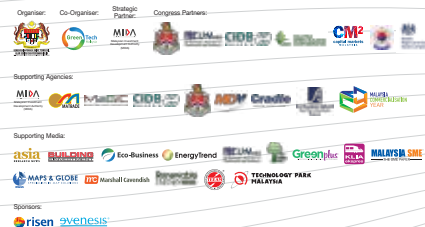


GREEN ECONOMY & INDUSTRY 4.0 :

Achieving Sustainable Development Goals



DAY 2 SHOW DAILY 18 OCTOBER 2018



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IGEM 2018 LAUNCHED TO DRIVE REGION'S GREEN ECONOMY

Theme Aligned With United Nation's SDGs Sustainability Blueprint



The 9th International Greentech & Eco Products Exhibition & Conference Malaysia (IGEM), the region's most successful green technology, business and innovation platforms in ASEAN, themed 'Green Economy & Industry 4.0: Achieving Sustainable Development Goals' was officiated by Minister of Energy, Science, Technology, Environment & Climate Change, YB Puan Yeo Bee Yin.

Organised by the Ministry of Energy, Science, Technology, Environment & Climate Change (MESTTECC) through Malaysian Green Technology Corporation (MGTC), with an ambitious aim to drive the region's green economy, IGEM 2018 targets to generate RM2.5 billion in business leads.

"The United Nation's SDG has laid very clear areas, and aligning IGEM to them was deliberate and purposeful. Over the years, IGEM has played an increasingly prominent role in growing the nation's green agenda. With

growing influence, IGEM is well positioned to lead the region's green economy by providing a platform to showcase the latest sustainable technology developments and green business investments.



"IGEM 2018 is another step forward in the region's sustainable agenda, bringing together delegates, speakers, financiers, trade members and other stakeholders from across the world to gain greater insight in creating sustainability solutions that are practical, proven and cost-effective"- YB Puan Yeo Bee Yin

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A hive of activities for new MESTTECC minister

It has been an action-packed day for the MESTTECC Minister, YB Puan Yeo Bee Yin.

After opening IGEM 2018 followed by a tour of exhibition booths and later addressing a forum on Zero Single Use Plastic: Malaysia's Road Map to Sustainable Future, the energetic YB Yeoh as she is fondly known, even took time off to attend a host of events by the Sustainable Energy Development Authority (SEDA) Malaysia in the late afternoon.

They included the launch of Malaysia's first photovoltaic (PV) monitoring system; the solar insurance policy for residential and commercial solar PV owners (following a collaboration between Allianz Malaysia Bhd and Anora Agency Sdn Bhd) as well as witnessing three memorandum of understanding (MoU) exchanges between SEDA and the Asian Development Bank, the Japanese Business Alliance for Smart Energy Worldwide and APX Inc.

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Malaysia's Roadmap Towards Zero Single Use Plastic



The first day of IGEN 2018 was officiated by YB Yeo Bee Yin where it also marked the unveiling of Malaysia's 'Roadmap Towards Zero Single Use Plastic', which outlines the country's single strategy to holistically phase-out single use plastics. The Roadmap looks to guide consumers in gradually adapting a more environmentally friendly options via economic instruments, education and awareness programmes.

"One of the keys to creating a greener future, lies in locking down plastic pollution. This roadmap helps us address the environmental impact of single use plastic by offering practical and proactive ways to the rakyat to lessen our plastics usage."

- YB Puan Yeo Bee Yin

What's on Day 2 of IGEN 2018

18 OCTOBER 2018 (THURSDAY)

TIME	PROGRAM	VENUE
10.00 AM - 6.00 PM	IGEM EXHIBITION	HALL 1-3
10.00 AM - 6.00 PM	MIDA BUSINESS CONSULTATION	MIDA BOOTH NO 1267
9.00 AM - 6.00 PM	TOWARDS NET ZERO ENERGY BUILDING CONFERENCE	PLENARY THEATRE, LEVEL 3
9.00 AM - 1.00 PM	LOW CARBON MOBILITY WORKSHOP	HL 1, HALL 1
9.00 AM - 10.00 PM	YOUNG INNOVATOR DEVELOPMENT WORKSHOP	IMPIANA HOTEL
9.30 AM - 1.00 PM	LCCF DIAMOND AWARD RECOGNITION	STAGE 2, HALL 4
10.00 AM - 1.00 PM	ENERGY MANAGEMENT GOLD STANDARD - AEMAS	STAGE 1, HALL 4
11.45 AM - 1.00 PM	IGEM VIP EXHIBITION TOUR	OVERALL EXHIBITION HALL 2
2.00 PM - 3.00 PM	MCY AWARDS & MOU/MOA CEREMONY	MCY PAVILION, HALL 2
3.00 PM - 3.15 PM	INTERVIEW SESSION WITH YB MINISTER	MCY PAVILION, HALL 2
3.15 PM - 3.30 PM	INTERVIEW SESSION WITH Secretary General (MCY CHAT)	MCY PAVILION, HALL 2
2.30 PM - 5.00 PM	STARGAZER MENTORING	HL 2, HALL 2
2.30 PM - 5.00 PM	WORKSHOP ON RENEWABLE ENERGY CERTIFICATES IN MALAYSIA	STAGE 1, HALL 4



Deputy Minister of MESTECC at Sabah Pavillion.



Elina Jani; Chief of Strategic Communications with DBKL representatives during the WECP event.

World Energy Cities Partnership – Mayors' Congress



For the first time, IGEN played host to the World Energy Cities Partnership – Mayors' Congress. This momentous event saw 4 Mayors and delegates from 11 members cities exploring opportunities to incorporate environmental technologies to power green cities.

SEDA Malaysia Signs Three MoUs

Sustainable Energy Development Authority (SEDA) Malaysia signed a total of three memorandums of understanding (MoU) involving the Asian Development Bank (ADB), the Japanese Business Alliance for Smart Energy Worldwide (JASE-W) and APX Inc at IGEN 2018.

MESTECC Minister Yeo Bee Yin said under the the MoU with ADB, the bank will provide three energy experts to thoroughly study the Renewable Energy Transition Roadmap (RETR) 2035 action plan.

"Besides this, the MoU between SEDA and JASE-W will give both parties the opportunity to exchange knowledge on energy conservation and efficiency, especially in the development of Zero Energy Building in Malaysia," added the Minister.

The MoU with APX Inc will recognise SEDA as the Qualified Reporting Entity (QRE) for the registration of Tradable Instrument for Global Renewables Registry (TIGRs) which provides a platform for the trading of Renewable Energy Certificates (REC).

IGEM 2018 Conference with 40 Panel Speakers



EU-Malaysia Chamber of Commerce and Industry

MESTECC will be cooperating very closely with the Ministry of Primary Industries to further Malaysia's Sustainability efforts.



Capital Markets Malaysia Green Financing Forum

This forum by Capital Markets Malaysia at IGEN is timely in not only addressing concerns about the financial viability of green projects, but also in highlighting proven success from financing green projects in accordance with Islamic banking principles.



8th Malaysia-Korea Energy Cooperation Workshop

We are very grateful to the Embassy of The Republic of Korea for their long standing support in sharing their renewable energy plans with Malaysia. This bilateral exchange has eased our transition in implementing Malaysia's renewable energy framework.



Towards Net Zero Energy Building by CIDB and MGBC

In adopting green building principles to development projects, there are many challenges that are unique to the Malaysian climate to overcome. This initiative by CIDB and MGBC is timely and will no doubt benefit many in architecture, design and construction.



Seminar by the British High Commission of KL

Scaling up clean energy generation and low carbon innovation : Opportunities and Challenges from the UK and Malaysian perspectives. Our partnership with the British High Commission enables us to mutually address climate change by pursuing clean energy, better waste management and adopting low-carbon technologies that have further expanded trade and fostered improved.

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GREENTECH MALAYSIA INKS MOU WITH FUTURE ELECTRIC VEHICLE

BOOTH NO.
2177
-2182
(HALL 2)

GreenTech Malaysia and Future Electric Vehicle Sdn Bhd has signed a memorandum of understanding (MoU) to forge a collaboration in the development of affordable electric motorcycles and battery swapping system.

Future Electric Vehicle is a technology frontier company specialising in the development of electric motorcycles in Malaysia and ASEAN countries. This endeavour is to enable the option of affordable e-bike and encourage the population to use e-bikes to replace conventional bikes.

The company will develop a practical battery swap system for electric bike that reduces the ownership price by separating battery cost from the overall manufacturing cost of the bike.

Both signatories will jointly initiate the adaptation of the e-bike in universities and also in Pulau Langkawi as part of the Low Carbon Island Initiative. The product can also benefit the delivery services industries.

GreenTech Malaysia was represented at the signing ceremony by its CEO Dr Mohd Azman Zainul Abidin while Future Electric Vehicle was represented by its CEO Syed Ahmad Faiz Al-Jamalullail bin Syed Yusoff Fadzil Al Jamalullail.



MAKING SUSTAINABLE PALM OIL THE NORM

BOOTH NO.
2219
-2232
(HALL 2)

The Roundtable on Sustainable Palm Oil (RSPO) sees IGEN 2018 as an ideal platform to engage with different stakeholders, including governments and consumers, in its quite to make sustainable palm oil the norm.

"Besides creating the awareness among the public, we believe that IGEN can also help us to create a sense of shared responsibility within the palm oil industry," RSPO Global Outreach & Engagement Director Stefano Savi tells Show Daily.

RSPO is a not-for-profit, international membership organisation that unites stakeholders from the seven sectors of the palm oil industry: oil palm producers, processors or traders, consumer goods manufacturers, retailers, banks/investors, and environmental and social NGOs to develop and implement global standards for sustainable palm oil.

Through a multi-stakeholder approach, RSPO has developed a set of environmental and social criteria which companies must comply with in order to produce Certified Sustainable Palm Oil (CSPO).

As of today, more than 4,000 RSPO members worldwide have committed to produce, source and/or use sustainable palm oil certified by the RSPO, thus enabling the global body to achieve it shared vision of making sustainable palm oil the norm.



CLEANER AIR WITH CK INJECTOR

BOOTH NO.
2147
-2158
(HALL 2)

For industries that are concerned towards environmental and humanity protection as well as cleaner air, the solution is now readily made available through the tested Korean innovation of CK Injector made by CK World Co. Ltd.

Taking part in IGEN 2018, CK World Vice President, Mr. Jin Bae, Park, expresses confidence that his company's product would be able to perform to the expectations of his customers with the employment of CK Injector.

"The CK Injector helps to amplify the volume to purify and increase efficiency of the air. Its efficiency increased by more than doubled rate compared to the conventional method. In Korea, its industrial application has been utilized by several industries including, steel, power plant, cement, petrochemical, incinerators, and food sector.

"Patented in 2008, the CK Injector is not only popular in Korea, but has also stamped its mark in Japan and China.

"Our objective in IGEN 2018 is to introduce the product to Malaysia and also the ASEAN region. At the same time, we are also seeking for distributors, agents and/or business partners to represent our interest in this region," said Park. CK World Co. Ltd. was established in 2002 and today is the leading manufacturer of air purifying products and solutions for industrial usage.



GREEN TECH WATER & GAS PIPES BY COATING KOREA CORP

BOOTH NO.
2147
-2158
(HALL 2)

To majority of ordinary people around the globe, water and gas pipes are simply ordinary to serve their daily purpose. However, for Coating Korea Corp. it's a different ball game as far as health, humanity and environment is concerned.

Having built a strong reputation as "the best coating and piping specialist", Coating Korea Corp. leverages on green technology and innovation to serve its target customers with the highest international standards in the manufacture of its products and services.

Making its debut in IGEN 2018, the company was selected to participate in the four-day event after successfully obtaining yet another accreditation of international recognition at the beginning of this year.

Established since 1994, its unique products which have been utilized by the relevant industries in Korea for 60 years continue to be in great demand.

According to Mr. Kim Dong Joo, Vice President (Sales Team Leader), Coating Korea Corp's main objective in IGEN 2018 is to showcase its unique products which are only one of its kind in Korea.

"We were the first product in the world 60 years ago. And, till today, Japan is the only county that produces such products though smaller in diameter size. By showcasing these unique products, we are hopeful of seeking new business opportunities in Malaysia and ASEAN region," added Kim.

Coating Korea Corp. manufactures a wide range of products that are internally and externally coated, and does not require any welding. They range from polyethylene powder lining street pipes for water works; polyethylene coated line pipes; 3-layer epoxy-polyethylene coated line pipes; fusion bonded epoxy coated line pipes; and polyethylene coated fittings.



KEITI SHOWCASING SIX COMPANIES AT IGEN 2018

BOOTH NO.
2147
-2158
(HALL 2)

Korea Environment Industry & Technology Institute (KEITI), an agency under the Ministry of Environment, has once again makes its presence felt at IGEN 2018 showcasing six companies under the Korean national pavilion.

Taking part in the IGEN series since its inception, KEITI is introducing the "New Excellent Technology (NET) & Environmental Technology Verification (ETV) system that was introduced by its Government in 1977.

The NET and ETV system verifies and certifies the performance and filed applicability of new technologies through an extensive and comprehensive process. As at July 31, 2018, the cumulative certification technology for NET stood at 427, while ETV was 225. Meanwhile, the effective certification technology was 161 for NET and 74 for ETV during the same period.

According to KEITI head of delegation, Ms Choi Ko Eun said the NET and ETV issued technologies applied as at July 31, 2017 was 2,320 sites, while net sales was 4,180 (100M KRW).

"In addition, KEITI is also responsible for the promotion of Green Certification which covers a wide scope from renewable energy, carbon reduction, high-tech water resources, to green IT, eco-agricultural food and environmental protection and preservation, among others," she added.

The latest introduction and promotion by KEITI at IGEN 2018 also include the Environmental Information Disclosure Scheme practiced in Korea. Its target audiences are central governments and local governments, public institutions, national and public universities, corporations and many others.

The six participating companies under the Korean Pavilion are Coating Korea Corp., Green Polytex Co., Ltd, Econity Co., Ltd, Shintek Corporation, Sonusys Co., Ltd and CK World Co., Ltd.



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MCY@IGEM 2018

BOOTH NO.
2233
-2246
(HALL 2)

The Malaysian Commercialisation Year 2018 will be staged at IGEN 2018. Known as MCY@IGEM 2018, it will continue to recognize local commercialised R&D products and/or technologies.

Various exciting programs have been outlined at MCY @ IGEN this year, namely: (i) MCY 2018 Award; (ii) Stargazer Mentoring; (iii) Angels on the Plane; (iv) Pocket Talks; and (v) Exhibition.

The Malaysia Commercialisation Year was first initiated in 2016. To date, 303 products been successfully commercialised with sales turnover of RM290.88 million.

According to Dr. Nor Azlina Ariffin, head of MCY Secretariat as well as Under-Secretary of Technology Transfer & R&D Commercialisation Division, MESTEC, the research and development and innovation (R,D&I) results from local research institutions as wealth generator through commercialisation process.

"MCY is also a platform to raise awareness of stakeholders and the people about the potential of innovation and commercialisation in raising the nation's revenue.

"The goal of MCY's implementation is to streamline R,D&I commercialisation initiatives and develop commercialisation ecosystems to make Malaysia a competitive technology hub and a high-income nation," she added.

Implementation of MCY is encompassed in three phases – the first phase in 2016, second phase from 2017 to 2019 and third phase in 2020 and beyond.

The product and technology known as the MCY Special KPIs have brought together relevant research institutes, universities and related technology development agencies whom have pledged to commercialise up to 360 products/technologies from various categories by the year 2020.

Throughout 2018, the Ministry of Energy, Science, Technology, Environment and Climate Change (MESTEC) has paved ways in propelling R&D products/technologies to commercialisation by evaluating the commercial readiness of the R&D products/technology and offering them out into the marketplace. The aim is to help R&D products/technologies in carving a niche market for themselves in their respective sectors.

These programs are expected to help local R&D products and/or technologies engaging business opportunities and to help boost the country's economy. This is in line with the theme of International Greentech & Eco Products Exhibition & Conference Malaysia (IGEM), namely "Green Economy & Industry 4.0: Towards Sustainable Development Goals".

One of the highlights of MCY 2018 programme is the MCY 2018 Award. Nominations for the award are open to all agencies/ organisations that contribute to the MCY 2018 Special KPIs. The awards are given to recognise the agency as well as to encourage interest in the R&D development towards the commercialisation of local products and technologies.



CENVIRO IN PURSUIT OF RENEWABLE ENERGY SOLUTIONS

BOOTH NO.
1113
-1114
(HALL 1)

Cenviro Sdn Bhd, Malaysia's waste management industry pioneer, sees its participation in IGEN 2018 as timely given its pursuit of innovative and sustainable waste management and renewable energy solution.

"This is our fourth outing at IGEN ... we always regard GreenTech Malaysia (organiser of IGEN) as our industry stakeholder," Cenviro's Head of Corporate Communications Ismawati Mohd Shah tells Show Daily.

Cenviro which stands for 'Clean Environment' is the flagship of Khazanah Nasional Bhd's investment in sustainable development.

As the leader in Green Revolution, Cenviro through its subsidiary Kualiti Alam Sdn Bhd owns Malaysia's first integrated Waste Management Centre in Negeri Sembilan which has been operational since 1998.

The centre holds the license to handle 76 categories of 77 scheduled wastes listed under Environment Quality (Scheduled Wastes) Regulation 2005 for collection, treatment, recycling, recovery and final disposal.

Cenviro's expertise in waste management is reflected in its Environmental Preservation and Innovation Centre (EPIC) in Negeri Sembilan which has been certified as a Platinum Green Building Index (GBI rating).

The Centre aims to develop national and institutional knowledge and provide innovative and reliable solutions for the complete spectrum of waste management and renewable energy.



MAKING SMART MOBILITY A WAY OF LIFE

BOOTH NO.
2219
-2232
(HALL 2)

Touting itself as the gateway to smart mobility, the Netherlands through its Embassy in Kuala Lumpur is offering the necessary knowledge, innovation, best practices and deployment options for smart mobility solutions.

Boasting an optimised environment for the research, testing and deployment of transformative mobility technologies, the country through its Smart Mobility Embassy is able to offer cutting edge deployment area, regulatory innovation, state-of-the-art infrastructure, facilities & support as well as proof of performance.

In this regard, the Dutch Embassy has collaborated with Arcadis Malaysia, a design consultant in natural and built assets, which is currently promoting its Deep Orange programme aimed at improving livability in Kuala Lumpur.

"Towards this end, we have co-hosted a workshop on that subject with Invest KL which is very much part of our 'Citizen in Motion' campaign," Arcadis Client Development Lead (Malaysia) Fariha Norizan tells IGEN 2018 Show Daily.

"The Deep Orange initiative aligns with Arcadis vision of improving life quality and we are the first organisation to have pioneered such concept on a global scale."



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