

rise

2024
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Soaring Success



This is an Artificial Intelligence (AI)-generated image.



On the cover

As we embrace the Dragon Year, we draw inspiration from its legendary attributes—strength, good fortune and the ability to overcome challenges. Just as the dragon soars confidently, we continue to propel Gamuda to new heights of growth and achievement throughout the year.

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731 nominations, 10 SGHA winners and 2 Gamuda Inspiration Award winners. Awarded RM450,000, over 190 communities helped, and over 500,000 lives improved.



All the success we achieved now were partly the good works of many years ago; as long as we persevere to do the right things, more success will come in the future.

Dato' Paul Ha,
Deputy Group Managing Director of Gamuda Berhad

Guān Xì

Jiān Chí

关系、坚持

Orchestrating Gamuda's Success in Taiwan

Beyond our well-established reputation of completing major tunnelling projects in Malaysia, there's a lesser-known story that truly defines our expertise. Picture this: our first step into the realm of tunnelling excellence unfolded on the international stage, where we secured a triumph in Taiwan's Mass Rapid Transit (MRT) project in Kaohsiung.

This moment marked the beginning of our journey to become trusted experts in the intricate world of tunnelling, echoing the wisdom of Chinese philosopher Lao Tzu, who stated, "The journey of a thousand miles begins with a single step."

This timeless wisdom and the key to Gamuda's success in Taiwan lies in two essential principles: *Guān Xì* (关系 – meaning relationship) and *Jiān Chí* (坚持 – representing perseverance).

These fundamental values, deeply rooted in Chinese business culture, including the unwavering spirit of team perseverance, have opened doors for new business partnerships and have also been instrumental in paving the way for our Group's historic entry into Taiwan.

The first chapter of our remarkable journey unfolded in 2002, guided by the visionary leadership and foresight of Dato' Ir Ha Tiing Tai,

affectionately known as Dato' Paul Ha, deputy group managing director when we won the Mass Rapid Transit (MRT) project in Kaohsiung.

Fueled by the steadfast principles of *Guān Xì* and *Jiān Chí*, Dato' Paul Ha recounts his journey leading a devoted team bound by a shared commitment to excellence. Their dedication illuminated our presence on the international landscape, setting the stage for a narrative of continuous triumphs and transformative achievements.

TAIWAN – TELL US HOW IT ALL BEGAN

Back then, within the familiar confines of our home ground, we flourished with a diverse array of local infrastructure projects, from highways to bridges and dams. Although there was no immediate pressure to expand internationally, we were acutely aware that it was imperative to proactively explore new horizons for sustained growth in the long run.

During that period, global interest in MRT projects was burgeoning. When the Kaohsiung Rapid Transit Corporation (KRTC) published the tender notice for the Kaohsiung MRT Metropolitan project, I saw the opportunity and persuaded the management to take a bold step.

Thanks to the encouraging support and trust from Dato' Lin Yun Ling, our group managing director, we took the leap into uncharted territories; it wasn't an easy move, but we embraced the challenge with collective perseverance, guided by the core principle of *Jiān Chí*. Now, the rest of the success is history.

THE FIRST STEP: CHARTERING UNEXPLORED TERRITORY AND TACKLING THE CHALLENGES

So here's the scoop: when the opportunity to bid for the Kaohsiung MRT project came knocking, there was a catch – we needed MRT-related experience, and truth to be told, we were pretty green in that department. But we had our aces up on our sleeves! Although we lacked experience in this field (at that time), our stellar record in completing the construction of highways (which some of it does require tunnelling methods), building bridges and pocketing success in other various engineering projects spoke volumes.

Along with a robust rapport with a local Taiwanese politician, who played a crucial role in trusting our capabilities, we could participate

in the tender. Did you see how the *Guān Xi* came into rescue?

The first hurdle cleared! We then faced some setbacks in negotiations with several local partners, and our close ties with the local representative turned the tide. It paved the way for a valuable connection, and soon enough, we found ourselves in a strategic joint venture with New Asia Construction & Development Corporation. Other challenges faced during the tender and construction stages include finalising the tender's contractual offers and delayed land handover.

Through unwavering perseverance (that's *Jiān Chí*) and full support from everyone involved, we finally clinched and successfully delivered our first MRT project – the Kaohsiung Mass Rapid Transit (MRT) Metropolitan Orange Line Package C04, right on schedule.

THE TAIWAN MAGIC, LEADING TO CONTINUOUS PROJECT WINS

Each hurdle we faced in our first project became a stepping stone to greater success.

After completing Kaohsiung MRT, our proficiency in railway development expanded to the successful execution of Malaysia's Electrified Double Track Project (Ipoh – Padang Besar). Subsequently, we undertook the construction of our nation's first MRT projects – the MRT Kajang and Putrajaya Lines. So then, we have grown in railway expertise, heart and determination. We wanted to diversify and deepen our roots in Taiwan through various meaningful projects.

Between 2019 and 2020, we won three significant projects, including the Marine Bridge – Guantang (and its extension), Seawall - Taipei Port and 161kV Songshu to Guangfeng Underground Transmission Line.

The last 15 months have proved to be another excellent run in Taiwan. We were awarded the RM2.13 billion



Kaohsiung Mass Rapid Transit (MRT) Metropolitan Orange Line Package C04: The Group's inaugural project in Taiwan, marking our successful entry into the country's infrastructure sector.



TaoYuan City Underground Railway Project, Package CJ18 PingZhen Commuter Station: Gamuda's fifth project in Taiwan, valued at RM2.13 billion is set to improve mobility and reduce the traffic congestion faced by TaoYuan residents.



The groundbreaking ceremony for Package YC01 of the Kaohsiung Mass Rapid Transit (MRT) Metropolitan Yellow Line was attended by dignitaries, including Kaohsiung mayor, Chen Chi-Mai; vice minister of transportation, Chen Yan-Po; legislator of Taiwan, Hsu Zhi-Jie and representatives from the Kaohsiung City Council, alongside Dato' Paul Ha.

TaoYuan City Underground Railway Project, Package CJ18 PingZhen Commuter Station, by the Taiwan Ministry of Transportation and Communications' Railway Bureau. In October 2023, we secured the Kaohsiung MRT Metropolitan Yellow Line Civil Engineering, Package YC01, with a contract sum of RM3.45 billion.



Kaohsiung MRT Metropolitan Yellow Line Package YC01: Gamuda's third railway project and sixth infrastructure project in Taiwan, which is a significant extension to the existing Kaohsiung MRT Orange Line.



Meet the dynamic duo: Eric Foong Vooi Lin, project director (left) and Chung Tze Ye, finance director (right). They are the supporting force for our Taiwan milestones. Their tag-team brilliance showcases that when passion meets precision, achievements aren't just reached; they are conquered.

SUCCESS AND RECOGNITION BY THE TAIWANESE GOVERNMENT

To date, we proudly stand as the first and only Malaysian engineering company to have entered Taiwan's urban mass rapid transit construction industry.

The Taiwanese government recognised all the environmental efforts and initiatives that we implemented in the Kaohsiung Mass Rapid Transit (MRT) Metropolitan Orange Line Package C04, earning us the prestigious Air Quality Protection Award and National Environmental Protection Outstanding Award 2003.

Our second and subsequent Taiwan projects also made history as we were the sole Malaysian company awarded several prestigious Taiwanese accolades. These include the Excellent

Honour in Construction Golden Safety Award 2022 (for Guantang Marine Bridge in Taoyuan) and Green and Environmentally Friendly Construction Site Excellence Award 2023, Power Transmission Category (for 161kV Songshu to Guangfeng Underground Transmission Line).

These trajectories testify to our demonstrated success and emphasise the enduring trust placed in us by the esteemed Taiwan government, its authorities and the people.

The coveted reputation we've earned through numerous accolades wouldn't be attainable without the collaborative efforts of the entire team, dedicated to achieving success. I can confidently affirm that we effectively maintained our *Guān Xi* and *Jiān Chí*.

LOOKING AHEAD, ASPIRATIONS AND GROWTH IN TAIWAN

We need to continue harnessing our niche expertise in tunnelling, for which Gamuda is well-known among the Taiwanese. We must always maintain a forward-looking perspective on new ventures and suitable projects.

The profound bonds we cultivate within our team and alongside our Taiwanese counterparts form the bedrock of our success and triumphant journey.

I believe the unyielding *Guān Xi* and collective *Jiān Chí* that fuelled us forward in Taiwan thus far will sustain our momentum and bear the torch of Gamuda's regional expansion. We will leave an indelible positive impact on the region's dynamic landscape.

BEST IN QUANTITATIVE ATTRIBUTES
BEST IN QUALITATIVE ATTRIBUTES
OVERALL TOP 30

FIRST PLACE
GAMUDA LAND
(Gamuda Bhd - Property Division)



From (L-R): Kathy Fong (editor in chief of The Edge Malaysia); Au Foong Yee (editor emeritus of The Edge Malaysia); David Ng (chief financial officer of Gamuda Land); Chu Wai Lune (chief executive officer of Gamuda Land); Dato' Ho Kay Tat (publisher and group chief executive officer of The Edge Malaysia); and Erynda Jacqui Chan (editor of city and country of The Edge Malaysia).

Gamuda Land Clinches Top Honours at The Edge Top Property Developers Awards 2023

Gamuda Land achieved a historic milestone at The Edge Malaysia's Top Property Developers Awards (TPDA) 2023 by securing the coveted No. 1 spot in the Overall Top 30 for the first time. The company's remarkable success extends beyond the top award, as it clinched the sub-awards for Best Quantitative Attributes and Best Qualitative Attributes. This remarkable achievement of emerging as the first property developer to sweep all three accolades is a truly exceptional hat-trick.

This year's instalment marks the 21st edition of TPDA, maintaining its status as the most eagerly anticipated property developer award in the industry. Results underwent comprehensive evaluation on both qualitative and quantitative grounds, where Deloitte Malaysia conducted a rigorous audit of the scores and rankings. In the qualitative category, expert judges meticulously assessed each company's expertise, reputation, innovation, creativity, product quality, and the value it brings to buyers. Gamuda Land's outstanding performance in these areas stood out, reinforcing its commitment to excellence and forward thinking strategies within the property sector.

Financial strength played a pivotal role in the evaluation process on the quantitative front. Companies were scrutinised based on shareholders' funds, turnover, profitability and cash holding or gearing. Gamuda Land's triumphant position at TPDA 2023 is attributed to its stellar financial performance.

As Gamuda Land continues to set new benchmarks in the property sector, this historic victory solidifies the company's position as a frontrunner in the field.

[Read The Edge article on our triple win](#)

[Watch Gamuda Land receiving the award](#)

Gamuda Wins Third Infrastructure Project in Singapore With the West Coast Station and Tunnels Contract

Gamuda has clinched yet another project in Singapore to deliver around RM1.77 billion (SGD510 million) for the design and construction of the West Coast Station and Tunnels (known as Contract CR209).

This marks the Group's first independent venture in Singapore without joint venture partners, showcasing our strong delivery track record in the region and solidifying our role as a key player in the city-state's transportation infrastructure development.

This project is our second railway project in Singapore (after Defu Station and Tunnels) and third infrastructure project (after the Gali Batu Multi-Storey Bus Depot), all awarded by the Land Transport Authority (LTA) of Singapore.

Contract CR209's scope of works includes one underground station with twin tunnels at approximately 1.9km. The West Coast Station will be constructed along West Coast Road.

Construction works are expected to kick off in the first quarter of 2024.

CR209 is part of the Cross Island Line Phase 2 (CRL2), the eighth Mass Rapid Transit (MRT) Line in Singapore, boasting 15km and six underground stations. As reported by The Straits Times on 20 September 2023, the alignment for CRL2 will improve the eastern, western and north-eastern parts of the city. Upon completion by 2032, CRL2 will benefit 40,000 households living on Sunset Way and along West Coast Road, which are currently not served by any MRT Line.

[Read The Star article for more project info](#)

[Read our win featured in LTA's newsroom](#)

Securing CR209 holds a deep significance for the tender and project team because it marks a unique milestone for Gamuda. This is the company's first independent venture in Singapore, a monumental achievement that underscores their capabilities, teamwork and dedication. This win isn't just a triumph; it's a historic moment that showcases Gamuda's independent strength and expertise; it's a boost to the team's confidence and reignited passion for more. We're now looking forward to our next tender adventure!



Eileen Teo Cheo Tee,
Assistant General Manager,
Contracts and Commercial,
Business Development

Down Under Delivers: Progress Unveiled



Tunnelling Infrastructure Academy at Clyde

- Employs virtual reality for inclusive training, benefitting diverse groups in safety and upskilling.
- Partnered with Australian social enterprise, Empowered Women in Trades in September 2023 to launch a paid training programme.
- Offers upskilling opportunities for women without prior construction experience who are looking for a career change, the first intake into the Pre-Employment programme included 15 women.

Watch the TIA feature on Australia's 9News



Eastern Creek Precast Facility

- A 17-hectare purpose-built facility to support the construction of Sydney Metro West that will connect Greater Paramatta to the Sydney CBD.
- Produced over 17,000 sustainable concrete segments to date, with the project's concrete mix made of Supplementary Cementitious Materials (SCM) standing out as the most sustainable mix for the Sydney Metro project.
- Estimated to reduce tunnel segment carbon footprint by 13,000 tonnes CO₂ equivalent.

Watch the precast facility feature on Australia's 10 News



TBM Betty and Dorothy

- For the first time in Sydney Metro's history, the TBMs will use non-potable water to excavate and cool themselves.
- The TBMs will guzzle more than 83,508KL of treated groundwater, helping to reduce potable water use in construction by 10%.
- Betty and Dorothy have already carved out over 1,100 metres and over 600 metres respectively, of fully lined tunnels since launching from the Clyde launch box.

Read more about the TBMs on Gamuda Australia's LinkedIn



M1 Pacific Motorway Extension to Raymond Terrace

- Australia Prime Minister Anthony Albanese visited the project site to inspect the progress.
- Set to improve journeys through the Hunter – bypassing five traffic lights, removing 25,000 vehicles daily, saving nine minutes in travel time, and easing congestion between Newcastle and Maitland.
- Boost the economy by supporting up to 2,700 direct and indirect jobs during construction.

Read more about the site visit on Gamuda Australia's LinkedIn



Coffs Harbour Bypass: A Year of Progress

2023 was a big year for the Coffs Harbour Bypass team, stationed on the East Coast of Australia, about a 5-hour drive north of Sydney.

Since the start of major construction works in March 2023, the project team has mobilised a workforce of more than 750 people, finalised detailed design, engaged more than 215 suppliers and subcontractors, completed about 90% of vegetation removal, and about 30% of the bulk earthworks programme. Controlled blasting and bridge building are well underway. Portal preparation has started at the Gatelys Road Tunnel with controlled blasting and 24/7 operations to start in the coming months. Bring on another big year in 2024!

The Coffs Harbour Bypass is one of two remaining sections of road to be delivered to complete the Pacific Highway upgrade between Sydney and Brisbane.

Scan to watch the controlled blasting works



Teaming Up With the National Rugby League for Indigenous Empowerment

Gamuda Australia recently announced a thrilling partnership with the National Rugby League's School to Work Programme.

Since its inception in 2012, School to Work has been a ray of promise through the delivery of education and employment programmes.

Leveraging the positive influence of rugby league, the NRL supports young Indigenous Australians with work experience, mentoring and leadership opportunities to ensure they successfully complete school and transition into further study, training and meaningful employment.

The partnership will see Gamuda offer support in three key areas - university scholarships, school scholarships and paid internships. With additional training and mentorship within the construction industry being provided.

"The opportunity that Gamuda will provide will benefit the students and their support networks, and we cannot thank Gamuda enough for that opportunity," said Jason Solomon, operations manager of NRL School to Work.

Watch this space for more updates on this incredible journey with the NRL School to Work Programme as we showcase the impact we can make together.

DT Infrastructure at AusRAIL Plus 2023



Recently, DT Infrastructure attended AusRAIL Plus 2023, the largest rail event in the Asia Pacific. The event served as a platform for rail experts and enthusiasts to come together and discuss what’s next for rail in the region. DT Infrastructure is proud to have supported the event through Silver sponsorship.

Brian Ross, operations manager from DT Infrastructure’s Perth office, shared his AusRAIL experience.

“The recent AusRAIL Plus 2023 brought together the industry’s best and brightest. I was lucky enough to represent DT Infrastructure at the event and discuss our exciting plans for continued growth in this sector.

Brian Ross
Operations Manager,
DT Infrastructure

There were some highlights over the course of the three-day event, including meeting with our clients informally and discussing the future of the rail industry and opportunities where we can support them, getting to know new suppliers and contractors and discussing opportunities to work together, and collaborating with colleagues from DT Infrastructure that we don’t get to see too often.

There was also the added bonus of sharing the success of our rail services team in the Pilbara, where we have delivered record kilometres, with record safety performance and at a record low cost per metre.

DT Infrastructure’s first time at AusRAIL was a huge success, and I look forward to seeing what we achieve off the back of it and of course, to next year’s event at the Gold Coast!”

In Conversation With AusRAIL Plus 2023 Scholarship Winners

Two talented DT Infrastructure team members also received AusRAIL Plus 2023 Scholarships to attend AusRAIL Plus 2023. The scholarships provide the recipients the opportunity to attend the impressive programme of workshops and technical talks on offer, in addition to several industry networking events. Our scholarship winners answered a few questions about their experience.



Kelsey D’Rozario

How did it feel to receive the Women in Rail Scholarship by AusRAIL Plus 2023?

What advice do you have for other young professionals in the industry?

Receiving the AusRAIL scholarship was a humbling and gratifying experience. It presented an opportunity for me to contribute back to the rail industry while refining essential skills beneficial to my growth.

Seek mentorship and learning opportunities – don’t be afraid to ask ‘silly’ questions! Engage actively with industry professionals and immerse yourself in different experiences to broaden knowledge and perspective.

What was your AusRAIL 2023 highlight?

Would you recommend a career in construction or rail?

Among many memorable moments, Bryan Lai’s presentation on TrackDNA was a highlight for me. Seeing DT Infrastructure on centre stage with our beautiful new branding and a wonderful speaker, I felt very proud.

Absolutely, I highly recommend a career in construction and rail. Personally, I’m drawn to fields where I’m not confined to a desk. The hands-on, interactive nature of these industries, particularly shaping community infrastructure, is incredibly fulfilling.

How do you think winning the scholarship will benefit you or your career?

Winning this scholarship offered more than personal growth. It meant networking with industry leaders, learning from experts and playing my part in our wonderful rail sector.



Jesse Mallen

How did receiving the Young Rail Professional Scholarship by AusRAIL Plus 2023 feel?

What advice do you have for other young professionals in the industry?

During AusRAIL itself, it proved to be quite relaxing. Among 6,000 attendees, everyone else had something to sell or someone to talk to. The scholarship winners were truly free to see, explore and experience!

There are a lot of opportunities out there – activities with industry groups, graduate programmes, construction events and site visits. Ask questions, and people will have even more opportunities for you. Seize as many as you can, and some will pay off in a big way.

What was your AusRAIL 2023 highlight?

I think the Yellow Dinner was everyone’s highlight. Besides that, my favourite conversations were about discussing honest pros and cons for different strategies to build Australian High-Speed Rail in the far-future.

How do you think winning the scholarship will benefit you or your career?

While at AusRAIL, I was impressed by several organisations – because of their work, impact or people – that I would like to collaborate with in the future. It’s good to stay aware of the market, the competition and your peers.

Would you recommend a career in construction or rail?

Not only would I recommend it, but the industry is desperate for new talent. The number shared at AusRAIL was “35% of the workforce retiring by 2035”. Railways are global yet contain a multitude of disciplines. There’s a career here for everyone.

Anything interesting at the event that you would be happy to share?

Here’s a big scoop: every Melbournian knows about the “Rhino on a Skateboard” tram safety campaign. In a panel with the Yarra Trams CEO, she whispered to another panellist, “We’re bringing the Rhinos back”. I, for one, am very excited for the return of Rhinos on Skateboards!

Talent Sharing: DT Infrastructure and Gamuda Engineering Australia

Much like our work together on the South West Metro 3 (SWM3) project demonstrates, collaborating with Gamuda Engineering Australia (GEA) has enabled DT Infrastructure to better leverage our respective strengths and expertise. One fundamental aspect of this collaboration lies in talent sharing – a process where DT Infrastructure employees can apply their skills and expertise on GEA projects and vice versa.

This opportunity produces benefits in many ways. Sharing skills helps us resource our projects with specialised expertise. It also supports our employees in achieving their career aspirations by providing them with new development opportunities.

A case in point is our involvement in the M1 Motorway Extension to Raymond Terrace Project, where eight members of DT Infrastructure team have now transitioned to



GEA, providing invaluable support to the Australian business while developing their careers. This isn't a one-way street either: we recently welcomed Kurt Vella from GEA to DT Infrastructure as the new general manager of business integration and now as general manager of the NSW region. Kurt will lead and coordinate how to best find synergies between DT Infrastructure and GEA.

Ensuring this talent-sharing collaboration has minimal impact on employees is crucial and is a primary motivator for aligning the DT Infrastructure and GEA policy environments. This means that all relevant policies will become consistent between DT Infrastructure and GEA so that employees can easily move between the businesses.

[Top] James Stokes (senior environmental advisor); [bottom L-R] Sarah Henderson (contracts administrator) and Kylie Patira (contracts administrator) transferred from DT Infrastructure to Gamuda Engineering Australia in August 2023 to work on the M1 Motorway Extension to Raymond Terrace.



Breaking Ground With Shareholder: Group Tops Three-Year Shareholder Returns in Construction Sector

In a stellar feat, the Group has once again clinched the highest return to shareholders in the construction sector for the second consecutive year in The Edge Billion Ringgit Club (BRC) Award for the Highest Returns to Shareholders Over Three Years in the Construction Sector.

This triumph, echoing victories in 2013 and 2015, signifies our unwavering resilience and financial prowess.

According to The Edge, our journey to the top was paved with an uptrend in our share price, a robust earnings growth and the promise of securing significant contracts. With a record net profit of RM1.84 billion in FY2023, our market confidence remains strong.

Bolstered by unbilled order book of RM26 billion, comprising local and international projects, we're poised for further growth. As we anticipate the rollout of significant infrastructure projects in Malaysia

and witness a promising recovery in the property sector, the outlook for the Group remains positive.

Cheers to the Gamuda family for making this achievement possible, and here's to the continued legacy of excellence!

Read more on our exceptional achievement



Showcasing Gamuda's Geotechnical Excellence

At the 2nd GeoSS-MGS Geotechnical Conference in Singapore, organised by the Malaysian Geotechnical Society (MGS) and the Geotechnical Society of Singapore (GeoSS), our geotechnical experts, Dr. Ooi Lean Hock (geotechnical lead) and Dr. Boon Chia Weng (geotechnical design manager), were invited as keynote speakers.

Focusing on "Geotechnical Engineering for Urban Infrastructure and Development", they showcased Gamuda's proficiency in tackling complex ground conditions, illustrated by our underground construction works in the Hospital Kuala Lumpur district for the MRT Putrajaya Line in Malaysia. Dr. Boon's lecture earned well-deserved acclaim.



Gamuda Singapore's representatives at the 2nd GeoSS-MGS Geotechnical Conference. The conference provided us with a platform to share insights on our geotechnical excellence with industry professionals, through event exhibition and keynote sessions featuring our geotechnical experts, Dr. Ooi Lean Hock (first from right) and Dr. Boon Chia Weng (second from right).

"I'm extremely honoured to receive the prestigious Bright Spark Lecture Award from the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for my lecture. This is one journey that is fuelled by persistence and collaboration. I'm grateful for the support, particularly from the MGS and GeoSS conference organisers, that propels my role

in the geotechnical industry. I'm eager to connect with like-minded professionals who share a passion for pushing boundaries in geotechnical engineering. Let's create impactful solutions together!



Dr. Boon Chia Weng, Geotechnical Design Manager

Gamuda Bags Triple Gold Awards at HR Excellence Awards 2023

At Gamuda, we attribute our growth to our invaluable asset – our people. The Group's recent triple victory at the HR Excellence Awards (HREA) 2023 has further underscored our dedication to cultivating effective human resource (HR) strategies. A prestigious platform showcasing best-in-class HR teams, HREA is the region's only peer reviewed HR award.

This year, we nabbed the top Gold accolades in three categories: Excellence in Graduate Recruitment and Development, Excellence in In-House Talent Pipeline Strategy, and Excellence in Women Empowerment Strategy



in Malaysia. Meanwhile, Gamuda Singapore secured a Bronze in the Excellence in Women Empowerment Strategy category.

Read blog article on our HR strategies featuring Wong Lye Ling, head of group human resources and administration and Tan Tho Wei, head of talent management and organisational development.





Ulu Padas Hydroelectric Dam: Vision for A Greener Energy Future

The Group marked a momentous occasion with the groundbreaking ceremony of the Ulu Padas Hydroelectric Dam in Tenom, Sabah. Graced by prime minister Datuk Seri Anwar Ibrahim and Sabah chief minister Datuk Seri Hajiji Noor, the event saw a spectacular turnout of over 1,300 people.

This RM4 billion venture is led by Upper Padas Power Sdn Bhd through a 45-40-15 public-private partnership between Gamuda Berhad, Sabah Energy Corporation Sdn Bhd (SEC) and Kerjaya Kagum Hitech JV Sdn Bhd (KKHJV), respectively.

With a capacity of 187.5 megawatts, Ulu Padas Hydroelectric Dam will contribute 15% of Sabah's energy supply.

On top of contributing to Sabah's electricity grid, the dam is expected to provide 6,000 MLD (million litres per day) of clean and safe water for the people of Sabah - further emphasising sustainable energy and water resources.

Expected to be completed by 2029, the project will invigorate the state's western coastal corridor, sparking socio-economic growth along its pipelines.

[Read The Star article about the project](#)

[Watch the video to see event highlights and key members involved](#)



"The Ulu Padas Hydroelectric Dam is a significant project for Gamuda because it signifies the start of a new recurring income stream for the company. After we sold off our highways and water concession, we were down to two main business units: engineering and property arms. With this new green vertical project in renewable energy, we get to not only participate in the construction first, but after that, we have a 40-year power purchase agreement."

Justin Chin,
Managing Director of
Gamuda Engineering



"We spent about close to four years getting to know this project, carrying out project due diligence, negotiating our entry strategies and involvement with our partners. The Ulu Padas Hydroelectric Dam is not without any challenges. It has been quite a journey, but I'm so glad that within Gamuda, we have very

strong departments such as Design and Technical, Commercial and Contract, Legal, Finance and Project Management team. Everyone just came together and pulled in our expertise and resources."

Joshua Kong,
Director of Renewable
Energy



"It was the combination of Gamuda's domain strength in engineering, construction delivery, financial capacity, relentless focus, and team players' who demonstrated the tremendous capacity to learn, adapt and navigate hurdles. The highly collaborative approach with the Sabah State and

commercial partners has led the team to today's results. The real work begins now, and I'm confident that, as a team, Gamuda will deliver on what we promised as long as we apply the same ingredients and working spirit forward."

Low Chee Yen,
Chief Investment Officer



"We are excited to embark on the construction phase with our dedicated team. We are all set to tackle challenges, shoulder higher responsibilities, and capitalise our collective experience and expertise to deliver a project that will truly benefit the people of Sabah."

Ts. Syed Nur Aizuddin,
Project Manager



"Reflecting on the success of our groundbreaking ceremony, I can't help but feel a surge of pride. Our team coordinated seamlessly, from media management to collaborating with skilled photographers and videographers to capture those historic moments. The event's highlights unfolded flawlessly and the positive headlines the next day reflected our meticulous efforts. It is a well-deserved accomplishment for everyone involved and we aspire to create more impactful socio-economic content from this project."

Faslita Das,
Senior Manager, Group Corporate
Communications and Sustainability



"Leading the organising team for the event was an honour. Interacting with our partners associates and government agencies in Sabah provided valuable insights into protocol matters, with top officials present. The rich heritage cultures of the locals were fascinating and I gained a deeper understanding of hierarchical practices in the working environment. Effective communication was crucial for this high-profile event, differing from those in Peninsular. The seamless execution owed much to the tremendous support from the project team and all those involved."

Steven Austin,
Manager, Public Relations and
Stakeholder Management



The Green Tech Park on Silicon Island will power itself with 100% renewable energy, making it an industrial park that adheres to ESG standards for future-focused high-tech investors.



Silicon Island reclamation works are taking place. - The Star pic

Closing 2023 With New Milestones in Penang

The year 2023 has been eventful for the extended Gamuda family in Penang, with the approval and launch of the long-awaited Penang's Silicon Island project.

Following the Environment Management Plan (EMP) approval in July, the reclamation of the 2,300-acre Silicon Island undertaken by Silicon Island Development Sdn Bhd and turnkey contractor SRS TC Sdn Bhd has been proceeding smoothly since September. About 1.5ha of land have emerged from the sea, and this tiny bit of land, which is 0.16% of the

entire manmade island, was in the spotlight when Penang's governor Tuan Yang Terutama Tun Ahmad Fuzi Abdul Razak and chief minister Chow Kon Yeow took their first steps on Silicon Island in December.

The event had all the pomp, with the governor and chief minister taking a boat tour to the reclamation site, where they left their handprints in clay to commemorate the milestone.

Other honoured guests – Dato' Dr. Mohamad Abdul Hamid (deputy chief minister 1); Dato Seri S. Sundrarajoo, Zairil Khir

Johari, Wong Hon Wai and Rashidi Zinol (state executive councillors); and Datuk Rosli Isa (state secretary) – also joined them in a tree planting ceremony.

Chow said that seeing the island finally taking shape, he felt gratitude to all parties involved in getting the project approved despite facing many obstacles over the years. He said the Silicon Island project carried Penang's hopes for a better and more resilient future, and he was confident the project, with its key development – the Green Tech Park – would replicate the success of

the Bayan Lepas Free Industrial Zone (FIZ), which made the state a global E&E powerhouse since the 1970s.

"Because of the Bayan Lepas FIZ, Penang has remained a leading global hub for the E&E industry. However, we must continue improving our industrial competitiveness to ensure Penang remains relevant. Therefore, we need Silicon Island to create more industrial land in Bayan Lepas to ensure the continuous development of our E&E manufacturing sector," he said.



Penang's chief minister Chow Kon Yeow jumping at the Footsteps to Silicon Island Ceremony. - Bernama pic

Strategically located near the Bayan Lepas FIZ, Penang International Airport and Sultan Abdul Halim Muadzam Shah Bridge, the Silicon Island is expected to take 15 years to complete.

However, Chow said the completion could be sped up to take only eight

to 10 years, with more vessels working on the reclamation starting in 2024.

With two sand vessels operating, 7,000 cubic metres of sand is pumped into the site daily. This will increase to 20,000 cubic metres with four sand vessels working at the site.

Gamuda X Autodesk: Pioneering Innovation in Construction Practices

Gamuda's partnership with Autodesk, which began in 2022, has been a catalyst for innovative solutions and enhancement of Autodesk Construction Solutions, effectively leading to improved project successes within

Malaysia and the Asia-Pacific region.

Justin Chin, managing director of Gamuda Engineering, attended the AU 2023 organised by Autodesk in Las Vegas. As one of the panel speakers on "How Data Enables Better Outcomes

Through Automation and Insights", Justin spoke on how the Autodesk Construction Cloud (ACC) has revolutionised project management by providing real-time insights into costs, schedules and project status.

Through this collaboration

with Autodesk, Gamuda has leveraged the advanced capabilities of Autodesk solutions to make informed decisions, ensuring projects are delivered with efficiency and cost-effectiveness.

"We have incorporated ACC as part of our

Gamuda Digital Operating System – a combination of standard Gamuda tools that we use across all our majority-owned projects. This single cloud platform connects our teams worldwide and allows us to collect, use and distribute valuable construction data to every team member, wherever they are," said Justin.

One of the outcomes of incorporating ACC is that the Group has created visibility and transparency around our data.

"Their adept integration of digital tools into Gamuda's workflows has facilitated seamless communication and collaboration. Through the collaboration programmes and a commitment to continuous improvement, the digital team has ensured the successful adoption of ACC across

the organisation and the various APAC regions where they operate." "Their dedication to driving Gamuda's digital transformation reflects enhanced operational efficiency and a progressive approach to construction practices," Autodesk said.

John Lim, our group chief digital officer's inclusion in the Autodesk 40 under 40: Champions of Construction 2023 further underscores the global recognition of his impactful contributions and leadership in the digital construction.

Autodesk noted that Gamuda stands out in its alignment with future building construction and infrastructure trends.

"Adopting ACC for their Common Data Environment (CDE) and

Project Management practices demonstrates Gamuda's forward-thinking strategy. The emphasis on real-time insights aligns with the industry's trajectory towards data-driven decision-making, showcasing Gamuda as a proactive player. Integrating construction management software with existing tech stacks and a commitment to sustainability positions Gamuda as a company anticipating and

embracing the evolving landscape of construction practices," Autodesk said.

With the seamless integration of ACC, the Group fosters a transformative shift in its workforce—from routine troubleshooters to highly skilled knowledge workers. This significantly enhances the Group's expertise and problem-solving capacity, paving the way for innovation and growth.



[L-R] All the conference speakers from Gamuda Engineering, including Kyle Ewe (contracts and commercial digital lead); Justin Chin (managing director of Gamuda Engineering); Matthew Lew (digital engineer); Nur Millatina (digital engineer); and Tony Joseph (head of digital engineering department) shared their insights at AU 2023 in Las Vegas. Their presentations highlighted the innovative utilisation of tools that has been instrumental in enhancing their contributions to the field.



Justin Chin, sharing insights with the audience at AU 2023 on how the Autodesk Construction Cloud reshaped project management for enhanced success in Malaysia and the Asia-Pacific region.



Celebrating Local Heroes and National Changemakers



From reducing poverty to rehabilitating endangered species, ten Star Golden Hearts Award 2023 winners were recognised for their remarkable impact on communities and environment.



This year's GIA winners exemplify the potential for collaborative action in creating a better world for both terrestrial and marine life, and their endeavours continue to inspire Malaysians to do the same.



Ts. Lim Hui Yan,
Head of Yayasan Gamuda

Social changemakers are pivotal in steering Malaysia toward progress. Through their vision and dedication, their efforts extend beyond immediate improvements, laying the groundwork for sustainable progress for generations.

Since 2016, our collaborative initiative — Star Golden Hearts Award (SGHA) and the Gamuda

Inspiration Award (GIA), presented by The Star and Yayasan Gamuda have played a crucial role in establishing many national changemakers.

Chosen from 731 nominations, this year's ten outstanding recipients—Bornean Sun Bear Conservation Centre, Lang Tengah Turtle Watch, The MareCet Research Organisation, Starfish Malaysia Foundation,

PACOS Trust, The Asli Co., Kelab Alami, Buku Jalanan Chow Kit, Japson Wong, and Graze Market were recognised at the award ceremony held at Menara Star. Each winner received a token of RM15,000 to further propel their causes in education for the underprivileged, wildlife conservation, sustainable waste recycling, and improving the livelihoods of Indigenous communities.

SGHA 2023 Highlights

 **731** nominations

 Over **190** communities helped

 Over **500,000** lives improved

Gamuda Inspiration Award 2023 Winners

Among the ten winners, the highly sought-after Gamuda Inspiration Award (GIA) was presented to two exceptional social changemakers - Bornean Sun Bear Conservation Centre and The MareCet Research Organisation, with both receiving additional grants amounting to RM150,000 each.



The Bornean Sun Bear Conservation Centre (BSBCC), renowned for its dedication to protecting and preserving Borneo's iconic sun bears has been making significant strides in the realm of wildlife conservation.

[Read The Star article to discover how BSBCC has been safeguarding the welfare of Bornean sun bears since 2008.](#)



The MareCet Research Organisation stands as a beacon of hope for marine life conservationists with its efforts in marine mammal conservation, supported by extensive education and volunteering programmes.

[Read The Star article to learn more about Malaysia's first and only non-profit NGO dedicated to the research and conservation of marine mammals.](#)



Reaching a Milestone With ISO 14064-1 Verification and SROI Analysis

Our inaugural verification according to ISO 14064-1, serves as a distinguished environmental recognition for Gamuda.

Together, ISO 14064 and SROI serve as crucial levers for sustainable growth. ISO 14064 quantifies greenhouse gas emissions, attracting eco-conscious investors, while SROI analyses and quantifies socioeconomic impacts, from job creation to community development.



Ong Jee Lian, group chief communications and ESG officer (second from right) along with the Group Sustainability Team, received the recognition for ISO 14064-1 verification for GHG emissions from Evelyn Chye, managing director of BSI Malaysia.

ISO 14064-1: A standard for organisations to measure and report their greenhouse gas emissions, aiding in environmental impact assessment.

Eaton Park: The Pinnacle of Luxurious Living

Earlier this month, Gamuda Land Vietnam's Eaton Park entered into strategic agreements with 17 partnering property agents during a signing ceremony held in Ho Chi Minh City. This luxury high-rise development is poised to introduce its initial two blocks, comprising approximately 700 units, to the market in the upcoming quarter of 2024.



Symphony in Nature

Embark on a musical journey with En. Adil Putra, our executive director of Gamuda Engineering. As an avid music enthusiast, he enjoys composing and takes pleasure in penning lyrics that beautifully encapsulate the wonders of nature.

Watch the video to see his soulful original composition woven with visuals showcasing Gamuda Cove's wetlands, creating a harmonious blend of art and nature.

[Scan to watch the video](#)



ARTIFICIAL INTELLIGENCE INCUBATOR 2024

Now Everyone Can Build an AI Chatbot.

The AI Incubator Programme is a two-day event designed to harness the creative and innovative potential of our organisation in utilising our new AI chatbot tool Bot Unify - built using Google's machine learning platform, Vertex AI Search and Conversation.

Bot Unify is internally built to ingest and analyse documents, providing valuable insights and answers to specific queries in a way that's seamless, safe, and integrated within the Gamuda ecosystem.

If your team, projects, or daily operations could benefit from an AI boost or if curious about how you can operationalise AI wherever you are in Gamuda, sign up for the programme and be the first movers in Gamuda's AI future.

Open to all Gamudians.
To register, scan here:
gamuda-get.com/events



Date: 22 & 23 February 2024
Time: 9:00am - 12:00pm
Venue: Hybrid

Part of GAMUDA Tech Fest 2024

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Enjoys seeing everything and being everywhere, all at once. A cultured person who likes various genres of music, movies and television shows, his art comes in the form of poetry and photography.



Wong Lye Ling

Based in Menara Gamuda, she loves travelling, can't resist ice cream and de-stresses with Sudoku and Netflix during her free time.



Elisabeth Negus

Passionate about sport and travel, Liz is an adventurous individual who loves exploring new holiday locations. A huge netball fan who loves playing and following her favourite team, the mighty Giants. Originally from England, Liz made Australia her home over 15 years ago.

Gamuda Berhad's quarterly internal newsletter, RISE, delivers consolidated content from Workplace's weekly postings and highlights happenings across our regional offices. The next issue will be available in April 2024. Collect a print copy at Group Corporate Communications and Sustainability (GCCS) Department, Level 13, Menara Gamuda or access the online edition at rise.gamuda.com.my.