the research firm said the sector's third quarter (3Q23) results were disappointing but there has been an improved visibility on recovery moving forward. "In the 3Q23 report card, both the earnings disappointment set valuation right back to mean reversion. The Bursa Malaysia Technology Index (BM Tech Index) closed lower by 37% since 2022 and at minus 3% year-to-date," it said. However, conditions are turning more bullish for the sector on a better risk-reward calculus, backed by an improving earnings out-look in 2024.

UOBKH Research said global semiconductor sales are expected to surge 13.1% year-on-year in 2024, after a sales contraction of 9.4% this year. The contraction is closing to its end and breaking out from its zero parity, which could see the cycle reversing back to positive growth trajectory imminently. "This reflects decent growth across all segments, led by memory (43.2%, after a sharp drop in 2023), followed by logic (plus 6.8%) and discrete semiconductors (plus 6.4%). In our view, this suggests sales of smartphones and smart devices are expected to rebound strongly," the research firm said. It added its empirical research on the sector's cyclicality against the BM Tech Index also suggested the index is already on the brink of an upswing again after multiple months of consolidation.

Furthermore, equipment makers expect a strong comeback next year spearheaded by the ongoing investment cycle for medical devices and renewable energy (RE), followed by demand resumption for electric vehicles and autonomous driving in the 2Q24. "Notably, 2024 sales growth of 38% is expected to outperform global benchmarks due to the US-China trade diversion and the entrenchment of manufacturing capabilities, with RE and medical-centric equipment makers championing the order book record," it said. Despite electronic manufacturing services (EMS) companies slowing down on order loadings, UOBKH Research said the respective EMS players are on the aggressive look-out for trade diversion-related opportunities.

"Industrial EMS players, namely CAPE EMS and NationGate, are seeing promising prospects related to communication and server products, with some already in the advanced stage of commercialisation since 3Q23," it noted. The research house cautioned that even if there were downside risk in the 4Q23 especially on the small-mid cap local tech companies, the emergence of multinational players in Malaysia will result in a waterfall effect which will benefit the local ecosystem.

Source: The Star, 14 December 2023





MERRY Christmas and Happy New Year

Wishing You a Merry Christmas and a Joyful New Year

The Malaysian Tin Products Manufacturers' Association



Malaysia Urged to Develop Capacity in Semiconductor Chip Exports

The Malaysian Institute of Economic Research (MIER) said Malaysia should play a more active role in the export of semiconductor chips to benefit from global developments. It said Malaysia was wellpositioned to be a hub for the production and export of chips given its long and significant presence in the global semiconductor space, especially with the outflow of investments from China. "Malaysia should develop its capacity in this respect. Malaysia also has to build more resilient global supply chains," said MIER in a statement. The National Economic Outlook Conference hosted by MIER found that in order for the economy to grow, it was necessary to recognise the economic impact of technology and the outside world.

Given Malaysia's reliance on food imports, MIER proposed that the food supply chain network be improved. The discussions in digitisation also showed how important it was for small and medium enterprises (SMEs) to be future-proofed to thrive in this field. "SMEs need help because they are competing in an industry with huge telecommunications companies. Malaysia has to build an integrated ecosystem and improve country-to-country connectivity." MIER said there was no doubt that artificial intel-

ligence (AI) was a game-changing trend that Malaysia had to fully embrace. It said in order to reset the economy, Al should be pursued aggressively, with a focus on moving beyond conventional policies to create an agile framework.

"The development of the economy depends upon how successful the government is in creating a safe and secure environment for all citizens. It cannot be overemphasised that social protection must be framed not just as a policy but as a comprehensive framework." It added that there was an urgent need for the government to introduce a life-cycle-based social protection system, providing adequate coverage from "womb to tomb". MIER suggested a transition from social assistance to social insurance and a three-layered ecosystem involving private institutions, social insurance and social assistance. "We emphasise the importance of a comprehensive, integrated social protection system with the appropriate use of technology (digitisation) and inflation hedging," it said.

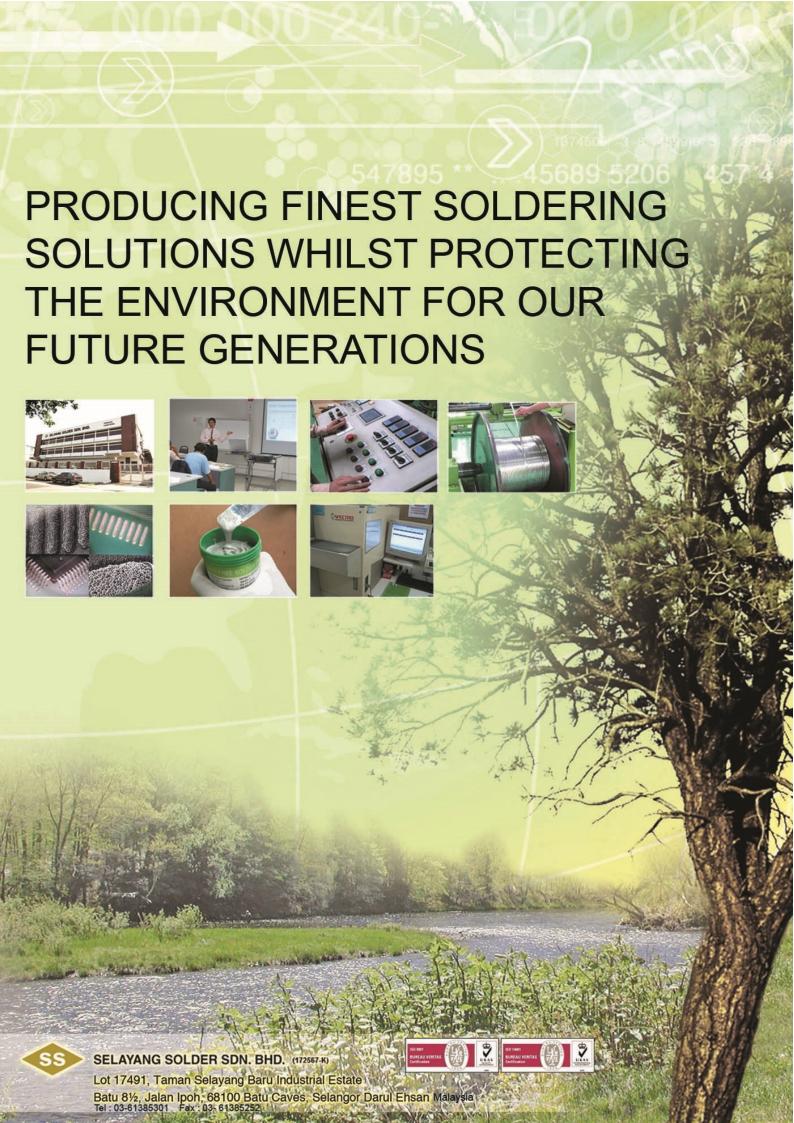
Source: New Straits Times, 15 December 2023

Chinese Firms Look for Assembly of High-End Chips

Malaysia is Well Placed to Secure Businesses

A growing number of Chinese semiconductor design companies are tapping Malaysian firms to assemble a portion of their high-end chips, keen to hedge risks in case the US expands sanctions on China's chip industry, sources say. The companies are asking Malaysian chip packaging firms to assemble a type of chip known as graphics processing units (GPUs), according to three people

with knowledge of the discussions. The requests only encompass assembly - which does not contravene any US restrictions - and not fabrication of the chip wafers, they said. Some contracts have already been agreed, two of the people added. The people declined to disclose the names of the companies involved or to be identified, citing confidentiality agreements.



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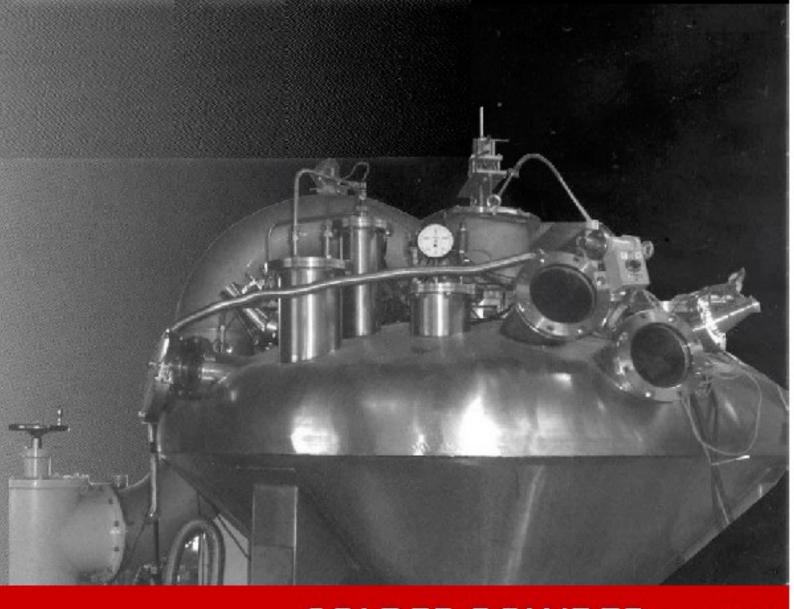
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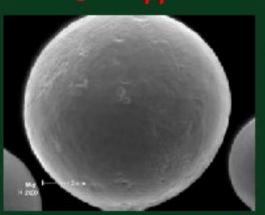
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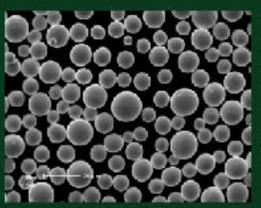
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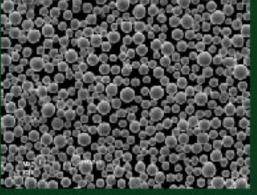


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Seeking to limit China's access to high-end GPUs that could fuel artificial intelligence (AI) breakthroughs or power supercomputers and military applications, Washington has increasingly placed restrictions on their sales as well as on sophisticated chip-making equipment. As those sanctions bite and an Al boom fuels demand, smaller Chinese semiconductor design firms are struggling to secure sufficient advanced packaging services at home, analysts have said. Some of the Chinese companies are interested in advanced chip packaging services, two people said. Advanced packaging of chips can significantly improve chip performance and is emerging as a critical technology in the semiconductor industry. This sometimes involves the construction of chiplets where chips are packaged tightly to work together as one powerful brain. Although not subject to US export restrictions, it's an area that can require sophisticated technology which the firms worry might one day be targeted for curbs on exports to China, the two people added.

Malaysia, a major hub in the semiconductor supply chain, is seen as well placed to grab further business as Chinese chip firms diversify outside of China for assembling needs. Unisem, majority owned by China's Huatian Technology, and other Malaysian chip packaging companies have seen increased business and inquiries from Chinese clients, said one source who was briefed on the matter. Unisem chairman John Chia declined to comment on the company's clients but said: "Due to trade sanctions and supply chain issues, many Chinese chip design houses have come to Malaysia to establish additional sources of supply outside of China to support their business in and out of China." Chinese chip design firms also see Malaysia as a good option because the country is perceived as being on good terms with China, is affordable, with an experienced workforce and sophisticated equipment, two of the sources said. Asked whether accepting orders to assemble GPUs from Chinese firms could potentially provoke US ire, Chia said Unisem's business dealings were "fully legitimate and compliant" and the company did not have the time to worry over "too many possibilities".

He noted that most of Unisem's customers in Malaysia were from the United States. The US Department of Commerce did not respond to requests for comment. Chinese companies are also interested in having their chips assembled outside China as that could also make it easier to sell their products in non-Chinese markets, said one source, an investor in two Chinese chip startups. Malaysia currently accounts for 13% of the global market for semiconductor packaging, assembly, and testing and is aiming to boost that to 15% by 2030. Chinese chip firms that have announced plans to expand in Malaysia include Xfusion, a former Huawei unit. It said in September it would partner with Malaysia's NationGate to manufacture GPU servers – servers designed for data centres and which are used in AI and high-performance computing. Shanghai-based StarFive is also building a design centre in Penang, and chip packaging and testing firm TongFu Microelectronics said last year it would expand its Malaysia facility - a venture with US chipmaker AMD.

Offering an array of incentives, Malaysia has attracted multi-billion dollar chip investments. Germany's Infineon said in August it would invest US\$5.4bil to expand its power chip plant there. US chipmaker Intel announced in 2021 that it would build a US\$7bil advanced chip packaging plant in Malaysia. Chinese companies are not just choosing Malaysia. In 2021, JCET Group, the world's third-largest chip assembly and testing company, completed an acquisition of an advanced testing facility in Singapore.

Other countries such as Vietnam and India are also seeking to expand further into chip manufacturing services. The two countries are hoping to lure clients keen to minimise US-Sino geopolitical risks. — Reuters

Source: The Star, 19 December 2023

NEWS ON

ELECTRICAL & ELECTRONICS INDUSTRY

Standardised Battery Systems for Electric **Bikes**

The electric motorcycle industry has agreed to standardise both the battery swapping system and battery storage system for future products, says Liew Chin Tong. The Deputy International, Trade and Industry Minister said this decision was reached after successful discussions between the Ministry of Science, Technology and Innovation and the Motorcycle and Scooters Assemblers and Distributors Association of Malaysia. "The industry players agreed to form a consortium that will standardise the battery swapping technology for electric motorcycles to ensure the batteries will be cross-platform compatible," he said.

The Department of Standards Malaysia is now developing a national standard for the safety, functionality and environment sustainability of battery swapping technology. "The government is also open to strategic partnerships with foreign electric motorcycle players in this regard," he said. In addition to stakeholder input, he added that the national standard would also reference existing international Organization for Standardization, International Electro-technical Commission and United Nation Regulations. "The national standard is expected to be finalised and announced by 2024," he said.

Liew was responding to Lee Chean Chung (PH-Petaling Jaya) who inquired about the government's mid-term plan for the development of battery swapping technology in Malaysia. Lee also asked about possible incentives for the public to adopt electric motorcycles with battery-swapping technology. On this, Liew said Budget 2024 had introduced a RM2,400 rebate for Malaysians earning under RM120,000 annually to purchase electric motorcycles.

Source: The Star, 1 November 2023

US Firm Enovix to Invest RM5.8bil in Malaysia

Silicon Battery Player Says Country is Business-Friendly

Enovix Corp, a United States-based advanced silicon battery firm, is making a total investment of RM5.8bil over 15 years to establish a high-volume manufacturing facility in Malaysia. The company's

investment plan was disclosed to Prime Minister Datuk Seri Anwar Ibrahim during a meeting on the sidelines of the Asia-Pacific Economic Cooperation

or Apec summit in the United States. In a joint statement, Malaysian Investment Development Authority (Mida) and Enovix said the first manufacturing line, amounting to RM315mil, is set to be developed in line with the announcement made in August 2023. The manufacturing line, in collaboration between Enovix and YBS International Bhd, will be based in Penang. Enovix chief operating officer Ajay Marathe noted that the decision to choose Malaysia for its first high-volume manufacturing facility was an easy one.

This is thanks to over three decades of close collaboration with Malaysian government authorities and successful management of numerous large factories. "Malaysia's deep pool of technical talent, business-friendly environment and close proximity to our vendors and our customers' manufacturing facilities make it an ideal location for us to help develop the battery supply chain ecosystem and manufacture and scale our next-generation batteries," he added. The Investment, Trade and Industry Ministry sees the move by Enovix as a testament to Malaysia's attractiveness as a preferred investment destination in South-East Asia for advanced technology companies.

Its minister Tengku Datuk Seri Zafrul Abdul Aziz believes Enovix's investment promises significant local spillover impact, which includes the creation of substantial high-quality job opportunities for Malaysians, and the enhancement of the nation's industrial landscape. "Enovix's establishment of its hi-tech battery technology facility in Malaysia is in perfect alignment with the missions of our New Industrial Master Plan 2030," he added.

Meanwhile, Mida chief executive officer Datuk Wira Arham Abdul Rahman is pleased by Enovix's dedication to Malaysia. He acknowledged that its presence in the country will act as a catalyst for nurturing mutually advantageous partnerships with local stakeholders, especially in the battery technology industry.

"As Enovix lays down its foundations in Malaysia, we foresee its transformation into a key industry collaborator and contributor to our economic progress and development," he noted. He added that Enovix's investment in Malaysia is testament to the company's trust in the country's capabilities and workforce, and fortifies Malaysia's research and development ecosystem.

Enovix, listed on Nasdaq and headquartered in the United States, has a global presence with locations in India, South Korea and Malaysia. The company's cutting-edge battery technology finds applications in diverse sectors, including the Internet of Things, mobile, computing devices and vehicles. Currently, Enovix Malaysia Sdn Bhd is in the process of installing machinery and is anticipated to commence full operations in 2024.

Source: The Star, 17 November 2023

MALAYSIAN TIN STATISTICS

(In Tonnes)

Period	Production of Tin-In- Concentrates	Imports of Tin-In- Concentrates	Refined Tin Production	Local Consumption	Exports of Tin Metal
2019 2020 2021 2022	3,611 2,963 3,013 3,517	25,644 22,288 322 18,043	24,387 22,367 16,634 19,442	1,441 1,512 1,156 1,152	24,418 22,597 16,441 19,299
2020 Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec	3,596 289 266 162 36 252 278 272 277 292 295 272 272	25,644 2,136 1,449 1,105 1,198 2,187 1,927 1,972 2,785 2,398 1,565 1,536 2,030	24,387 2,314 1,880 1,228 1,110 1,344 1,926 1,819 2,672 2,057 2,078 1,974 1,965	1,441 93 119 71 75 99 190 150 151 138 146 125 155	24,418 2,180 2,226 1,191 933 1,516 1,644 2,240 2,290 2,198 2,126 2,108 1,945
2021 Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct Nov. Dec	278 257 290 294 262 44 204 233 262 292 270 294	28 29 46 47 26 0 21 19 59 16 10 21	1,639 1,847 2,041 1,680 1,861 695 973 1,115 1,221 1,349 1,086 1,127	145 70 113 115 91 86 84 86 85 98	1,770 1,765 1,982 1,836 1,638 894 507 1,085 1,599 1,165 1,172 1,028
2022 Jan. Feb. Mar. Apr. May Jun. Jul. Aug Sep. Oct. Nov. Dec.	234 252 306 273 276 285 303 338 325 322 271 331	1,173 1,162 1,258 1,511 1,660 1,729 1,475 1,397 1,313 1,842 1,454 2,069	1,332 1,160 1,653 1,417 1,143 1,730 1,886 2,211 1,592 1,692 1,702 1,924	106 108 89 117 82 76 100 94 83 82 117	1,305 1,017 1,659 1,431 1,333 1,481 1,494 2,402 1,948 1,431 1,622 2,176
2023* Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov. Dec.	327 301 316 297 315 304 316 309 290 n.y.a n.y.a n.y.a	1,482 1,715 1,920 1,374 1,617 1,416 2,096 1,485 1,837 1,631 n.y.a n.y.a	1,780 1,561 2,054 1,513 1,848 1,453 1,912 1,664 1,591 2,076 n.y.a n.y.a	94 118 113 89 103 87 75 57 73 132 109 110	1,388 2,015 2,138 1,651 1,730 1,724 1,557 1,778 1,535 2,062 n.y.a n.y.a

: Preliminary

: Department of Mineral and Geoscience Malaysia Sources

Malaysia Smelting Corporation Bhd.

: not yet available n.y.a

MALAYSIA'S DOMESTIC TIN CONSUMPTION

(In Tonnes)

PERIOD	TOTAL CONSUMPTION	SOLDER *	TINPLATE	PEWTER	OTHERS *
2019	1,441	695	639	19	88
2020	1,512	738	626	8	140
2021	1,156	395	710	6	45
2022	1,152	400	639	9	104
2023	1,161	555	485	5	116
2020					
Jan.	93	40	48	0	5
Feb.	119	62	52	0	5
Mar.	71	22	45	0	4
Apr.	75	19	53	0	3
May.	99	49	44	0	6
Jun.	190	74	67	3	46
Jul.	150	84	55	3	8
Aug.	151	49	65	0	37
Sep.	138	85	46	0	7
Oct.	146	77	59	0	10
Nov.	125	78	40	2	5
Dec.	155	99	52	0	4
2021					
Jan.	145	73	66	1	5
Feb.	70	30	37	0	3
Mar.	113	40	68	0	5
Apr.	115	39	68	1	7
May	91	40	46	0	5
Jun	86	29	50	0	7
Jul.	84	20	64	0	0
Aug.	86	25	57	0	4
Sep.	85	30	53	2	0
Oct.	98	29	69	0	0
Nov.	91	20	69	2	0
Dec.	92	20	63	0	9
2022					
Jan.	106	27	56	0	23
Feb.	108	35	69	1	3
Mar.	89	24	58	1	6
Apr.	117	39	67	1	10
May.	82	24	54	0	4
Jun.	76	20	50	0	6
Jul.	100	25	62 54	2	11
Aug.	94 83	30 40	54 25	0	10 7
Sep. Oct.	83 82	40 30	35 41	1 1	7 10
Nov.	82 117	57	50	1	9
Dec.	98	57 49	43	1	9 5
2023	30	48	40	I	J
	04	60	31	0	2
					ο 2
	110	70	20		5
	80		30		8
					14
			30		2
			48		7
					10
	132		7 4 56		
	109		52		
Dec.	110	40	53	0.1	17
Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov.	94 118 113 89 103 87 75 57 73 132 109	60 68 79 41 50 55 20 20 27 55	31 40 29 39 38 30 48 27 42 56	0 1.5 0.1 1 1.1 0.1 0.1 0.1 0.2 0.1	3 8 5 8 14 2 7 10 4 21

Malaysia Smelting Corporation Bhd Sources

Perstima Bhd

The figures include high-grade tin (99.9% Sn) imported for consumption. Local consumption of tin metal refers to the use of tin in a particular application.

Note

Sales to manufacturing industries have been used as proxy for consumption except in the case of manufacture of tinplate which are actual tin consumption data.

WORLD STOCKS OF REFINED TIN

(In Tonnes)

Period	LME Stock	Total Country Stocks	US Strategic Stockpile
2017	2,235	19,245	4,020
2018	2,165	16,790	4,020
2019	7,130	23,217	4,020
2020	1,890	22,129	4,020
2021	2,045	21,737	4,020
2022	2,880	21,827	4,020
2023	7,685	n.y.a	n.y.a
2020 Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	6,630	22,546	4,020
	7,440	22,431	4,020
	6,205	22,211	4,020
	5,375	22,094	4,020
	2,455	22,183	4,020
	4,230	22,330	4,020
	3,675	22,268	4,020
	5,040	22,143	4,020
	5,550	22,480	4,020
	4,533	22,398	4,020
	3,805	22,290	4,020
	1,890	22,129	4,020
2021 Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov. Dec.	820 1,745 1,740 1,245 755 2,015 2,290 1,395 1,235 670 1,285 2,045	22,366 23,044 21,579 21,589 21,589 21,539 21,499 21,487 21,508 21,508 21,508 21,737	4,020 4,020 4,020 4,020 4,020 4,020 4,020 4,020 4,020 4,020 4,020 4,020 4,020
2022 Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct Nov Dec	2,390	22,051	4,020
	2,245	22,076	4,020
	2,000	21,941	4,020
	2,010	22,267	4,020
	1,990	22,248	4,020
	2,765	22,352	4,020
	3,330	21,827	4,020
	4,065	21,787	4,020
	9,440	21,827	4,020
	4,255	21,857	4,020
	2,930	21,827	4,020
	2,880	21,827	4,020
2023 Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec.	3,015 2,950 2,345 1,525 1,895 3,490 5,275 6,370 7,350 7,355 8,110 7,685	n.y.a n.y.a n.y.a n.y.a n.y.a n.y.a n.y.a n.y.a n.y.a n.y.a n.y.a	4,020 n.y.a

Source: World Bureau of Metal Statistics

KLTM & LME TIN PRICES

		KLTM		LME CASH
Period	Average	Price (*)	Total Turnover	Average Price
	(USD / Tonne)	(RM / Kg)	(Tonnes)	(USD / Tonne)
2017	20,029	86.12	8,890	20,098
2018	20,151	80.99	9,075	20,168
2019	19,168	79.11	6,445	18,671
2020	17,504	72.97	4,088	17,134
2021	26,589	108.88	1,955	32,584
2022	41,007	171.75	21	31,384
2023	N.T	N.T	N.T	25,973
2020				
Jan	17,014	69.42	406	17,056
Feb	16,536	68.85	354	16,457
Mar	16,417	69.47	236	15,321
Apr	CLOSED	CLOSED	CLOSED	15,039
May	15,110	65.65	268	15,410
Jun Jul	16,605	71.03	374	16,806
-	17,287	73.79	358	17,452
Aug	17,515 17,846	73.47 74.12	343 444	17,672 17,946
Sep Oct	17,846 18,026	74.12 74.9	383	17,946
Nov	18,433	74.9 75.84	413	18,568
Dec	19,693	79.9	509	19,727
2021	19,095	13.3	303	13,727
Jan	22,085	89.25	314	21,955
Feb	25,965	105.05	456	26,717
Mar	26,162	107.64	494	27,396
Apr	27,106	111.89	327	28,427
May	31,132	128.61	298	32,524
Jun	31,857	131.49	61	32,678
Jul	CLOSED	CLOSED	CLOSED	34,183
Aug	CLOSED	CLOSED	CLOSED	35,205
Sep	CLOSED	CLOSED	CLOSED	35,048
Oct	CLOSED	CLOSED	CLOSED	37,962
Nov	CLOSED	CLOSED	CLOSED	39,333
Dec	39,500	166.58	5	39,574
2022				
Jan	41,007	171.75	21	41,807
Feb	N.T	N.T	N.T	44,118
Mar	N.T	N.T	N.T	44,249
Apr	N.T	N.T	N.T	43,122
May	N.T	N.T	N.T	35,945
Jun	N.T N.T	N.T N.T	N.T	31,777
Jul.	N.1 N.T	N.T N.T	N.T N.T	25,173
Aug. Sep.	N.1 N.T	N.T N.T	N. I N.T	24,520 21,258
Oct.	N.T	N.T	N.T	19,406
Nov.	N.T	N.T	N.T	21,136
Dec.	N.T	N.T	N.T	24,099
2023				,
Jan	N.T	N.T	N.T	28,081
Feb	N.T	N.T	N.T	27,070
Mar	N.T	N.T	N.T	24,014
Apr	N.T	N.T	N.T	25,886
May	N.T	N.T	N.T	25,610
Jun	N.T	N.T	N.T	27,263
Jul.	N.T	N.T	N.T	28,751
Aug.	N.T	N.T	N.T	25,995
Sep.	N.T	N.T	N.T	25,559
Oct.	N.T	N.T	N.T	24,618
Nov.	N.T	N.T	N.T	24,221
Dec.	N.T	N.T	N.T	24,606

: As from 1 February 2001, KLTM price is quoted in US Dollar

(*) KLTM's monthly average price is arrived at on a weighted average

against total tonnage basis.

Malaysian Ringgit to US Dollar exchange rate was unpegged on 22.8.2005

N.T : No Transaction

LEAD COPPER SILVER

LME PRICES & STOCKS				
	Cash	Stocks		
Period	Settle- ment	Period End		
	(US\$ / Tonne)	(Tonnes)		
2019	1,899.25	66,200		
2020	2,018.60	133,175		
2021	2,304.79	54,375		
2022 2023	2,212.48 2,036.39	24,283 130,743		
2020	2,000.00	100,1.10		
Jan	1,925.16	66,800		
Feb Mar	1,872.30 1,744.64	68,100 70,900		
Apr	1,744.64	73,650		
May	1,618.16	75,825		
Jun	1,739.86	66,500		
Jul	1,812.15	118,150		
Aug Sep	1,935.20 1,881.36	124,900 137,000		
Oct	1,777.07	124,400		
Nov	1,914.48	112,700		
Dec	2,018.60	133,175		
2021 Jan	2,214.93	96,775		
Feb	2,085.75	94,625		
Mar	1,960.76	119,550		
Apr	2,006.33	110,575		
May Jun	2,185.92 2,188.98	97,325 80,250		
Jul	2,100.90	59,750		
Aug	2,428.52	52,250		
Sep	2,257.25	51,000		
Oct Nov	2,339.45 2,347.57	55,000 56,775		
Dec	2,304.79	54,375		
2022	,	,		
Jan	2,342.70	54,006		
Feb Mar	2,299.90	49,196 39,846		
Apr	2,359.48 2,396.74	39,355		
May	2,145.17	38,485		
Jun	2,067.38	39,141		
Jul.	1,976.26 2,077.91	39,324 38 500		
Aug. Sep.	1,874.45	38,599 35,047		
Oct.	1,988.10	30,148		
Nov.	2,099.39	27,207		
Dec.	2,212.48	24,283		
2023 Jan	2,208.17	22,052		
Feb	2,098.90	23,170		
Mar	2,114.78	25,477		
Apr May	2,149.14 2,087.50	29,454 33,301		
Jun	2,067.50	38,527		
Jul.	2,106.88	47,957		
Aug.	2,151.73	55,826		
Sep.	2,252.86	63,544		
Oct. Nov.	2,136.39 2,185.07	101,134 135,017		
Dec.	2,103.07	130,743		
	don Metal Excl	·		

LME PRICES & STOCKS				
Period	Cash Settle- ment	Stocks Period End		
	(US\$ / Tonne)	(Tonnes)		
2019	6,062.43	144,675		
2020	7,755.24	105,800		
2021	9,550.31	88,725		
2022	8,367.23	84,804 174,247		
2023 2020	8,394.11	174,247		
Jan	6,049.20	179,800		
Feb	5,686.45	216,950		
Mar	5,178.68	221,200		
Apr May	5,048.25 5,233.82	251,475 255,725		
Jun	5,742.39	213,325		
Jul	6,353.76	126,675		
Aug	6,496.70	88,250		
Sep	6,712.41	163,125		
Oct	6,702.77	169,600		
Nov Dec	7,063.43 7,755.24	149,925 105,800		
2021	7,755.24	105,600		
Jan	7,970.50	74,275		
Feb	8,460.25	74,200		
Mar	9,004.98	143,775		
Apr	9,335.55	137,400		
May	10,183.97	120,700		
Jun Jul	9,612.43 9,433.59	211,975 238,650		
Aug	9,357.19	252,725		
Sep	9,324.07	217,175		
Oct	9,778.50	131,300		
Nov	9,765.48	78,625		
Dec	9,550.31	88,725		
2022 Jan	9,775.93	90,478		
Feb	9,941.35	76,775		
Mar	10,237.59	77,259		
Apr	10,183.13	118,741		
May	9,362.81	168,371		
Jun	9,033.13	121,468 132,827		
Jul. Aug.	7,529.79 7,960.98	132,827 126,592		
Sep.	7,734.70	114,064		
Oct.	7,621.21	137,107		
Nov.	8,029.95	89,600		
Dec.	8,367.23	84,804		
2023 Jan	8,999.79	81,888		
Feb	8,955.20	65,944		
Mar	8,835.72	71,398		
Apr	8,814.00	58,283		
May	8,234.28	83,939		
Jun	8,386.23	87,876		
Jul. Aug.	8,445.26 8,351.77	61,300 88,376		
Sep.	8,270.86	143,368		
Oct.	7,939.66	179,488		
Nov.	8,173.95	178,472		
Dec.	8,394.11	174,247		

LONDON SPOT PRICES		
	London	
Period	Spot	
	(US Cents / Troy Oz)	
2019	1,711.00	
2020	2,488.74	
2021	2,246.81	
2022	2,318.06 2,420.87	
2023 2020	2,420.07	
Jan	1,796.50	
Feb	1,792.20	
Mar	1,491.82	
Apr May	1,504.55 1,623.24	
Jun	1,771.98	
Jul	2,040.50	
Aug	2,686.25	
Sep	2,588.61	
Oct Nov	2,429.84 2,404.33	
Dec	2,488.74	
2021	,	
Jan	2,592.84	
Feb	2,734.60	
Mar Apr	2,561.35 2,564.03	
May	2,746.32	
Jun	2,698.16	
Jul	2,575.32	
Aug	2,401.64	
Sep Oct	2,330.73 2,329.64	
Nov	2,329.04	
Dec	2,246.81	
2022		
Jan Feb	2,312.85	
Mar	2,346.50 2,524.02	
Apr	2,454.11	
May	2,190.55	
Jun	2,149.03	
Jul. Aug.	1,907.62 1,975.00	
Sep.	1,883.57	
Oct.	1,936.31	
Nov.	2,099.89	
Dec.	2,318.06	
2023 Jan	2,374.81	
Feb	2,200.95	
Mar	2,191.65	
Apr	3,757.36	
May	2,419.37	
Jun Jul.	2,340.84 2,404.10	
Aug.	2,404.10	
Sep.	2,323.86	
Oct.	2,232.16	
Nov.	2,338.84	
Dec.	2,420.87	

Source : London Metal Exchange





Specialty anodes in lead and tin

- ► Extruded wave anodes
- ► Extruded solid round anodes
- ► Extruded hollow round lead anodes
- Cored anodes
- ► 12-point extruded solid star anodes
- ► 12-point extruded hollow star anodes
- ► Extruded octagonal section anodes

Small parts in lead and tin

- Metering and security seals
- ▶ Diving weights

Pewter alloys

Chemical service

- ► Extruded lead coils and pipes
- ► Bearing / anti-friction metals

Lead acid battery components

- ► Battery terminals
- ► Lead oxides
- ► Lead burning sticks
- ► Extruded cooling coils
- ▶ Busbars
- ► 12-point extruded hollow star anodes
- ► Extruded octagonal section anodes

Radiation containment

- ► Radioactive isotope containers
- ▶ Lead bricks
- Radiation protection doors and mobile shields

Sailboat / yacht accessories

▶ Boat keels / bulbs

MATERIAL AVAILABILITY

All our casting and extruded products are produced from high purity materials and are available in the following chemical composition: -

- ▶ Pure lead of 99.97% minimum
- ► Antimonial lead alloys of up to 6% antimony content
- ► Pure tin of 99.85% and its alloys

SELAYANG METAL INDUSTRIES SDN. BHD. (64855-U)

LOT 17519A, TAMAN SELAYANG BARU INDUSTRIAL ESTATE, BATU 8 1/2 JALAN IPOH. 68100 BATU CAVES, SELANGOR DARUL EHSAN.

TEL: +603-61386724 +603-61380330 FAX: +603-61365355

EMAIL: biz@selayang-metal.com

ASSOCIATION MEMBERS

Currently, the Association comprises one associate and 13 ordinary members covering the three main sectors of Malaysia's tin-based products manufacturing industry, namely the tinplate, solder and pewter sectors as listed below:

ORDINARY MEMBERS:

TINPLATE

Perusahaan Sadur Timah Malaysia Bhd (PERSTIMA)

SOLDER

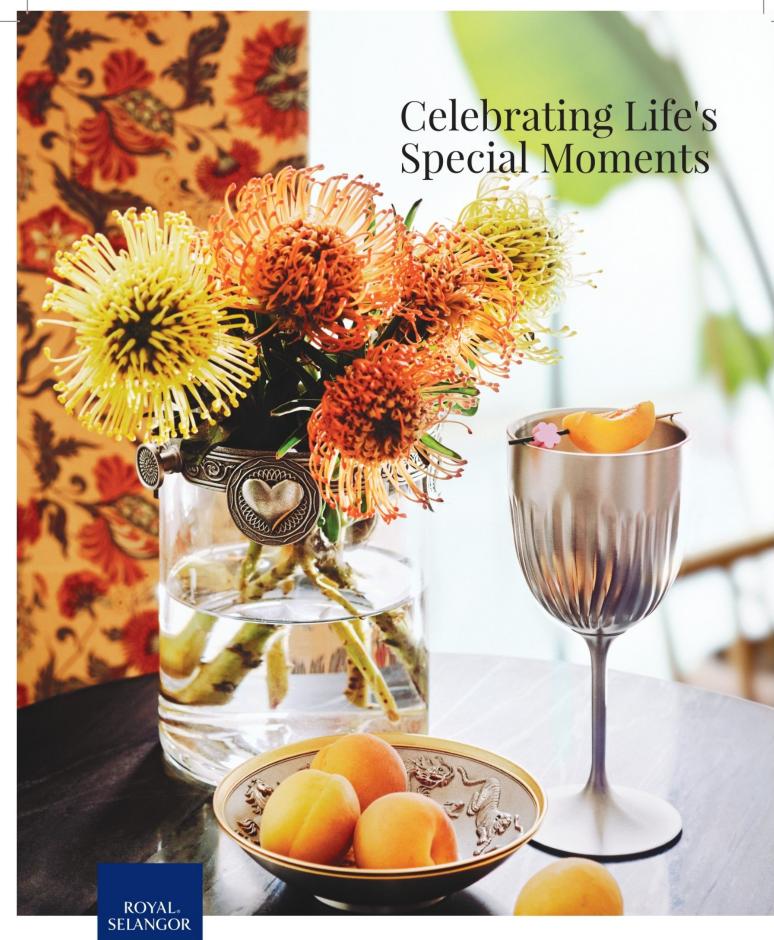
Nihon Superior (M) Sdn Bhd Premium Metal Sdn Bhd RedRing Solder (M) Sdn Bhd Rian Resources Sdn Bhd Selayang Metal Industries Sdn Bhd Selayang Solder Sdn Bhd Senju (M) Sdn Bhd Shen Mao Solder (M) Sdn Bhd

PEWTER

Oriental Pewter Sdn Bhd Royal Selangor International Sdn Bhd Selwin Pewter Sdn Bhd Tumasek Pewter Sdn Bhd

ASSOCIATE MEMBERS:

Malaysia Smelting Corporation Bhd



Royal Selangor Visitor Centre

4, Jalan Usahawan 6, Setapak Jaya, 53300, Kuala Lumpur, Malaysia 603 4145 6000 / visitorcentre@royalselangor.com



APM PREMIUM METAL SDN BHD

SERVICES PROVIDED

- Collect tin scrap and secondary waste
- ➤ Re-melt into solid metal
- To refine and remove impurities
- ➤ We have facility to check and analyse element content
- To recycle and refine tin waste become tin alloy ingot for reuse purpose



TIN ALLOY INGOT AVAILABILITY

- ➤ Tin / Lead Ingot
- ➤ Tin / Copper Ingot
- Tin / Copper / Silver Ingot
- Tin / Silver Ingot



PREMIUM METAL SDN BHD

(1159072-v)

Setia Business Park II 36, Jalan Perniagaan Setia 6, Jalan Perniagaan Setia, 81100 Johor Bahru, Johor, Malaysia.

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