



THE RIPPLES

a quarterly MGTC Newsletter

THE RIPPLES is a platform for strengthening the Malaysian Green Technology and Climate Change Corporation (MGTC) communications strategy for information dissemination and creating awareness toward its programmes, activities and business opportunities.

The quarterly published bulletin is in conjunction with the introduction of MGTC's new corporate logo unveiled on 22nd July 2021, as part of the ongoing progression of our branding. The MGTC responsibilities have amplified and evolved over the last decade.

The logo transformation aims to reflect the principles of MGTC and to symbolise our commitment to exponentially drive the green economy and accelerate climate action. Our new corporate logo crystallises the acronym MGTC at the centre to solidify our position at the core as the principal agency on green technology, environmental sustainability and climate actions in Malaysia.

The seven lines symbolically represent the ripples of technology and information dissemination and, partnership across key stakeholders from Federal and State Governments to Local Authorities, Industry, Academia, NGOs and the Community.

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for detailed information >>

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Virtual Webinar Sessions on Government Incentives in the Green Technology Sector

The virtual webinar sessions on Government Incentives in the Green Technology Sector were held on 25 May 2022 through Malaysia Dubai EXPO 2020 e-Pavilion platform. The main objective of these webinars is to promote the government initiatives and related incentives that are available in the green technology sector to the local companies and entrepreneurs that are based in Malaysia.

The Q&A session completes the main objective of this webinar session where a clear understanding is developed towards the end of the session.



02



EMGS Assessments – June 2022



*Hospital Rompin,
30 May –
1 June 2022*



*Hospital Pakar
Sultanah Fatimah,
Muar, 20 – 22
June 2022*



*Institut Perubatan
Respiratori,
14 – 16 June 2022*

In June 2022, MGTC conducted 3 EMGS Assessments. The organisations involved are Hospital Rompin, Pahang, Institut Perubatan Respiratori, Kuala Lumpur and Hospital Pakar Sultanah Fatimah, Muar, Johor. The assessments took place for three days and were conducted by teams of AEMAS-certified assessors. The EMGS Assessment for Hospital Rompin is for the 2-Star level, which focuses on achieving a minimum of 5% energy reduction compared to the baseline. At the same time, the other two organisations had undergone the 3-Star EMGS Assessment, which focusses on continuously improving and sustaining the energy reduction while integrating energy efficiency as one of their organisation’s cultures. All the organisations have shown a clear adaptation and approach for their energy management system during the assessments.



03



Sustainability Programme Talk - Hospital Kuala Lumpur

On 2 June 2022, Hospital Kuala Lumpur organised the Sustainability Programme Talk held at Dewan Auditorium Utama, Hospital Kuala Lumpur. MGTC's representative, Ts. Nik Mohd Haikal Mohamad Shafie was invited to deliver the talk titled "Our Roles in Energy Efficiency". The programme focuses on the importance of energy management as well as the roles of the staff in energy efficiencies at their workplace and in their daily life. The programme is one of the initiatives from the organisation to provide awareness on energy efficiency among their staff and as a preparation for their upcoming Energy Management Gold Standard 3-Star Renewal certification planned at the end of this year.



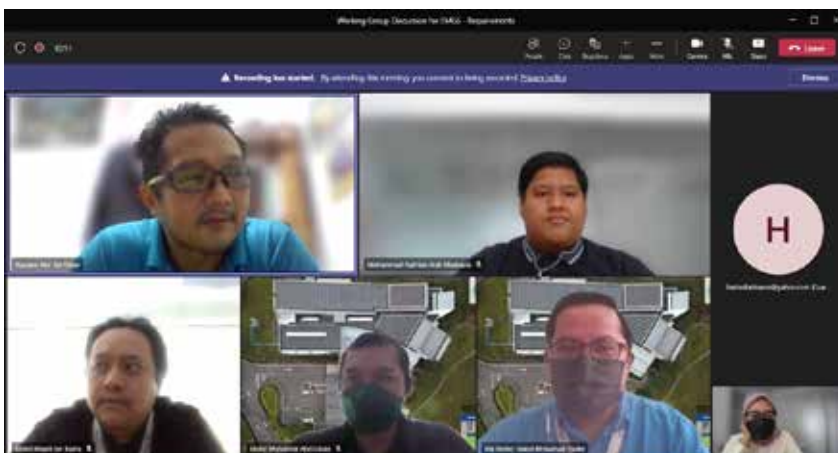
04



Working Group Discussion on EMGS Standard - Requirements

On 13 June 2022, MGTC organised an online Working Group Discussion on EMGS Standard - Requirements. The online workshop was chaired by the Head of Technology Solutions Group, Mr. Huzaimi Nor Omar, and joined by Ts. Hasbullah Harun, Senior AEMAS Lead Assessor and

the Energy Efficiency & Renewable Energy Division staff. The workshop focuses on improving the MGTC Standard: Energy Management Gold Standard – Requirements. The feedback by all the stakeholders was discussed during the Working Group Discussion. The new standard will be used as the standard for the AEMAS EMGS assessment and reference for Energy Manager Training Course (EMTC) module and is targeted to be finalised by July 2022.





KASA-Led Weeks Generated RM16.33 Bil in Business Leads



KASA Minister YB Dato' Sri Tuan Ibrahim Tuan Man was at Expo 2020 Dubai in October 2021 to launch the three weekly programmes held consecutively by KASA and MGTC at the Malaysia Pavilion

The Minister of Environment and Water made an announcement in May on the RM16.33 bil (USD3.71 bil) in potential trade and investment leads generated during the five weekly programmes organised by the ministry at Expo 2020 Dubai.

The ministry (KASA), together with its agencies the Malaysian Green Technology and Climate Change Corporation (MGTC) and National Water Services Commission (SPAN), hosted the trade and business programmes to promote sustainable solutions relating to environmental and water sectors.

Minister YB Dato' Sri Tuan Ibrahim Tuan Man said the programmes provided opportunities for 72 Malaysian companies to expand their green footprint globally through the world event.

The trade and investment leads were generated through the signing of 19 partnership documents with parties from various nations, as well as 246 business enquiries received during business matching sessions. Memorandums of Understanding, Memorandums of Cooperation, Memorandums of Agreement and Letters of Intent signed alone were valued at RM12.31 bil (USD2.8 bil).

KASA hosted the Green Technology Innovation Week (Week 1), Climate Resilience & Sustainable Infrastructure Week (Week 2), Low Carbon Cities Week (Week 3) and Circular Economy Week (Week 26) together with Malaysian Green Technology and Climate Change Corporation. It hosted the Water Week (Week 25) together with the National Water Services Commission, at the Malaysia Pavilion.



05





06



Malaysia Pavilion Wins GADA 2022 Award for Sustainable Project of the Year (Built)

The Malaysia Pavilion for Expo 2020 Dubai achieved its third recognition with the latest for best Sustainable Project of the Year (Built) by the Global Architecture & Design Awards (GADA 2022).

The award recognises the Pavilion, which is a net zero carbon installation, as a “visionary project” and an embodiment of “new architectural language”.

The Malaysia Pavilion incorporates several green and energy saving features designed to reduce impact to the environment. This award recognises our efforts to install a sustainable and a net zero carbon building in line with our theme of ‘Energising Sustainability’ at Expo 2020 Dubai.

“The empirical design of the Malaysia Pavilion has set the bar high for agile, sustainable and innovativeness in modern architecture,” said Malaysian Green Technology and Climate Change Corporation (MGTC) Chief Executive Officer Shamsul Bahar Mohd Nor.

GADA spotlights the amazing works of established firms dealing with global contemporary challenges with continuous innovation and excellence that inspire the next generation. Previous winners included prestigious architecture firms from around the world.



Malaysia's Virtual Platform for Expo 2020 Dubai Continues to Provide Trade and Business Avenue for Global Partnership

While Expo 2020 Dubai has concluded, the Malaysia virtual Pavilion set up for the world expo continues to provide a platform for businesses to network and forge collaborations including through business matching applications.

The on-demand platform can be accessed through the website www.malaysiaexpo2020.com. It provides an end-to-end e-commerce marketplace for industries to meet and interact with buyers and collaborators.

Users of the platform will be able to access virtual exhibition booths, join B2B meetings, business matching sessions and webinars. There are also dedicated booths for the Pavilion sponsors and participating ministries, agencies, state governments and companies.

Business matching sessions are conducted once or twice weekly via an automated matching system (based on industry) and B2B request by users, which scheduled sessions covering technology, products, investment and manufacturing involving e-learning, animation, real estate, automotive, drone, agriculture, healthcare, engineering, franchise, health and wellness, among others.

The platform was developed by Malaysia Pavilion technology partner Fusionex.

A town hall session was held on 19 July 2022, to update companies and participating ministries and agencies on the services still available through Probity, the agency that facilitated the weekly business matching sessions during Expo 2020 Dubai.

A two-day business matching session facilitated by Probity will be held on 6 and 7 September 2022 followed by a sharing session the next day.



A webinar was held on 19 July 2022 to update companies on the opportunities still available through the virtual platform.





Dr Nor Azlina Ariffin, Undersecretary of the Technology Transfer and R&D Commercialisation Division of the Ministry of Science, Technology and Innovation (centre) presenting a souvenir to Aerodyne Middle East CEO Mr. Rabih Bou Rached (left) while Malaysian Green Technology and Climate Change Corporation Chief Executive Officer Shamsul Bahar Mohd Nor looks on.



Dr Nor Azlina Ariffin, Undersecretary of the Technology Transfer and R&D Commercialisation Division of the Ministry of Science, Technology and Innovation (fifth from left), Aerodyne Middle East CEO Mr. Rabih Bou Rached (sixth from left), Malaysian Green Technology and Climate Change Corporation Chief Executive Officer Shamsul Bahar Mohd Nor (fourth from left) together with other personnel posing in front of the Malaysia Pavilion building after the simple ceremony to hand over the building operations to Aerodyne Group.



Malaysia Pavilion Building Now Malaysia’s Technology and Innovation Hub in UAE

As part of its participation in Expo’s five-year legacy programme, the Malaysia Pavilion has been renamed Malaysia Technology and Innovation Hub in the UAE.

After the pavilion was decommissioned, officials from the Ministry of Science, Technology, and Innovation (MOSTI) handed the building to Aerodyne Group in a simple ceremony on 15 June 2022.

Malaysia is one of the pavilions selected to participate in the Expo’s five-year legacy programme, during which its structure will be repurposed and remain at Expo City Dubai, a “tech-enabled city of the future.” The Malaysia Technology and Innovation Hub in the UAE will be operated under a public-private partnership.

It will be managed by Aerodyne Group, which will use it as their second international headquarters. Aerodyne Group, which is ranked first in the world by DII’s Drone Service Provider Ranking 2021, is a perfect match for the five-year legacy programme.



Malaysia Pavilion Partners Laud Expo 2020 Dubai

Malaysian companies laud Expo 2020 Dubai, describing the world expo as a great platform to represent and promote the country’s brands and products to international business communities.

Partners of the Malaysia Pavilion appreciate the opportunity to represent the Malaysia brand and promote their innovations and creativity to the global markets.

Ahmad Azizi bin Ramdan, Head of Business at Durioo said: *“Expo 2020 Dubai will be embedded in Durioo’s history as the venue for the introduction of our Durioo+ Streaming Platform. The world expo has allowed us to gain access to the global markets, and with the support of the Malaysia Pavilion, we are off to a good start.”*

Claytan Group celebrated its 101st anniversary at the Malaysia Pavilion. Its **Director C.S. Chen said:** *“We took the occasion to reveal the transformation of Claytan 2.0. Our partnership with the Malaysia Pavilion as corporate partner has allowed us to share this momentous occasion at a global stage and we were honoured and appreciative of the opportunity to be part of the world expo.”*





Meanwhile Malaysia's homegrown biscuit brand and Malaysia Pavilion's industry partner, Julie's, aims to promote Malaysia's identity, capabilities and Julie's business aspiration to the Middle East and global markets.

Julie's Biscuits' Director of Sales and Marketing Martin Ang said: *"Our strategic partnership with Malaysia Pavilion has opened new opportunities for Julie's Biscuits in the global arena. The Middle East is an important market for us, and this successful showcase has further boosted our presence in the region, in line with the concept of a sustainable future."*

Marrybrown CEO Dato' Joshua Liew: *"Malaysia Pavilion offers the opportunity for Marrybrown to be a part of Malaysia's national agenda in this illustrious event and we were honoured to have been given the opportunity to showcase Malaysian cuisines and our local delights to more than 200 countries and millions of visitors in a single platform at the world's largest Expo 2020 Dubai."*

The Malaysia Café operated by Marrybrown and Nur Malaysia enjoyed brisk business during the expo



MGTC's Expo 2020 Dubai Team on the Stage



The Ministry of Environment and Water (KASA) hosted a dinner in June 2022 in appreciation of MGTC's efforts and achievements in implementing Malaysia's participation in Expo 2020 Dubai.

The dinner was attended by KASA Minister YB Dato' Sri Tuan Ibrahim Tuan Man, Deputy Minister YB Datuk Mansor Hj Othman, KASA Secretary-General YBhg. Datuk Seri Ir. Dr. Zaini Ujang, as well as other ministry and MGTC officials.

The Minister conveyed his thanks and appreciation to MGTC for a job well done and for displaying dedication, teamwork and commitment in carrying out its responsibility as implementing agency for Malaysia's participation in the world expo.

He also presented certificates of appreciation to the MGTC team and launched a coffee table book that records MGTC and KASA's journey in Expo 2020 Dubai.

Malaysia Pavilion Director Michelle Lau Sook Yee shared the team's experience before the event began and during the six-month expo from October 2021 to March 2022.



KASA Minister YB Dato' Sri Tuan Ibrahim Tuan Man gave a speech at the dinner to commemorate the achievements of the MGTC team



KASA Minister YB Dato' Sri Tuan Ibrahim Tuan Man holding the coffee table book entitled "The Chronicles of a Journey: Malaysia Pavilion Expo 2020 Dubai". Looking on are (from left) Deputy Minister YB Datuk Mansor Hj Othman, KASA Secretary-General YBhg. Datuk Seri Ir. Dr. Zaini Ujang and MGTC CEO Ts. Shamsul Bahar Mohd Nor





Success Story Sharing on Energy Audit Conditional Grant for the Industrial Sector under the 11th Malaysia Plan

Haikal Mohamad Shafie was invited to deliver a sharing session on the success story of similar project under the 11th Malaysia Plan. MGTC was the implementing agency for the industrial sector under the 11th Malaysia Plan. 108 companies from the industrial sector received the grant and successfully completed energy audit at their facilities. Similar project has been introduced by the Government under the 12th Malaysia Plan with SEDA Malaysia as the implementing agency for both industrial and commercial sectors.



On 16 June 2022, SEDA Malaysia organised a Seminar on Energy Audit Conditional Grant for Industrial and Commercial Sectors under the 12th Malaysia Plan at The Zenith Kuantan. MGTC's representative, Ts. Nik Mohd



Workshop on Solar Thermal System Training Module Development for Universiti Malaysia Pahang

On 21 June and 22 June 2022, Universiti Malaysia Pahang (UMP) organised a workshop on Solar Thermal System Training Module Development. The development of the training module is supported by the United Nations Industrial Development Organisation (UNIDO) through Malaysia Energy Efficiency and Solar Thermal Application Programme implementation. The objective of the workshop was to get technical opinions by industry panels on the developed training module which soon will be offered as a micro-credential programme by UMP. Ts. Nik Mohd Haikal Mohamad Shafie as one of the appointed industry panels joined the workshop.





Seminar on Promotional of ODELA Platform with SIRIM Eco Label Certified Companies



On 23 June 2022, MGTC together with SIRIM organised a promotion event which was held in Putrajaya Marriott Hotel. The objective of this event is to brief the current certified companies under the SIRIM ECO Labelling Scheme on the benefits of registration with ECO Label, MyHIJAU Mark and benefits on Green Technology Tax Incentives. This physical session has provided the participants with a clear understanding and insights on the criteria and requirement to be registered and listed under MyHIJAU Directory as well as on the available government initiatives to help developing local companies and entrepreneurs embarking on green businesses.





Energy Efficiency Awareness Talk – Kementerian Pelajaran Malaysia

On 24 June 2022, the Ministry of Education organised the Energy Efficiency Awareness Talk held at Parcel E Block E8, Putrajaya. MGTC's representative, Ts. Mohd Khairil Rumli was invited to deliver the talk titled "Peranan Kita Di Rumah Dan Pejabat Dalam Kecekapan Tenaga". The programme focuses on the importance of energy management as well as the roles of the staff in energy efficiencies at their workplace and in their daily life. The programme

is one of the initiatives from the organisation to provide awareness on energy efficiency among their staff and to support the government's initiatives in ensuring the efficient use of energy, especially for the building and industrial sectors.





Technical Site Visit to Jeram Sanitary Landfill, Jeram, Selangor

On 5 July 2022, Green Incentives Team visited one of the companies that has been approved by MIDA for the incentive which is owned by Jana Landfill Sdn. Bhd. located in Jeram, Kuala Selangor district. The objective of this site visit is to fulfill the technical requirements as well as to gain knowledge and exposure on the processes that are involved in biogas energy generation. Through this visit, the exposure on the technology, equipment, operation and maintenance are helpful for MGTC in carrying out the technical evaluation process for future GITA Project application involving biogas.



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