

# GREEN ECONOMY & INDUSTRY 4.0 :

Achieving Sustainable Development Goals



DAY 3 SHOW DAILY 19 OCTOBER 2018



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## IGEM 2018 Day 2 was Another Eventful Day for Both Exhibitors and Visitors

### IGEM 2018 Best Booth Awards

Day 2 of the show saw Elina Jani; Chief of Strategic Communications of GreenTech Malaysia giving out the awards to Exhibitors who won in each categories.



Winner

DITROLIC SDN BHD

1<sup>st</sup> Runner Up  
PLUS SOLAR

2<sup>nd</sup> Runner Up  
HANWHA Q CELLS MALAYSIA SDN BHD



Winner

KOREA

1<sup>st</sup> Runner Up  
ABB MALAYSIA SDN BHD

2<sup>nd</sup> Runner Up  
CENVIRO SDN BHD



Winner

XI'AN LONGI NEW ENERGY CO., LTD

1<sup>st</sup> Runner Up  
EMBASSY OF HUNGARY

2<sup>nd</sup> Runner Up  
DAIKIN MALAYSIA SALES & SERVICE SDN BHD



Winner

PENANG STATE GOVERNMENT

1<sup>st</sup> Runner Up  
MINISTRY OF FEDERAL TERRITORIES

2<sup>nd</sup> Runner Up  
SELANGOR STATE GOVERNMENT

### All round good news for RE stakeholders

Zero capex. Potential cost savings in electricity cost and hedging for future energy cost. Customers get to be green consumer.

The above are all-round benefits awaiting consumers under the Supply Agreement for Renewable Energy (SARE) initiative in which the Government is keen to encourage other investors to provide similar packages to encourage rooftop solar photovoltaic (PV) uptake.

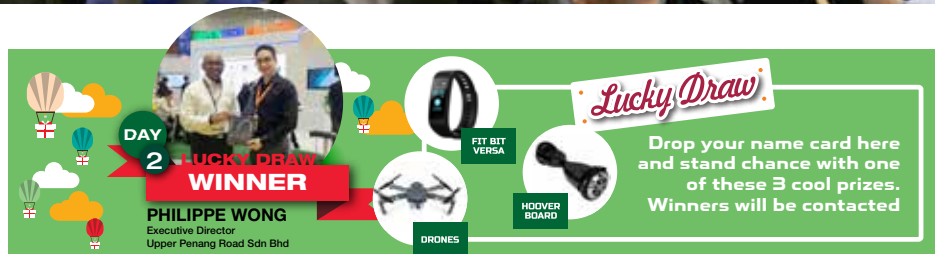
"GSPARX Sdn Bhd (a wholly owned subsidiary of Tenaga Nasional's TNB Renewables Sdn Bhd) will unlock value for installers by providing more installation opportunities," announced YB Minister Yeo Bee Yin.

According to Yeo, the initiative is a purely business-to-business, hence not going to burden the Government.

"To the Government, higher off-take means we move closer to the 20% renewable

energy (RE) target by 2025." The target is 500MW by 2020.

Solar energy is one of the main sources for RE in Malaysia. The cost of solar PV modules has fallen by 80% since 2009.





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### What's on Day 3 of IGEN 2018

#### 19 OCTOBER 2018 (FRIDAY)

TIME	PROGRAM	VENUE
10.00 AM - 6.00 PM	IGEM EXHIBITION	HALL 1-3 KLCC
10.00 AM - 6.00 PM	MIDA BUSINESS CONSULTATION	MIDA BOOTH NO 1267
9.00 AM - 4.00 PM	GREENING MALAYSIA'S ENERGY – A NATIONAL POLICY ROUNDTABLE	MANDARIN ORIENTAL
9.00 AM - 7.00 PM	YOUNG INNOVATOR DEVELOPMENT WORKSHOP	IMPIANA HOTEL
10.00 AM - 12.00 PM	GREEN PURCHASING & INCENTIVE SEMINAR	HL 1, HALL 1 KLCC
2.45 PM - 3.00 PM	IGEM PRESS CONFERENCE : MoU MGTC ISKANDAR HALAL PARK & GiZ	PRESS CENTRE, HALL 2, KLCC
3.00 PM - 5.00 PM	MINISTER'S DIALOGUE ON GREEN TECHNOLOGY INVESTMENT	HL 1, HALL 1 KLCC
3.00 PM - 4.45 PM	ANGELS ON THE PLANES	POCKET TALK HALL 3
5.45 PM - 6.00 PM	MINISTER INTERVIEW WITH NHK	MESTECC PAVILION HALL 1
8.00 PM - 10.00 PM	NATIONAL ENERGY AWARDS DINNER	BANQUET HALL

### 24 Organisations receive The Energy Management Gold Standard (EMGS) Award

The Energy Management Gold Standard (EMGS) Award was presented to 24 organizations (6 certified 2-Star and 18 certified 1-Star) and 3 new certified assessors. It is a recognition given under the ASEAN Energy Management Scheme (AEMAS), to end-users who have successfully implemented sustainable energy management system according to

the scheme's requirement.

The awards ceremony was graced by the Honourable Dato' Seri Dr. Chen Chaw Min, Secretary-General of Ministry of Health. Also present were the Honourable Puan Isnaraissah Munirah binti Majilis, Deputy Minister Energy, Science, Technology, Environment and Climate Change, Syed

Ahmad Bin Syed Mustafa, COO of Greentech Malaysia, Dato' Dr. Mohd Azhari Yakub, CEO of the National Institute of Health, Dato' Mohsen Hasbullah, President of Malaysian Energy Professionals Association, MEPA and Ir. Azhar Omar, CEO of Energy Commission.



The Energy Management Gold Standard (EMGS) Award

### World Energy Cities Partnership (WECP) Mayor Congress



World Energy Cities Partnership (WECP) Mayor Congress was held successfully with 110 participants taking part.



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## CLENERGY OFFERS MALAYSIA-FRIENDLY MOUNTING SOLUTIONS

BOOTH NO.  
**1091**  
**-1092**  
(HALL 1)

Clenergy (Xiamen) Technology Co Ltd, one of China's leading solar mounting system providers, is showcasing various roof mount and ground mount systems that are ideal for the Malaysian market at IGEN 2018.

"All our products and solutions are featured with fast installation and high quality," its marketing manager Kelly Guo tells Show Daily. "We also provide customised solutions to cater to all types of site conditions, no matter how challenging they are."

With its genesis in Australia and foot print across the world, Clenergy has grown from being a boutique solar solutions provider to a passionate, globally renowned renewable energy company with nearly 400 employees and offices around four continents.

Clenergy is committed to locally deliver a wide range of products and services.



## SAVING ENERGY COST WITH SOLAR POWER

BOOTH NO.  
**2135**  
**-2136**  
(HALL 2)

Solarvest Energy Sdn Bhd, Malaysia largest and leading turnkey Solar Photovoltaics (PV) solution provider, is a specialist in helping homes and businesses lower their electricity bill.

With its extensive portfolio that ranges from rooftop solar system to building colossal solar farms, the company is committed to deliver long-term durability and high performance solar systems, according to its marketing communication executive Calvin Lee.

"With more than 100 solar energy advocates working for the company, our top engineers and project developers are SEDA Malaysia GCPV-certified solar energy experts," he tells IGEN 2018 Show Daily.

Very broadly, the services of Solarvest range from project development, independent power producer license and power purchase agreement to project finance & investment, project design & engineering, project construction, project commissioning and operations & maintenance.

"We have constructed more than 230MW of PV to date which makes us the biggest engineering, procurement, construction & commissioning (EPC) service provider in this region," adds Lee.



## SERIES 6 POWERS FIRST SOLAR'S PV SYSTEM

BOOTH NO.  
**1054**  
(HALL 1)

First Solar, a leading global provider of comprehensive photovoltaic (PV) solar systems to showcase the robustness and versatility of its Series 6 PV module.

The Series 6 PV module sets new industry benchmark for its reliability, design and environmental performance while generating more energy per module than competing technologies.

"The Series 6 module is a next-generation technology built on First Solar's unique manufacturing process that ensures unparalleled quality control for every component of the module," says the company's Business Development & Sales Manager (Southeast Asia) Antoine Wagschal.

In essence, First Solar's integrated power plant solutions delivers an economically attractive alternative to fossil-fuel electricity generation today. The easy-to-install, thin film Series 6 modules deliver more watts per connection (420+ watts) than the 72-cell silicon modules (<400 watts).

First Solar prides itself for having substantially investing in R&D to advance its technology, thus rapidly increasing its energy yield, lower LCOE (levelised cost of electricity) and provide stable grid integration.



## FASTENSOL SHOWCASES SOLAR MOUNTING PRODUCTS

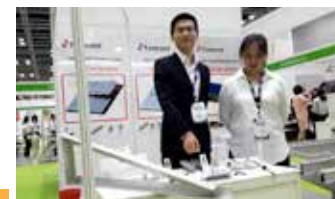
BOOTH NO.  
**1053**  
(HALL 1)

First time exhibitor, Xiamen Fasten Solar Technology Co Ltd (Fastensol) display its range of solar mounting rack.

According to company representative Johnny Lin, among Fastensol's popular products include:

- F-TILE system for slope tile roof
- F-TIN system for trapezoidal sheet metal roofs or corrugated fibre cement roofing
- F-CLAMP for roofs with different profile seamed metal roofing
- F-TILT for trapezoidal sheet metal roofs
- F-TRI for flat and sloped roofs
- F-TERRAIN AL for concrete or helix piles foundation

Founded in 2012, Fastensol's products have passed several professional benchmarks such as the American UL, UK MCS and Australia AS/NZS. At present, its photovoltaic power station auxiliary products have been sold to over 20 countries or regions in the world.



## TURNING MUNICIPAL SOLID WASTE INTO ENERGY

BOOTH NO.  
**2147**  
**-2158**  
(HALL 2)

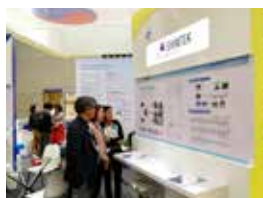
Turning Municipal Solid Waste (MSW) into energy through innovative technology and expertise in this lucrative industry has made Shintek Corporation a market leader in Korea.

Established in 1999, Shintek Corp has sold more than 100 sets of its eco-friendly and innovative waste resource system in Korea, China, Taiwan, Japan, Mongolia and Philippines.

Its Executive Director, Mr. Kim Jang Wook, says his company's core business lies in its Shintek Recycling system for the building of MSW treatment plant, MSW sorting plant, construction of waste recycling plant and production of RDF (refuse-derived fuel).

The differentiation success factor against its competitors lies in the new modular system which is smaller and has a higher velocity for waste treatment. Additionally, its fabrication offers higher manufacturing efficiency and movability, thus a shorter construction period. It is also competitively priced compared to the European system and has gained international recognition.

Taking part at IGEN 2018, Shintek Corp's aim is to introduce and promote its technology to potential buyers in Malaysia.



## ECONITY MBR PROCESS MAKES WATER ALIVE

BOOTH NO.  
**2147**  
**-2158**  
(HALL 2)

With its tagline, "We make water alive" and using the Membrane Bio Reactor (MBR) system speaks volumes of Econity Co. Ltd as Korea's market leader and manufacturer for membrane and technology provider in waste water treatment and sewage plants. They commands 50% share of the market.

Mr. Seo Young Hun, Engineering Department Manager, says his company had posted the highest number of MBR experience totaling 2,000 sites with a total water flow rate of over 264 MGD in 2017.

During the same period, the total KSMBR recorded was 200, while total KSMBR flow rate volume was more than 116 MGD.

Participating in the IGEN annual series for the second time, Seo says Econity aims to make its presence felt by educating and promoting to its targeted audiences in Malaysia and the region on the advantages and benefits of utilizing its MBR system.

Apart from the MBR process, its other products featured in the exhibition includes the CF system and E-Type Hollow Fiber - the world's first PVDF hollow fiber membrane utilizing the TIPS-Stretching method.

In Malaysia, the company is represented by its exclusive agent DJ Water Sdn Bhd since 2014.

Among the target markets of DJ Water for its waste water treatment plant technology and products are municipal councils, state and federal governments and relevant corporations in the sector.

To date, DJ Water has installed waste water treatment plants using Econity technology for four wholesale markets in Kuala Lumpur and one in Johor. Meanwhile another major sewage plant in Kuala Lumpur is under construction.





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### WORLD'S FIRST PE PIPES MADE OF RECYCLED PLASTIC WASTE

Korea's Green Polytech Co., Ltd has certainly lived up to its undisputable reputation as a committed advocate of using green technology in the manufacture of environmental-friendly products.

The company has been recognized as the world's first and only corporation to produce sewage pipes through its patented innovative technology from recycled plastic waste.

The technology was developed in 2007 and is the only such one in the world.

Making its debut in IGEN 2018, Green Polytech manager, Mr. Park Dae Kwon says his company takes great pride in its technological advancement as the only manufacturer of the new and innovative PE pipe of multi-layers which is moulded by innovative spiral winding method of pressed multi-sheets with synchronous thermal adhesion.

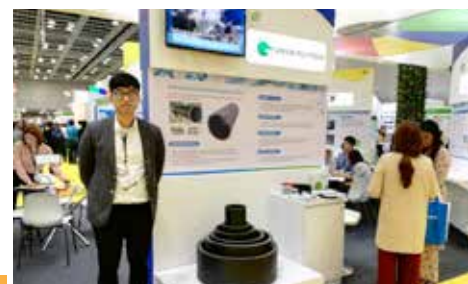
He says the product is more robust compared to the conventional double-wall structured PE pipe with hollow.

"Synchronous thermal adhesion makes it solid as one body, which is impossible for each layer to become detached. It prevents the weakness of other PE pipes for the breakage of adhesion part in case of sinking ground or concentrated load.

"Other distinguished features of the product include stability, perfectly waterproof, efficient installation and economically efficient," Park proudly added.

Green Polytech's main objective of taking part in this year's showcase is to promote its technology and to seek collaboration with Malaysian companies in exploring new business opportunities as well as technology transfer in the future.

Having received positive enquiries in the past two days, Park expressed confidence that Malaysia's central locality in the region would serve as an appropriate platform for his company to target the regional Asean market.



BOOTH NO.  
**2147**  
**-2158**  
(HALL 2)

### SONUSYS' HIDDEN RAIL SYSTEM ENSURES TOTAL INSULATION

Mitigating heat loss or energy of windows will ensure total insulation, thus resulting not only in energy savings but offers of a more comfortable and convenient lifestyle.

The world's first new technology developed by Sonusys Co., Ltd of Korea is set to make wave in both temperate and tropical homes, offices and high rise buildings.

Known as the "Hidden Rail System", Sonusys products use rail covers to conceal the lower parts of windows. This newly developed systems has contributed to clean and neat lower part of the window systems.

The new eco-friendly and energy efficient products can be employed to improve insulation performance, water and air tightness, wind resistance, pressure resistance and anti-condensation. It is applicable to installation of the window system, door system, sliding windows and curtain walls.

Developed 20 years ago, Mr. Choi Won Ki, Head of Research Center, says the system offers numerous benefits and security efficiency. "We are proud that our company has been ranked as the second largest supplier of window to government buildings in Korea."

Taking part in IGEN 2018 for the first time, Choi says his company is keen to seek partners in Malaysia to distribute its system and products.

"We have received very good enquiries over the past two days and are in deep discussion with some serious business outfits. We are happy to take part in this exhibition and are confident of widening our potential in this part of the world in the near future," said Choi.

With its Intellectual Property (IP) registered in USA, EU, China, Japan, Hong Kong and Korea, Sonusys' products have gain international certification for its capability, reliability and innovativeness. Its systems and products are also distributed in Vietnam, Myanmar and China.



BOOTH NO.  
**2147**  
**-2158**  
(HALL 2)

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INTERNATIONAL GREENTECH & ECO PRODUCTS EXHIBITION & CONFERENCE MALAYSIA  
**2019**

**9<sup>th</sup>-11<sup>th</sup> OCTOBER 2019**

KUALA LUMPUR CONVENTION CENTRE, MALAYSIA

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