MALAYSIAN TIN PRODUCTS

NEWSLETTER | QUARTERLY | JULY - SEPTEMBER 2023

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THE MALAYSIAN TIN PRODUCTS NEWSLETTER

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The Malaysian Tin Products Newsletter is published quarterly by the Malaysian Tin Products Manufacturers' Association (MTPMA). The opinions and statements expressed in the Newsletter are not necessarily those of the MTPMA or the Editorial Sub-Committee and neither endorsement nor confirmation are intended or implied.

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PRESIDENT'S NOTE

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

Dear Members,

Malaysia's Gross Domestic Product (GDP) grew at a moderate pace of 2.9% for the second quarter (Q2) of 2023. The number is lower than the 5.6% registered for the first quarter (Q1) of the year. BNM attributed the lower growth to the slower external demand or weakening export growth during the quarter. The Q2 period also witnessed several Bursa Malaysia listed companies in the E & E sector registering poorer performance compared to a year ago. However, some sectors such as consumer products and telecommunications performed better year-on-year, while the automotive and banking sectors recorded mixed results. The good news is that inflation rate for Q2 moderated to 2.8%, compared to the 3.6% registered in Q1 2023.

Based on the overall performance of the first half of 2023 (1H23), economists had forecasted a weaker growth ahead for the third (Q3) and fourth quarters (Q4). Bank Negara Malaysia (BNM), in its review of the country's economic and financial development for Q2 2023, projected the Malaysian economy to register a rate closer to the lower end of the 4.0% to 5.0% range in 2023. In terms of inflation, economists were hopeful that the uptick in the prices of goods and services would continue to be manageable this year. Hong Leong Investment Bank Research (HLIB) forecasted the 2023 inflation rate to remain at 2.8%, and that BNM would maintain the OPR at three per cent until year end.

Economists also forecasted a recovery in semiconductor sales next year due to the higher semiconductor demand.

Entering Q3, the price of tin at the London Metal Exchange continued to surge, peaking at USD29,450 per tonne on 27 July but, just as quickly, it free fell to below USD25,000 per tonne in mid-August. Thereafter, the tin price remained range bound between USD24,500 to USD26,500 per tonne for most of September. By the end of Q3, the tin price dropped to USD23,944 per tonne.

The bullish tin prices in the initial part of Q3 was due to the announcement by the Wa State authorities in Myanmar that all tin mining activities would be suspended with effect from 1 August 2023. The subsequent sharp decline in tin prices could be attributed to the weak demand for tin in China and the seemingly continuous flow of tin supply into the market, even after the enforcement of the tin mining ban by the Wa State authorities.

The development of tin supply at the international level did have its impact on the local tin-based product manufacturers. Although members enjoyed a steady and ample supply of refined tin, the sharp drop in the price of tin in the middle of August meant that members had to absorb some losses in order to be able to sell their products at competitive prices. Most manufacturers had procured refined tin at a higher cost earlier in anticipation of the shortage of refined tin due to the development in Myanmar.

In terms of market performance, members reported a significant improvement compared to Q2 2023, particularly in the electroplating and semiconductor sectors. The solder market showed a level performance, but members agreed that the solder market would improve by next year.

Apart from the dynamic market situation, members also reported having to adapt to higher standards and requirements set by their clients, mainly in product quality and treatment of labour. In particular, there were demands from them to list in detail the contents of each of the impurities in the tin products, even though they had already met the minimum standard in terms of total content of impurities. Our members also reported having to undergo an evaluation by their clients on the treatment of workers, in line with the international norm of adhering to ESG requirements. However, we are glad to know that our members did not experience any major issues relating to labour and wages.

As the situation is becoming more challenging, let us continue to believe that behind these challenges lie opportunities. I would like to urge all members to keep moving forward, stay informed with current economic and industry trends, standards and requirements, remain vigilant for any eventualities, be prepared to cushion the negative impacts to our respective businesses and keep the morale high.

On behalf of the Association, I wish to take this opportunity to encourage all members to embrace the *Naratif Ekonomi Madani* launched by the Prime Minister, which outlined the Government's economic direction on raising the living standards of Malaysians and making Malaysia Asia's leading economy. We should also welcome the launch of the New Industrial Master Plan 2030 (NIMP 2030), which saw the Government setting aside RM 9.5 billion for the fulfilment of the Plan. The Plan outlines the Government's vision of making the manufacturing sector more vibrant, competitive and capable, and to raise workers' income. Let us hope that the *Naratif Ekonomi Madani* and NIMP 2030 would come to fruition, thus benefitting the nation, especially the tin product manufacturing community.

In concluding this President's note, I wish to again express my appreciation to members for their unwavering support of the Association's activities. Together, we certainly can improve our industry further forward to benefit not only our members but also our people and nation. Thank you.
With warmest regards,

C.S Lim
President

NEWS ON ECONOMY

OPR Expected to Stay at 3PC till Year End

HLIB Research sees Malaysia's Growth Moderating and Inflation Easing

The United States Federal Open Market Committee's (FOMC) decision to raise the policy rate by 25 basis points (bps) and guidance that rates will remain high for a while has not changed Hong Leong Investment Banks's (HLIB Research) expectation that Bank Negara Malaysia will keep the Overnight Policy Rate (OPR) unchanged at three per cent until year end. The research firm said growth was anticipated to moderate while inflation eased.

"As anticipated, the FOMC unanimously decided to raise the rate of 5.25 to 5.5 per cent after a brief reprieve. While the latest economic data shows slower headline and core inflation momentum, Federal Reserve (Fed) policymakers would remain data-dependent and assess further incoming data (two more inflation data points) before they evaluate the need for another rate hike in the Sept 19-20 FOMC meeting," it said in a note yesterday. HLIB Research said Fed chairman Jerome Powell emphasised that rates could remain high for some time, pushing back any expectations of rate cuts later this year or early next year.

Source: New Straits Times, 28 July 2023

Inflation Likely to Stay Moderate till Year End

Economists are hopeful that the uptick in the prices of goods and services will continue to be manageable this year, in light of moderating inflation. The Statistics Department reported last Friday that headline inflation had cooled to 2% year-on-year (y-o-y) last month, down from 2.4% posted in June. Amidst the data, it was also revealed that for the first seven months of 2023, headline inflation was at 3% y-o-y, which had also decelerated compared to 3.3% in the corresponding period of 2022.

In the meantime, July's core inflation had also slowed to 2.8% y-o-y compared to June's 3.1%, although for the period from January to July 2023, it is still higher at 3.5% when seen against 3% last year. Sunway University's Dr Yeah Kim Leng said while the high base in 2022 has had a moderating effect on this year's inflation, its momentum has eased significantly as evident in the marginal 0.1% month-on-month (m-o-m) rise in July, down from 0.2% in the previous month.

"These were 0.6% and 0.4% in June and July last year. Cost-push pressures have subsided while the normalisation of the overnight policy rate (OPR) has had a moderating impact on domestic demand, especially consumer spending," he told StarBiz.

In addition, he pointed out that other factors that have reduced demand include softening external demand that has resulted in the slowdown in exports and industrial production. On the other hand, Yeah is careful to note that although food price inflation has eased from 4.7% in June, it is still elevated at 4.4%. He elaborated that India's rice export ban has partially disrupted the global rice trade, giving rise to concerns that the imported price of rice, a staple food, may rise sharply.

"Inflation for this year will likely ease to the lower end of the 2.8% to 3.8% range as forecast by the central bank. With monthly core inflation averaging 3.5% in the first seven months, its gradual tapering suggests that headline inflation for the full year will be around 3%."

Meanwhile, chief executive for Centre for Market Education, Dr Carmelo Ferlito, believes the slowing down of Malaysia's money supply, coupled with a pullback in domestic consumption, could also have led to the reduced inflation rate. He highlighted two main factors to look out for that will influence the rate of inflation – monetary policy decisions and the behaviour of the global economy. More importantly, he said, it is not only the OPR that needs attention but also the control of money supply in relation to gross domestic product growth, which is also crucial.

"However, inflation risk remains biased to the upside amid the fluid policy on price subsidies and controls. The government has started to implement targeted subsidies, beginning with electricity at the start of this year. Next is the implementation of targeted fuel subsidies, potentially next year that will also end the benefits to high-income households. At the same time, we are mindful of El Nino-related food inflation risks," said Maybank IB in a note.

Similarly, Hong Leong Investment Bank Research said lower commodity prices and a high base effect, on top of demand-pull price pressures, are also likely to moderate further as global and domestic growth continues to slow. Considering these factors, it is lowering its 2023 inflation forecast to 2.8% y-o-y, which is still on the lower end of Bank Negara's official forecast range, while reiterating its anticipation that the central bank will keep the OPR unchanged at 3% until year-end.

Source: The Star, 29 August 2023

All Sectors Have Vital Role to Play in NIMP 2030

The New Industrial Master Plan 2030 (NIMP 2030) aims to make the national manufacturing sector more vibrant, competitive and capable, and to raise workers' incomes. NIMP 2030 will attain these objectives by advancing economic complexity, enhancing digitalisation, striving for net-zero carbon emission and ensuring economic security and inclusivity. The enablers for these efforts are the strengthening of the financial eco-system, talent development, ease of doing business, especially for investors, and good governance for the whole country and society. This master plan is timely in order to overcome the current declining role of manufacturing, from about 28 per cent of gross domestic product in the 1990s to just about 22 per cent now, and to put back on track the growth and share of manufacturing employment, which had also declined.

This is different from the past master plans, which were merely concerned with changes in sectoral production, but did not factor in the issues of environment and inclusivity. As said by many, a public policy and plan is only as good as its implementation. Otherwise it is just an academic exercise. Thus, the whole development machinery has to be mobilised to support the implementation of NIMP 2030. As stated by Tan Sri Noor Azlan Ghazali, NIMP 2030 needs a "whole of nation effort" to ensure its implementation. In other words, all and sundry, political leadership included, have to give their whole support and assume the role of facilitators of the NIMP 2030, a policy which the nation really needs given the challenging global environment and competition for international capital and investment flows.

Manufacturing is an essential secondary sector to support overall economic growth and development, and the structural complexity of the general economy. If it is properly planned, it will support the primary sectors, promote the services industries, and assist the growth of the nation's exports. It can also assume the role as a conduit of technology enhancement and skills formation, especially in higher-income occupations. Other supporting areas that need to be looked into are the supply of energy and other utilities, making available skilled manpower, and preparing modern industrial sites with adequate housing and recreational facilities for management and the workforce.

The Economy Ministry has a significant role in ensuring that these facilities are included in the five-year Malaysia Plans. Equally important, is the coordination with colleges and universities to ensure adequate skilled workers and talent. On this point, I note the interest of Universiti Malaysia Pahang, in particular its chairman, Tan Sri Abdul Aziz Abdul Rahman, who had visited the Malaysian Investment Development Authority to enquire about the skills and talent required by the recently approved investments, in order to assist the university plan and prepare courses and training. While the above may relate to the functions of Federal Government agencies, state government bodies have equally critical roles in assisting the implementation of NIMP 2030, such as in land acquisition, roads and drains, water supply and solid waste disposal.

Local authorities have vital roles in helping investors in matters related to the location of the factories and their demand for local services, such as roads and clean drains. The role of state and local governments are no less vital as the NIMP 2030 talks about inclusivity and the need for better environmental management, which are the jurisdictions of local authorities. The nation from now on should focus more on local level planning to extend the reach of economic development and industrialisation. We must do this lest the pull of the Klang Valley will continue unabated and dominate even more of the country's economy.

Source: New Straits Times, 7 September 2023

Comprehensive Action Plan to Spur Growth

New Mapping Necessary to Account for the New Madani Economy Framework

The Mid-Term Review (MTR) of the 12th Malaysia Plan (12MP) is expected to have a new comprehensive action plan that focuses more on the implementation of "mega" infrastructure projects to spur growth and broaden the rakyat's income base. The six-day special sitting of the Dewan Rakyat starts at 10am today with the tabling of the 12MP MTR by Prime Minister Datuk Seri Anwar Ibrahim. The next five days will be to debate the plan. A new mapping is necessary to take into the Madani Economy Framework launched by Anwar recently.

Independent economist Julian Suresh Sundaram told the New Straits Times the comprehensive review of the revival of mega projects, especially those related to infrastructure. They include the national 5G network rollout, Central Spine Road,

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East Coast Highway 3, West Coast Expressway, East Coast Rail Link, the Bayan Lepas Light Rail Transit in Penang, Mass Rapid Transit Line 3 and the remaining phase of the Pan Borneo Highway. Given the Madani Economy goals, he believes that the MTR will likely shift towards being more human-centric with a broadening of the income base.

"Towards this end, small and medium enterprises will also benefit, given their strong local linkages. Given the plan's environmental and information technology goals, companies involved in green technology as well as tech startups will see greater resource allocation and support from the government." Malaysian Institute of Economic Research economist Dr Shankaran Nambiar said two areas that would receive significant government attention were green economy and energy transitioning, and digitalisation.

"The green economy is slated to be a cornerstone of Malaysia's future development, aligning with global efforts to combat climate change. Investments into sustainable technologies, renewable energy and eco-friendly practices are expected to surge as Malaysia solidifies its commitment and environmental stewardship." Economy Minister Rafizi Ramli said on Saturday the 12MP MTR would encompass 17 policy shifts or radical approaches, in line with the current economic situation. However, Singapore Institute of International Affairs senior fellow Dr Oh Ei sun said looking at the country's sluggish (growth) and the government's checkered finances, "it will be hard to expect that implementation will be carried out forthwith".

The government, under former prime minister Datuk Seri Ismail Sabri Yaakob, had previously allocated RM400 billion as development expenditure for the 12MP, which was higher than 11MP's RM248 billion allocation.

Source : New Straits Times, 11 September 2023

Midterm Review Unlikely to have Big Impact on Ringgit, Equities

The mid-term review of the 12th Malaysia Plan (12MP), while significant on a national scale, does not create significant waves in the local stock market or have a substantial effect on the ringgit. International investors remain primarily concerned with the relative attractiveness of Malaysian equities, analysts said. Local investors continue to seek better returns abroad due to the persistent struggles of domestic listed companies. Malaysia University of Science and Technology economist Dr Geoffrey Williams viewed that the current situation is the same as before the 12MP review and there will be no particular effect on the local stock market or the ringgit. He believes that Bursa and equities return was bad before and will continue to be bad in the future.

"International investors do not really focus on policy announcements unless they are connected to specific stocks. They care about the relative performance of Malaysian equities compared to alternatives in other countries," he told the New Straits Times. Williams said local investors are predominantly government-linked companies (GLICs), and their investments in local equities are influenced by their strategic asset allocations (SAAs). He also observed that they continue to invest overseas due to the poor performance of listed companies on Bursa Malaysia. This situation has not changed as a result of the elections.

"For the exchange rate policy announcements are not relevant compared to geopolitical issues and actual performance. Investors will wait to see the implementation and outcome of the policies not just the announcements," he noted. Bank Muamalat Malaysia Bhd chief economist and social finance head Mohd Afzanizam Abdul Rashid said the 12MP mid-term review mostly only addressed the mid to long-term issues. He added that it will take some time for us to see the outcome for the local note or the Bursa movement.

"In that sense, it may not translate movement in the ringgit immediately," he said.
Afzanizam noted that the ringgit will continue to hover in the range of RM4.66 to RM4.68 versus the greenback. However, he said the quarterly forecasts released by the US Federal Reserve after the meeting on Sept 19-20 will provide more insight into its future monetary policy direction for the near term and next year. Independent economist Julian Suresh Sundaram said the mid-term review announcement will not have an effect on the ringgit as it follows the US dollar. He explained that if we consider the longer term, it could be positive for the ringgit. This is because improvements in government finances, such as increased revenues and reduced expenditures, would enhance the

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attractiveness of bonds and attract more inflows. Good quality growth and managing inflation well without handing out money but rather improving earning capabilities will naturally drive the ringgit stronger against the greenback and its peers.

"These are however longer-term trends and will depend on the progress of the economy. All will be moot however if China collapses. "We are but a small boat in a large ocean, it will be prudent to concentrate on maintaining the integrity of the financial system, stability of government finances, ease of business and strong regulations for businesses and consumers and ensuring inflation remains stable," he said.

Source: The Star, 13 September 2023

NEWS ON SEMICONDUCTOR INDUSTRY

Bosch Opens Chip Test Centre in Malaysia

Robert Bosch has opened a new test centre for chips and sensors in Penang for €65mil (RM323.2mil) and plans to invest a further €285mil (RM1.4bil) by the middle of the next decade, according to the German technology group. Up to 400 jobs will be created by the mid-2030s, it added. Bosch currently carries out most of the final testing of its semiconductors from its factories in Reutlingen, Germany, Suzhou, China as well as Hungary. - Reuters

Source: The Star, 2 August 2023

Improved Earnings Forecast for Second Half

The technology sector will likely register stronger earnings in the second half (2H) of this year in tandem with the anticipated rebound in global semiconductor sales. However, a full-blown recovery of the sector remains uncertain due to persistent headwinds in the global market. As such, RHB Research maintained its "neutral" outlook on the technology sector. "Given a seasonally stronger 2H for the technology sector (on short-term inventory replenishment), the market is now looking ahead, aggressively pricing high growth prospects into 2024 and potential new customer wins," the brokerage said. "Still, our ground checks and anecdotal evidence from the supply chain suggest that the upsurge is seasonal, and a slowdown may continue amid macroeconomic challenges," it added.

It pointed out that major semiconductor giants Taiwan Semiconductor Manufacturing Co and lithography machine make ASML had noted customers' cautious tone and lack of mid-term order visibility. "We believe there could be more downside to consensus estimates, given the expectation of the delay in recovery on top of cost escalation, with the loss of economies of scale," RHB Research said. It noted that based on consensus estimates, the benchmark KL Technology Index was currently trading at 28.5 time the 2024 P/E. Presently, the market expects an 11.9% contraction in earnings per share (EPS) for the technology sector in 2023 before seeing a growth of 25.6% in the 2024 EPS. RHB Research argued that its valuation for the sector was fair. The brokerage said it had preference for technology companies with domestic-focused businesses, given the relatively stable demand.

It advocated a beta play strategy to track the global semiconductor run-up while being selective in the small-mid cap space. RHB Research listed CTOS Digital Bhd, Datasonic Group Bhd and Inari Amertron Bhd as its top sector picks. "We like CTOS Digital for its domestic-focused business, leading position, and growth prospects in its various digital solutions. For the smaller-cap space, we like Datasonic as we foresee sustained strong demand for its solutions," it explained. "For semiconductor exposure, we recommend beta play in Inari Amertron as a proxy to the industry, given its strong liquidity and potential new clients," it added.

Source : The Star, 4 August 2023

PRODUCING FINEST SOLDERING SOLUTIONS WHILST PROTECTING

Semiconductor Sectory Recovery Likely in 2024

The semiconductor industry is likely to experience a recovery in 2024 as the current inventory glut may take more time to reverse, according to CGS-CIMB Research. Given the current surge in tech stocks' share prices, investors are anticipating a rebound through the second half of 2023. However, CGS-CIMB Research said the capacity expansion undertaken by industry players, coupled with a decline in customer confidence, could continue to weigh on the sector's outlook.

"In our view, the macro demand remains generally weak despite entering a seasonally stronger period in the second half of 2023," said the research house in a report on the industry. CGS-CIMB Research projects aggregate tech sector earnings to increase by 29% in 2024 while the elevated projections for 2023 could see a correction on below par earnings from local tech firms.

The research house said the risk of further cuts to earnings expectation is being overlooked.

"The first quarter of 2023 results largely fell short of Bloomberg consensus expectations and unlikely to catch up given the weak macro environment," said CGS-CIMB Research. According to the research house, the outlook for the semiconductor industry remained challenging amid an ongoing inventory glut, as consumer sentiment in key markets such as the United States and China remained weak. This is evident by the declining consumer electronics shipment numbers for products like smartphones and personal computers and declining growth rates in global semiconductor sales.

"Local tech companies expect the weakness to extend towards the end of 2023, given the lack of demand visibility within the broader semiconductor space," said CGS-CIMB Research.

The research house has maintained an "underweight" call on the tech sector, premised on elevated valuations despite building in fairly aggressive growth expectations, as the sector is trading at 26 times rolling 12 months forward price-to-earnings ratio. Its top pick for the sector is Genetec Technology Bhd based on its sizeable exposure to the high-growth electric vehicle and energy storage space sectors and reasonable valuations. CGS-CIMB Research has an "add" call on the company with a target price of RM3.63 per share. It has downgraded Inari Amertron Bhd to a "hold" due to its current valuation adequately reflecting its radio frequency business recovery and earnings upside from new business avenues. It added that Uchi Technologies Bhd provides the highest yield in the sector, at 6% to 6.5% for financial year 2023 to 2025, given its solid free cash flow generation and sustained payouts exceeding 90%.

Source: The Star, 18 August 2023

Drop in Exports 'Not Surprising'

However, Semiconductor Sales are Expected to Recover Next Year

Economists says the double-digit drop in exports in July came as no surprise with all major indicators signalling a prolonged slowdown in external trade for 2023. A possible bright spot is higher semiconductor demand, with a recovery in semiconductor sales expected next year. The Ministry of Investment Trade and Industry announced last Friday that total trade fell by 14.4 per cent to RM216.41 billion affected by softer global demand and lower commodity prices. Exports dropped by 13.1 per cent to RM116.75 billion and imports contracted by 15.9 per cent to RM99.66 billion. Bank Muamalat Malaysia Bhd chief economist and head of social finance Mohd Afzanizam Abdul Rashid said a gloomy trade outlook was expected, especially with Global Purchasing Managers Index (PMI) for manufacturing remaining below 50 points for 11 months straight, signalling a prolonged slowdown.

"The weaknesses in China's real estate sector are taking a toll on its economy, leading to more policy responses by the authorities, especially its central bank. "The critique is that the authorities seems to not be doing enough to provide stimulus. In that sense, China's underperformance could reverberate into various parts of the world," he told the New Straits Times. He, however said that there could be a bright spot within the exports sector as World Semiconductor Trade Statistics (WSTS) forecasted growth of 11.8 per cent next year for semiconductor sales from an estimated 10.3 per cent contraction in 2023.

"This would benefit Malaysia as the smart device demand would translate into higher demand for semiconductors." University Kuala

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Lumpur business school economic analyst Assoc Prof Dr Aimi Zulhazmi Abdul Rashid said the latest trade performance report did not come as a surprise as Malaysia's trade performance continues to be on a downward trend since early this year. "The highlight is that the electrical and electronics formed the biggest segment of our export in July with 43.2 per cent (RM50.45b), which were mainly destined for major trading partners like the United States and China, that saw an uplift of 2.2 per cent and 6.1 per cent, respectively."

Source: New Straits Times, 21 August 2023

Long-term Outlook for Chip Industry Intact

Sector Working Through Excess

A lack of consumer demand for electronic goods and an inventory glut continue to weigh down the profitability of Singapore's semiconductor industry. But analysts are optimistic about its long-term prospects as they expect a boost when next-generation devices spurred by artificial intelligence (AI) come into play. For now, two of Singapore's top semiconductor equipment makers – AEM Holdings and UMS Holdings – have announced large drops in their revenues and net profits. They are the only companies listed on the Singapore Exchange that provide contract manufacturing services to global chipmakers.

While global chip sales have been ticking up in recent months, they remain way below the growth they had achieved in 2022 and the year before, when chipmakers made huge profits as the work-from-home trend induced by the Covid-19 pandemic fuelled demand for computers, cellphones and other consumer devices. Still, analysts believe the outlook for semiconductor demand in the long term remains on a path of steady growth. An added boost to chip demand may come when emerging technologies such as AI mature, unleashing a host of next-generation consumer devices and industrial equipment.

"The silicon layer has been the de facto foundation of almost all technological shifts over the past six decades and we expect generative AI will drive significant growth for compute, network and memory chips," Citibank said in a recent report. There has been an explosion of interest in generative AI, as tools such as ChatGPT showcase their ability to learn the patterns and structure of their input training data and generate new data that has similar characteristics. But for now, the semiconductor industry is still working through the excess inventory built up between the third quarter of 2020 and the second quarter of 2022, with global economic growth not giving much confidence in a rebound.

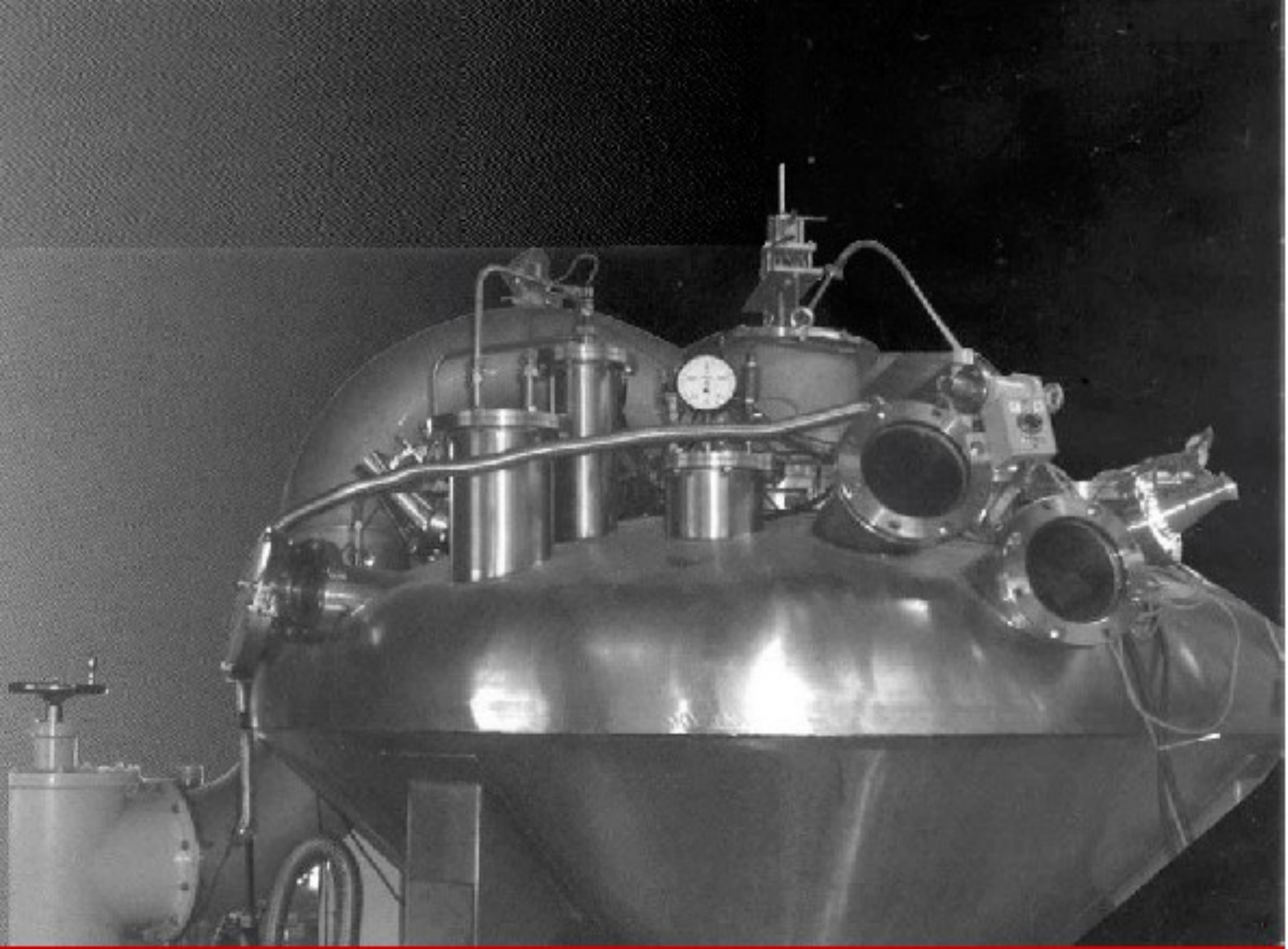
AEM – a manufacturer of semiconductor testing equipment and components with a focus on back-end testing solutions – reported a 76% drop in net profit in the first half of 2023 amid lower demand for its chip-testing services. Its revenue in the same period slid by 49%. The company also lowered its full-year 2023 sales forecast to between S$460mil (RM1.6bil) and S$490mil, from an earlier guidance of around S$500mil. The company, which in recent years has put a lot of its focus and efforts on new-generation, system-level testing equipment, said that while demand for the next-generation equipment remains strong, the overall state of the industry has led to low utilisation and constrained capital expenditure.

This has impacted Intel's next-generation device release schedule, it said. This is of significance, as analysts estimate that 90% of AEM's revenues are tied to Intel. AEM now believes that Intel's new product launches have been pushed out into 2024. The company, however, was unable to provide revenue guidance for financial year 2024 or an indication of the magnitude of a potential recovery in the near term, given the lingering market uncertainty, said Citi analyst Jame Osman.

"While this had come as a negative surprise to us considering the incrementally positive nearer-term data points from its key customer Intel, we continue to believe that the upcoming completion of its significant capacity expansion in Bayan Lepas by early 2024 should support demand for AEM's test equipment," he said, referring to its facility in Penang. Both Singapore and Malaysia in recent years have seen a host of global chipmakers announce new investment and expansion of existing facilities that are likely to help boost the business of the local precision equipment and component industry.

These investments, experts believe, are part of the supply chain diversification usually referred to as the China-plus-one strategy. — The Straits Times/ANN

Source: The Star, 21 August 2023



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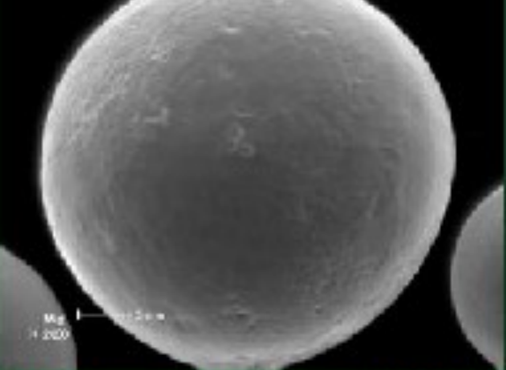

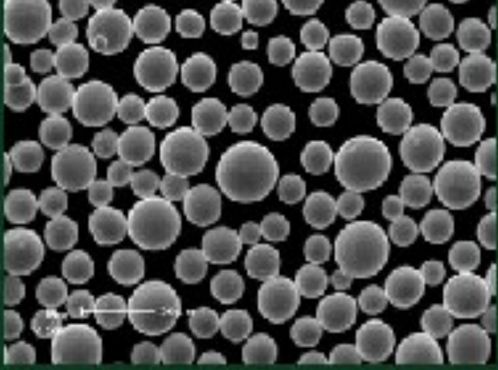

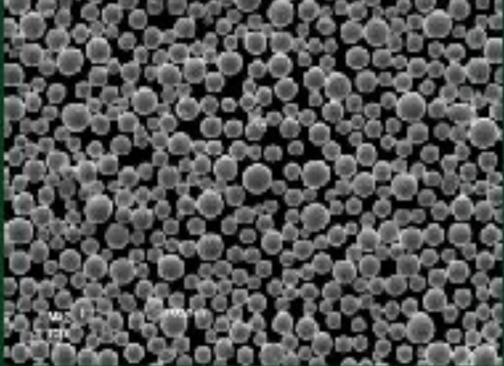

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SAM to Benefit from Semiconductor Play

The future growth of Sam Engineering & Equipment (M) Bhd would be led by its equipment division, a research house says, thanks to the company's exposure to the front-end semiconductor industry.

CGS-CIMB Research said SAM's new capacity expansion of its equipment division indicates that it will be the future growth engine. The capacity expansion was achieved following the acquisition of the Chon Buri production facility and the second phase expansion at the Rojana factories. Both facilities are expected to begin operations by the second half of 2023.

Despite the positive developments, CGS-CIMB Research warned that SAM's near-term profits are under pressure from the semiconductor downturn, with recovery only expected in the financial year ending March 31, 2025 (FY25). It is noteworthy that the company has prioritised the growth of its aerospace division since 2008.

"Should there be an unwinding of the aerospace business, we estimate that it could lead to a return to recurring return of equity of 18%, which would take our target valuation to RM6.25 per share," according to CGS-CIMB Research. In a note yesterday, CGS-CIMB Research has upgraded its call on SAM to "hold" from "reduce" previously, with a higher target price of RM4.95 per share.

"We think mid-term recovery and growth are largely priced in at current valuations," CGS-CIMB Research said.

SAM's revenue is expected to decline by 8% in the ongoing FY24 before rebounding by 27% and 24% in FY25 and FY26 respectively. This is mainly due to a 16% decline in equipment division sales, in line with softening global fab equipment spending for front-end facilities in 2023, before recovering and later growing in tandem with the overall semiconductor industry in 2024 to 2025. Meanwhile, CGS-CIMB Research estimates the aerospace division's revenue to grow by 20% compound annual growth rate in FY24 to FY26. This would be supported by the continued recovery of Boeing and Airbus production rates and deliveries.

"We see SAM's gross profit margins remaining at 11.6% in FY24, due to ongoing component and material shortages, as well as inflationary pressures and higher staff costs. Gross margins should then recover to 12% and 12.5% in FY25 and FY26 respectively, in our view, as operating conditions normalise across its business units. This could lead to core earnings per share dipping 8% in FY24, in line with weak equipment demand, startup costs in Thailand, and higher utilities and labour costs, before growing 38% and 35% in FY25 and FY26 respectively, based on our estimates," CGS-CIMB Research said.

Source: The Star, 17 August 2023

297mm x 420mm

PERSTIMA THE MANUFACTURER O

PERUSAHAAN SADUR TIMAH MALAYSIA (PERSTIMA) BERHAD
Reg. No. 197901005687 (49971-D)
(Incorporated in Malaysia)






QUALITY SYSTEM SIRIM — STANDARDS MALAYSIA ACCREDITED CERTIFICATION BODY — MS ISO / IEC 17021: 2006 QS 02121999 CB 01
MS ISO 9001 : 2015 CERT NO: MY-QMS 00311

ENVIROMENTAL SYSTEM SIRIM — STANDARDS MALAYSIA ACCREDITED CERTIFICATION BODY — MS ISO / IEC Guide 66:2000 EMS 17122002 CB 02
MS ISO 14001 : 2015 CERT NO: MY-EMS 00319

ENVIROMENTAL SYSTEM SIRIM — UKAS ENVIROMENTAL MANAGEMENT 074
MS ISO 14001 : 2015 CERT NO: MY-EMS 00319

MS SIRIM — JIS G-3303: 2008 PC 002227

MS SIRIM — MS 1076: 2012 (≥ 2.8 g/m²) PC 002228

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Crest to Boost Semiconductor Firms

The Collaborative Research in Engineering, Science and Technology (Crest) is now an agency under the Investment, Trade and Industry Ministry. Crest will play a key role in boosting Malaysia's economic complexity by providing key support towards establishing the country's first water fabrication company and five integrated circuit design companies, as outlines in the New Industrial Master Plan 2030. Crest will also be one of the agencies to position the semiconductor industry further up the global value chain.

Source: New Straits Times, 11 September 2023

US Finds a New Friend in Vietnam

Washington to Boost Ties with Hanoi as Biden Woos Country for Chip Manufacture

The United States and Vietnam plan to elevate their relations as US President Joe Biden visits the country from yesterday, with officials saying the focus of the talks will be semiconductors and critical minerals. The United States has been pushing for the upgrade for months as it sees the South-East Asian manufacturing dynamo as a key country in its strategy to secure global supply chains from China-related risks. The overhaul may be shadowed, however, by a report on Saturday that Vietnam was in talks with Russian over a new arms supply deal that could trigger US sanctions.

The New York Times cited a March Vietnamese finance ministry document laying out plans for Hanoi to pay to modernise its forces through a Vietnamese-Russian oil venture in Siberia. Reuters has seen, but not been authenticate, documents describing talks for a credit facility that Russia would extend to Vietnam to buy heavy weaponry, including anti-ship missiles, anti-submarine aircraft and helicopters, anti-aircraft missile systems and fighter jets. Hanoi is in similar talks with multiple arms supplies including the United States. In recent weeks, Vietnam has engaged in several high-level defence meetings with top Russian officials.

The upgrade will include a security dimension, Jon Finer, the US principal deputy national security adviser, told reporters yesterday, while on the plane with Biden to Vietnam from a Group of 20 summit in India. He said he had no arms deals to announce at this stage but stressed that the US and its partners could offer Vietnam to help to diversify away from Russian military supplies, an offer which he said Vietnam was respective to. That would help Vietnam reduce military reliance on Moscow, "a relationship we think they are increasingly uncomfortable with," Finer said.

A half-century after a lengthy and brutal war, the US is to evaluate Vietnam to the same diplomatic tier as China and Russia, Fine noted, as Biden and other US officials have said. Vietnamese officials have shown optimism about the expected upgrade, despite initial concerns over how giant neighbour China would react. Top Chinese officials, possibly including President Xi Jinping, are expected to visit Vietnam in the coming days or weeks, officials and diplomats said, as Hanoi seeks to maintain good relations with all superpowers.

Biden arrived at Vietnam's Presidential Palace yesterday for a formal welcome from Communist Party General Secretary Nguyen Phu Trong, Vietnam's most powerful leader. His visit comes as bilateral trade and investment ties are growing and a long-simmering territorial dispute between Vietnam and China heats up in the South China Sea. Highlighting Vietnam's growing importance as a "friendshoring" destination for US technology companies, executives from Google, Intel, Amkor, Marvell, GlobalFoundries anf Boeing are expected to meet today with Vietnamese tech executives and Secretary of State Antony Blinken in Hanoi.

Semiconductors are the centrepiece of an action pan to be adopted during Biden's visit, adding concrete deliverables to the diplomatic upgrade,

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a US official said. Many see the upgrade so far as symbolic because the Washington already effectively has close ties with Hanoi. Besides possible announcements by US corporations, it is unclear how significant the US administration's contribution to the sector could be, having only US$100mil a year for five years available under the CHIPS Act to support semiconductor supply chains globally.

A large part of it could go to Vietnam, officials said. More support to train skilled workers is also expected, as Vietnam faces a major shortage of engineers in the chips sector. Another key issue is strengthening supply chains or critical minerals, especially rare earths, of which Vietnam has the world's largest deposits after China, according to US estimates, officials said. Two people familiar with the plans said an agreement on rare earths was expected during Biden's visit, which ends on today when he flies back to America. - Reuters

Source : The Star, 11 September 2023

NEWS ON ELECTRICAL & ELECTRONICS INDUSTRY

EVE Energy Building RM1.9bil Plant in Kedah

Global lithium battery manufacturer EVE energy Co Ltd has announced the groundbreaking ceremony for its new manufacturing facility with an initial investment of RM1.9bil (US$422mil) in Kulim, Kedah. Malaysian Investment Development Authority said in a joint statement that the new factory, which will be EVE's 53rd, will focus on the production of cylindrical lithium ion batteries to support power tools and electric two-wheelers manufacturing in the country and across South-East Asia.

EVE Energy Malaysia Sdn Bhd director Joe Chen said the initial project will be constructed in phases and the construction period will not exceed three years. "This is an important milestone for EVE to expand our global businesses, enhance our comprehensive competitiveness and further grow our global market share." - Bernama

Source: The Star, 8 August 2023

HSS, Partners in Solar Plant Project

HSS Engineers Bhd and its consortium partners have accepted an award from the Energy Commission to develop a photovoltaic (PV) plant with an export capacity of 29.99 megawatts in Kuala Muda, Kedah. In a filing with Bursa Malaysia, the group said the consortium comprised its unit HSS Engineering Sdn Bhd, Shizen Malaysia Sdn Bhd, Solarvest Asset Management Sdn Bhd and Aziho Trading Sdn Bhd. It has undertaken the project to provide opportunities for businesses to participate and use of renewable energy in their operations.

Source: The Star, 16 August 2023

PIE Invests RM30mil to Diversify Product Range

PIE Industrial Bhd is investing RM30mil to renovate two plants to manufacture box-build and printed-circuit-board assembly (PCBA) products. These products are meant for high-end and critical devices and equipment in the aviation, medical and industrial electronic industries. Group managing director Alvin Mui told StarBiz both plants will have some 400,000 sq ft of manufacturing space. The plants will be equipped with new machinery and ready for production by the third quarter of 2023 and first quarter of 2024, respectively. He said the group recently sealed contracts to produce the new products for US-based customers.

"We will begin with small-scale production for some of the products this year. We will ramp up production next year. The new business will contribute about 10% to the group's revenue in 2024," Mui added. According to Mui, the aviation sector is one of the new areas with the potential to experience exponential growth. The aviation market, covering manned and unmanned air vehicles, is expected to grow at a compounded annual growth rate (CAGR) of 2.95% from 2023 to 2028.

According to the Mordor Intelligence report on "Aviation Market Size and Share Analysis – Growth Trends and Forecasts (2023-2028)", the aviation industry will increase to US$386.21bil (RM1.79 trillion) in 2028 from US$333.96bil (RM1.55 trillion) in 2023. The report said several manufacturers are now focusing on developing newer generations of aircraft in various aviation segments.

"The newer generation aircraft offer improved fuel efficiency and safety for commercial and general aviation customers and better situational awareness and tactical advantage for military customers. The advent of such aircraft is expected to drive market growth during the forecast period," it said. Mui said one of the new contracts relates to developing box-built medical equipment to detect cancerous cells in mouth and throat.

"We will manufacture the PCBA boards and integrate the electronic components into a complete medical equipment unit," he said. According to a Research and Markets report, the global medical device market, valued at about US$562.6bil (RM2.6 trillion) in 2022, will grow at a 6.2% CAGR to hit US$695.2bil (RM3.2 trillion) in 2031. "Factors such as an ageing population, increasing prevalence of chronic diseases and emerging markets with sizeable healthcare budgets will expand the medical device market," Mui said.

According to Mui, the group will also produce PCBA modules for controllers used in smart homes and industrial electronic products to detect air quality in the environment. The group's primary source of revenue and profit now is from its manufacturing segment, contributing 99%. "For electronic manufacturing services activities, comprising 83% of the manufacturing segment, orders have weakened since June from many existing customers. "This situation may continue for the next few months," Mui said.

The group remains optimistic about engaging new customers, mainly in server, medical, consumer and industrial industries, with ongoing discussions that could positively contribute to continuous growth, he said. The group's revenue from the manufacturing activity of raw wire and cable business, which constitutes 16% of payment, is also affected by the current slowdown. "We expect business to pick up in the fourth quarter this year. There is an increasing trend in copper price since the end of 2020. "However, this division can maintain its profit margin as the selling price quoted to customers is pegged to the copper price determined by the market," he said.

Meanwhile, revenue from Pan International Thailand (PIT) is expected to increase as more business opportunities are now available in Thailand. Mui said many new manufacturing activities are setting up operations in Thailand. "In addition, PIT will have an excellent opportunity to enter into the electric vehicle (EV) industry as a supplier of EV wire harnesses, given the rising EV manufacturing industry in Thailand. The trading segment will continue to promote the products of the respective parent companies for customers in the Asean market," he said.

Source: The Star, 21 August 2023

Panasonic Plans to Expand Product Range

Panasonic Manufacturing Malaysia Bhd (PMMB) is remaining cautious on growth prospects, amid continued market uncertainty. Given the uncertainties in both macro and micro economies, triggered by geopolitical concerns, inflation and rate hikes, the company said it is actively managing the supply chain and material cost challenges.

"The company will continue to focus on cost optimisation exercises and efforts to improve operational efficiency while expanding our business," it said in its annual report. Chairman Datuk Azman Mahmud said PMMB is focused on expanding the product range of its core businesses by introducing new products and new export markets, while actively seeking investment in new businesses. This is to address the loss of the contribution from the termination of our two businesses, namely rice cooker products and small kitchen appliances. The company has identified certain water-related products which are currently under the development stage and should be launched within the next financial year," he said.

Source: The Star, 21 August 2023

E&E Sector to Achieve RM120bil Value Added Target

Malaysia Productivity Corp (MPC) is optimistic that the electrical and electronics (E&E) industry will continue its upward trajectory to achieve its targeted RM120bil added value by 2025. MPC said E&E products' export value amounted to RM593bil in 2022, exceeding the 12th Malaysia Plan's 2022 target of RM495bil. The sector's added value reached RM113.2bil in 2022 against RM86.1bil at the commencement of the 12MP.

"Malaysia is now prioritising high-value front-end activities such as integrated circuit design, engineering design and wafer fabrication, and there are opportunities for the industry to enhance its ecosystem and go up to the value chain. To facilitate the growth, it is crucial to develop more local companies to cater to the industry's demand and subsequently become global champions, particularly in automation for semiconductor and integrated circuit design houses," it said in a statement.

MPC added that Electrical and Electronics Productivity Nexus (EEPN) has responded to the call by initiating several programmes to groom local companies and talents under EEPN's pillars. This will be achieved by focusing on the E&E value chain, ecosystem, small and medium enterprises' development, talent and leadership as well as sustainability and environmental, social and governance. MPC, via EEPN and the Malaysia Semiconductor Industry Association, said it welcomes economic restructuring which uses what is known as the High Growth High Value 3 initiative, which focuses on the high-value E&E industry. — Bernama

Source: The Star, 26 September 2023

NEWS ON ASSOCIATION MEMBERS

Perstima Hit by Inflation, Slowdown

Perusahaan Sadur Timah Malaysia Bhd (Perstima) says high global inflation and economic slowdown resulted in lower sales of its tin-plates in Malaysia and Vietnam. In a filing with Bursa Malaysia, the first company said its revenue for the first quarter ended June 30 fell 46% year-on-year to RM239.2mil due to reduced sales volume coupled with lower selling price. It suffered a net loss of RM9.2mil or loss per share of 7.15 sen for the quarter due to the provision of RM7.8mil, coupled with lower sales volume and reduced profit margin in the period.

Source: The Star, 17 August 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	3,611	25,644	24,387	1,441	24,418
2020	2,963	22,288	22,367	1,512	22,597
2021	3,013	322	16,634	1,156	16,441
2022*	3,517	18,043	19,442	1,152	19,299
2020	3,596	25,644	24,387	1,441	24,418
Jan.	289	2,136	2,314	93	2,180
Feb.	266	1,449	1,880	119	2,226
Mar.	162	1,105	1,228	71	1,191
Apr.	36	1,198	1,110	75	933
May.	252	2,187	1,344	99	1,516
Jun.	278	1,927	1,926	190	1,644
Jul.	272	1,972	1,819	150	2,240
Aug.	277	2,785	2,672	151	2,290
Sep.	292	2,398	2,057	138	2,198
Oct.	295	1,565	2,078	146	2,126
Nov.	272	1,536	1,974	125	2,108
Dec	272	2,030	1,965	155	1,945
2021					
Jan.	278	28	1,639	145	1,770
Feb.	257	29	1,847	70	1,765
Mar.	290	46	2,041	113	1,982
Apr.	294	47	1,680	115	1,836
May.	262	26	1,861	91	1,638
Jun.	44	0	695	86	894
Jul.	204	21	973	84	507
Aug.	233	19	1,115	86	1,085
Sep.	262	59	1,221	85	1,599
Oct	292	16	1,349	98	1,165
Nov.	270	10	1,086	91	1,172
Dec	294	21	1,127	92	1,028
2022*					
Jan.	234	1,173	1,332	106	1,305
Feb.	252	1,162	1,160	108	1,017
Mar.	306	1,258	1,653	89	1,659
Apr.	273	1,511	1,417	117	1,431
May	276	1,660	1,143	82	1,333
Jun.	285	1,729	1,730	76	1,481
Jul.	303	1,475	1,886	100	1,494
Aug	338	1,397	2,211	94	2,402
Sep.	325	1,313	1,592	83	1,948
Oct.	322	1,842	1,692	82	1,431
Nov.	271	1,454	1,702	117	1,622
Dec.	331	2,069	1,924	98	2,176
2023*					
Jan.	327	1,482	1,780	n.y.a	1,388
Feb.	301	1,715	1,561	n.y.a	2,015
Mar.	316	1,920	2,054	n.y.a	2,138
Apr.	297	1,374	1,513	n.y.a	1,651
May	315	1,617	1,848	n.y.a	1,730
Jun.	304	n.y.a	n.y.a	n.y.a	n.y.a
Jul.	316	n.y.a	n.y.a	n.y.a	n.y.a

* : Preliminary

Sources : Department of Mineral and Geoscience Malaysia
Malaysia Smelting Corporation Bhd.

n.y.a : not yet available

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
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	2	11
Aug.	94	30	54	0	10
Sep.	83	40	35	1	7
Oc.	82	30	41	1	10
Nov.	117	57	50	1	9
Dec.	98	49	43	1	5
2023**					
Jan.	n.y.a	n.y.a	31	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	40	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	29	n.y.a	n.y.a
Apr.	n.y.a	n.y.a	39	n.y.a	n.y.a
May	n.y.a	n.y.a	38	n.y.a	n.y.a
Jun.	n.y.a	n.y.a	30	n.y.a	n.y.a
Jul.	n.y.a	n.y.a	48	n.y.a	n.y.a
Aug.	n.y.a	n.y.a	27	n.y.a	n.y.a
Sep.	n.y.a	n.y.a	42	n.y.a	n.y.a

*	:	The figures include high-grade tin (99.9% Sn) imported for consumption.
**	:	Preliminary.
n.y.a	:	not yet available
Sources	:	Malaysia Smelting Corporation Bhd Perstima Bhd
Note	:	Local consumption of tin metal refers to the use of tin in a particular application. 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
2019			
Jan.	1,845	16,439	4,020
Feb.	1,325	16,552	4,020
Mar.	950	22,333	4,020
Apr.	890	23,132	4,020
May.	2,810	23,083	4,020
Jun.	6,045	23,524	4,020
Jul.	4,640	23,524	4,020
Aug.	6,830	23,449	4,020
Sep.	6,620	23,017	4,020
Oct.	6,020	23,104	4,020
Nov.	6,235	23,217	4,020
Dec.	7,130	23,217	4,020
2020			
Jan.	6,630	22,546	4,020
Feb.	7,440	22,431	4,020
Mar.	6,205	22,211	4,020
Apr.	5,375	22,094	4,020
May.	2,455	22,183	4,020
Jun.	4,230	22,330	4,020
Jul.	3,675	22,268	4,020
Aug.	5,040	22,143	4,020
Sep.	5,550	22,480	4,020
Oct.	4,533	22,398	4,020
Nov.	3,805	22,290	4,020
Dec.	1,890	22,129	4,020
2021			
Jan.	820	22,366	4,020
Feb.	1,745	23,044	4,020
Mar.	1,740	21,579	4,020
Apr.	1,245	21,589	4,020
May	755	21,589	4,020
Jun.	2,015	21,539	4,020
Jul.	2,290	21,499	4,020
Aug.	1,395	21,487	4,020
Sep.	1,235	21,508	4,020
Oct.	670	21,508	4,020
Nov.	1,285	21,508	4,020
Dec.	2,045	21,737	4,020
2022			
Jan.	2,390	22,051	4,020
Feb.	2,245	22,076	4,020
Mar.	2,000	21,941	4,020
Apr.	2,010	22,267	4,020
May	1,990	22,248	4,020
Jun.	2,765	22,352	4,020
Jul.	3,330	21,827	4,020
Aug.	4,065	21,787	4,020
Sep.	9,440	21,827	4,020
Oct	4,255	21,857	4,020
Nov	2,930	21,827	4,020
Dec	2,880	21,827	4,020

Source : World Bureau of Metal Statistics

KLTM & LME TIN PRICES

Period	KLTM			LME CASH
	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
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	16,605	71.03	374	16,806
Jul	17,287	73.79	358	17,452
Aug	17,515	73.47	343	17,672
Sep	17,846	74.12	444	17,946
Oct	18,026	74.9	383	18,154
Nov	18,433	75.84	413	18,568
Dec	19,693	79.9	509	19,727
2021				
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	31,777
Jul.	N.T	N.T	N.T	25,173
Aug.	N.T	N.T	N.T	24,520
Sep.	N.T	N.T	N.T	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

Note : 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

LME PRICES & STOCKS		
Period	Cash Settle-ment (US$ / Tonne)	Stocks Period End (Tonnes)
2019	1,899.25	66,200
2020	2,018.60	133,175
2021	2,304.79	54,375
2022	2,212.48	24,283
2020		
Jan	1,925.16	66,800
Feb	1,872.30	68,100
Mar	1,744.64	70,900
Apr	1,651.53	73,650
May	1,618.16	75,825
Jun	1,739.86	66,500
Jul	1,812.15	118,150
Aug	1,935.20	124,900
Sep	1,881.36	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	2,185.92	97,325
Jun	2,188.98	80,250
Jul	2,336.98	59,750
Aug	2,428.52	52,250
Sep	2,257.25	51,000
Oct	2,339.45	55,000
Nov	2,347.57	56,775
Dec	2,304.79	54,375
2022		
Jan	2,342.70	54,006
Feb	2,299.90	49,196
Mar	2,359.48	39,846
Apr	2,396.74	39,355
May	2,145.17	38,485
Jun	2,067.38	39,141
Jul.	1,976.26	39,324
Aug.	2,077.91	38,599
Sep.	1,874.45	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	2,149.14	29,454
May	2,087.50	33,301
Jun	2,118.36	38,527
Jul.	2,106.88	47,957
Aug.	2,151.73	55,826
Sep.	2,252.86	63,544

COPPER

LME PRICES & STOCKS		
Period	Cash Settle-ment (US$ / Tonne)	Stocks Period End (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
2020		
Jan	6,049.20	179,800
Feb	5,686.45	216,950
Mar	5,178.68	221,200
Apr	5,048.25	251,475
May	5,233.82	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	7,063.43	149,925
Dec	7,755.24	105,800
2021		
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	9,612.43	211,975
Jul	9,433.59	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
Jul.	7,529.79	132,827
Aug.	7,960.98	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.	8,445.26	61,300
Aug.	8,351.77	88,376
Sep.	8,270.86	143,368

SILVER

LONDON SPOT PRICES	
Period	London Spot (US Cents / Troy Oz)
2019	1,711.00
2020	2,488.74
2021	2,246.81
2022	2,318.06
2020	
Jan	1,796.50
Feb	1,792.20
Mar	1,491.82
Apr	1,504.55
May	1,623.24
Jun	1,771.98
Jul	2,040.50
Aug	2,686.25
Sep	2,588.61
Oct	2,429.84
Nov	2,404.33
Dec	2,488.74
2021	
Jan	2,592.84
Feb	2,734.60
Mar	2,561.35
Apr	2,564.03
May	2,746.32
Jun	2,698.16
Jul	2,575.32
Aug	2,401.64
Sep	2,330.73
Oct	2,329.64
Nov	2,419.64
Dec	2,246.81
2022	
Jan	2,312.85
Feb	2,346.50
Mar	2,524.02
Apr	2,454.11
May	2,190.55
Jun	2,149.03
Jul.	1,907.62
Aug.	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	2,340.84
Jul.	2,404.10
Aug.	2,343.86
Sep.	2,323.86

Source : London Metal Exchange

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

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
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