



SINGAPORE ENVIRONMENTAL ACHIEVEMENT AWARDS 2018

HELD IN CONJUNCTION WITH

SEC CONFERENCE DAY 2018

ORGANISED BY



Singapore
Environment
Council

SINGAPORE'S FIRST UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)-ACCREDITED ENVIRONMENTAL NGO

ABOUT THE SINGAPORE ENVIRONMENTAL ACHIEVEMENT AWARDS

The Singapore Environmental Achievement Awards (SEAA) is a pioneer among environmental awards in Singapore and the region. Launched in 1997 to inspire local organisations to incorporate best environmental practices, the awards has since blossomed into a regional affair over the last 21 years. From the public sector to manufacturing and services industries, the SEAA has been key to influencing some of the best practices in corporate sustainability.

The awards criteria focus on assessing organisational leadership, real environmental improvements, and the organisation's ability to establish procedures, train staff and innovate to achieve breakthroughs in environmental performance.

Companies recognised by the SEAA join an elite pool of organisations which have affirmed their commitment to environmental excellence. Previous award winners include Marina Bay Sands, Nanyang Technological University, Glaxo Wellcome Manufacturing, Ricoh Asia Pacific, Grand Hyatt Singapore, Asia Pacific Breweries, Greenpac, Keppel Land Limited, Institute of Technical Education, Woodgrove Secondary School, as well as regional players like KUB-Berjaya Enviro Sdn Bhd, Orient Overseas Container Line and YTL Corporation Bhd.

This year, as part of the Year of Climate Action 2018, the SEAA is held in conjunction with the annual SEC Conference Day with a key focus on ethical green consumerism and reducing plastic waste.

For more information on the SEAA, please visit www.sec.org.sg/seaa.

AWARD CATEGORIES

1. SEC-Setsco Singapore Environmental Achievement Award (*Manufacturing*)
2. SEC-STATS Asia Pacific Singapore Environmental Achievement Award (*Services*)
3. SEC Singapore Environmental Achievement Award (*Public Sector*)
4. SEC-CITIC Telecom Singapore Environmental Achievement Award (*Regional*)
5. SEC-MPA Singapore Environmental Achievement Award (*Maritime*)
6. SEC-Senoko Energy Green Innovation Award
7. SEC-CDL Outstanding Environmental Achievement Award

RE-ECONOMY: CREATING A NEW PLASTICS ECONOMY



The population of Singapore is using a minimum of 1.76 billion plastic items each year, according to a new study by the Singapore Environment Council (SEC). This includes 820 million plastic bags from supermarkets, 467 million PET bottles, and 473 million plastic disposable items.

Other key findings of the study showed that Singapore's recycling rates can be improved by strengthening downstream recycling efforts and supporting markets within Singapore that demand recycled plastic.

The study results are incorporated into a more extensive research report into consumer use of plastic and the waste ecosystem in Singapore. The full position paper seeks to provide a deeper analysis of the plastic resource ecosystem and the lifecycle of plastics, achieved through exploring a wider scope that includes plastic bags, plastic disposables and PET bottles. This position paper is the culmination of an eight-month study, commissioned by SEC jointly with Deloitte & Touche Enterprise Risk Services Pte Ltd.

With this in mind, SEC Conference Day is a platform for industry and government leaders to identify, develop and share practical, replicable and scalable solutions to address environmental challenges, with an added focus on plastic waste. SEC looks forward to a robust discussion with all participants to help shape the future of plastics in Singapore.



**FOREWORD BY
MR MASAGOS ZULKIFLI
MINISTER FOR THE ENVIRONMENT
AND WATER RESOURCES**

Environmental sustainability has been integral to the Singapore story since our independence. In our development, we have always sought to balance environmental considerations with economic growth and social inclusion. The result can be seen in the clean and green living environment we enjoy, our harmonious society and the plentiful green and blue spaces around Singapore.

Businesses are important partners in our sustainability journey. Not only do you determine the usage of large amounts of resources, you are uniquely placed to influence norms and practices through your value chains and stakeholders, including employees, partners, suppliers and customers. With 2018 being the Year of Climate Action, I am encouraged to see a growing number of companies leading by example and striving for excellence in environmental stewardship, within their areas of influence.

The 21st Singapore Environmental Achievement Awards (SEAA) recognises companies that have demonstrated strong commitment towards the protection of our environment and water resources. I commend the efforts of all applicants for having a positive impact on the environment and extend my warm congratulations to the winners. I would also like to thank the Singapore Environment Council for the great work they have done for more than 20 years, including organising the SEAA. Environmental sustainability is long journey but I am confident that the companies we are honouring today will collectively contribute to a resilient Singapore for our present and future generations.



**FOREWORD BY
MS ISABELLA LOH
CHAIRMAN
SINGAPORE ENVIRONMENT COUNCIL**

On behalf of SEC, I am very pleased that you can join us today at the 21st Singapore Environmental Achievement Awards (SEAA). The SEAA has come a long way – launched in 1997 to inspire local organisations to incorporate best environmental practices, the awards is recognised as a regional affair over the last 21 years.

I would like to thank every company which participated in this year's SEAA for their commitment to the improvement of our environment. We hope that the SEAA will continue to inspire consumers, businesses and communities to strive for a greener Singapore.

The theme of this year's SEC Conference Day, held yearly in conjunction with the SEAA, is "Re-conomy: Creating a New Plastics Economy". At present, our plastic ecosystem is mostly linear, which means that plastic goes from producers, to consumers, to the waste bin. Recently, SEC conducted a study on consumer plastic use and the waste ecosystem in Singapore. It identified gaps that if addressed, could connect consumers, businesses and the downstream to form a circular plastic ecosystem.

The SEC Conference Day 2018 will provide the opportunity for us to embark on this future together. We greatly value the feedback of our 3P partners, and look forward to your contributions to create a robust discussion today.



**MESSAGE BY
MS JEN TEO
EXECUTIVE DIRECTOR
SINGAPORE ENVIRONMENT COUNCIL**

On behalf of the Singapore Environment Council, thank you for taking time from your busy schedules to join us for the Singapore Environmental Achievement Awards (SEAA) and SEC Conference Day 2018. I hope that today's programme will stimulate discussions on responsible green consumerism and steps towards a new plastic economy.

This will be through a combination of engaging discussions by an expert panel and a workshop addressing the consumer and producer's role in reducing plastic use. We hope that the SEC Conference Day will provide the perfect forum for participants to interact and possibly discuss future collaborations.

I would like to express my sincere gratitude to all partners, sponsors and the SEC team for their endless support and commitment in making this programme a success. I would also like to congratulate every company and organisation that will receive an award today and offer my thanks to the men and women who provide the leadership that has led to their success.

SEAA 2018 STEERING COMMITTEE

The SEAA Steering Committee's role is to provide leadership and direction for SEAA 2018 and SEC Conference Day. The Committee evaluates and selects the winners for all categories, based on the recommendations put forth by the Assessment Committee.

CO-CHAIRMAN

MR ANDY YUN

MS CHEN YEW NAH
Managing Director
Zeles Network Ltd

MEMBERS

MS CINDY KENG
Director (3P Network)
PUB, Singapore's National Water
Agency

MR EU PUI SUN
Senior Vice-President
(CSR & Projects)
Senoko Energy Pte Ltd

MR GIAN YI-HSEN
Executive Director
Economic Development Board

MS ISABELLA LOH
Chairman
Singapore Environment Council

MR TAN SOON KEAT
Associate Professor
School of Civil and Environmental
Engineering,
Nanyang Technological University

MR TAN WEE HOCK
Director (Projects)
National Environment Agency

MS YVONNE CHAN
Director / Chief Financial Officer
Maritime and Port Authority of
Singapore

SEAA 2018 ASSESSMENT COMMITTEE

The SEAA Assessment Committee consists of professionals and leaders within the sustainability sector of Singapore and the region. The Committee assesses applicants and provides recommendations of the shortlisted nominees to the Steering Committee.

CHAIRMAN

MS CHEN YEW NAH
Managing Director
 Zeles Network Ltd

MEMBERS

MR RAYSON NG
Director, Risk Advisory
(Sustainability Services)
 Deloitte & Touche Enterprise Risk Services Pte Ltd

MR YI HAO CHONG
EHS & Sustainability Specialist
 Deloitte & Touche Enterprise Risk Services Pte Ltd

MR JAYDEN LOO
Consultant
 Deloitte & Touche Enterprise Risk Services Pte Ltd

MR ZAC LIM
Manager (Biodiversity)
 Singapore Environment Council

MS VANESSA LOW
Executive, Marketing
Communications and Outreach
 Singapore Environment Council

MS ANGELINE TAN
Environmental Engineer
 Singapore Environment Council

MR NICHOLAS PANG
Environmental Engineer
 Singapore Environment Council

MS JANE SIM
Environmental Engineer
 Singapore Environment Council

MS CÉCILE CORDA
Environmental Consultant
 AECOM

MS FARIZAN D'AVEZAC DE MORAN
Senior Partner
 Green A Consultants

MS JOY CHUA
Programme Director
 Nanyang Technological University,
 Sustainable Earth Office

MR LEONG SENG SIN
Director
 AeX Consulting & Training

MR LOUIS WONG
Senior Consultant
 E2C Consulting

MR PETER GOH
Managing Director
 Chloros Solutions

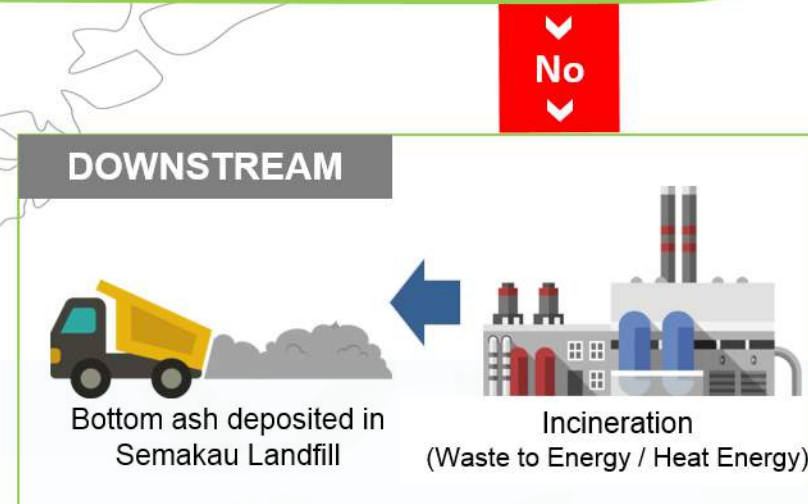
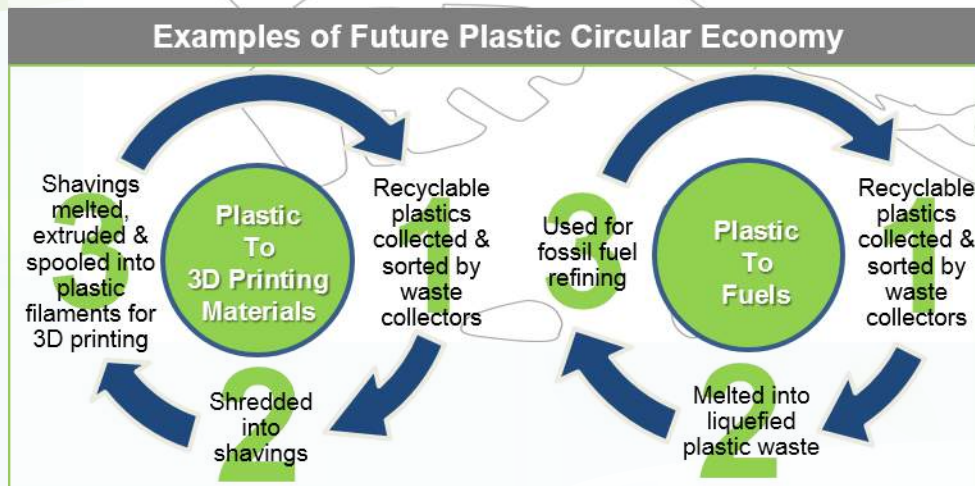
PROGRAMME SCHEDULE*

*Programme subject to change

0800	Registration and Networking
0900	Introductory Speech By Ms Jen Teo, Executive Director of the Singapore Environment Council
0905	Introduction to "Consumer Plastic & Plastic Resource Ecosystem in Singapore" By Deloitte & Touche Enterprise Risk Services Pte Ltd
0920	Panel Expert Discussion: "The Challenges in Closing the Loop" (Q&A) + 3P Voting
1015	Morning Tea Break & Networking
1030	Arrival of Guest-of-Honour, Mr Masagos Zulkifli, Minister for the Environment and Water Resources
1045	Welcome Speech By Ms Isabella Loh, Chairman of the Singapore Environment Council
1055	Speech by Guest-of-Honour By Mr Masagos Zulkifli, Minister for the Environment and Water Resources
1105	Singapore Environmental Achievement Awards 2018 Presentation Ceremony
1135	Video Presentation
1140	Lunch
1300	Panel Expert Discussion: "Future of Plastics" (Q&A) + 3P Voting
1400	Closing Speech By Mr Seah Seng Choon, Vice-Chairman of SEC Board of Directors
1430	Workshop
1630	End of Event

Plastic Resource Ecosystem in Singapore

Plastic Waste Management Infrastructure



MANUFACTURING

SEC-SETSCO Singapore Environmental Achievement Award

PacificLight Power Pte Ltd



PacificLight is an electricity generator and retailer, committed to providing its customers with complete energy solutions that span from physical supply of electricity to services aimed at optimising their electricity usage. Environmental sustainability takes centre stage in all its business decisions, which have led to continuous improvement in the company's operational efficiency.

Operating since 2013, PacificLight has made numerous capital investments to further improve its plant efficiency that in turn has enabled the company to share savings with its customers through competitively priced electricity supply. Going beyond prices, its newly introduced Sustainergy Programme amalgamates different technologies – solar and IOT – to provide a range of services and solutions that encompass green power and energy management.

PacificLight also believes in giving back to society. Through its community engagement programmes, the company aims to raise awareness of the importance of the economic, energy and environmental sustainability of Singapore whilst also promoting community bonding.

The company's 800MW power plant is capable of powering over 1,000,000 Singapore households. Fuelled by Liquefied Natural Gas (LNG), its power plant is one of the most efficient and modern power plants in Singapore and in the region. As a testament to its plant efficiency, PacificLight is the only power project in Singapore to have secured Certified Emission Reduction credits under the UNFCCC Clean Development Mechanism. Its efficiency improvement over the years has helped to reduce the company's carbon footprint by 2 per cent, equivalent to taking 10,000 cars off the road.

SERVICES

SEC-STATS Asia Pacific Singapore Environmental Achievement Award

Singapore Telecommunications Limited



Singapore Telecommunications Limited (Singtel) is Asia's leading communications technology group, providing a portfolio of services from next-generation communication, technology services to infotainment to both consumers and businesses.

For consumers, Singtel delivers a complete and integrated suite of services, including mobile, broadband and TV. The Singtel Group has presence in Asia, Australia and Africa and reaches over 650 million mobile customers in 21 countries. Its infrastructure and technology services for businesses span 21 countries, with more than 428 direct points of presence in 362 cities.

Singtel aims to create sustainable and long-term growth for its business, while leading and shaping positive changes for its marketplace and customers, the communities the company operates in, its people and the environment.

The company has been working on a number of programmes targeting energy reduction across key energy intensive touchpoints of its operations, such as network infrastructure, data centres, satellite earth stations and office buildings. Singtel is currently exploring renewable energy that can support its science-based carbon reduction targets approved by the Science Based Targets initiative (SBTi) in October 2017.

Singtel offers take-back and recycling programmes for its customers, such as ReCYCLE, its electronic waste recycling programme under the company's collaboration with SingPost, and Mobile Muster in Australia.

SERVICES

SEC-STATS Asia Pacific Singapore Environmental Achievement Award

Swissôtel Merchant Court, Singapore



Swissôtel Merchant Court, Singapore is a luxury hotel located in the heart of the city centre, by the banks of the Singapore River. With 476 contemporary guest rooms and suites, the hotel caters to the needs of leisure and business travellers. Sustainability is an integral part of Swissôtel's business. The hotel's efforts towards improving energy efficiency and reducing its carbon footprint reinforce Swissôtel's commitment to its employees, the environment and surrounding communities.

Some of the green initiatives Swissôtel has embarked on over the past few years include the "We Care Week", an annual employee programme to increase environmental consciousness and encourage healthy living, and Planet 21, a sustainability programme which reinforces environmental consciousness, use of eco-friendly products and removal of shark's fin from all menus.

The hotel also introduced the EcoDigester system which converts food waste into grey water for watering plants and cleaning floors. A herb garden has also been planted near the pool for chefs to select herbs and spices, reducing energy needed to transport food.

These green initiatives have enabled the hotel to garner notable accolades such as the ASEAN Energy Award 2017 for Energy Efficient Buildings – Retrofitted Building Category (First Runner-up), SHA Singapore Green Hotel Award 2017/2018, SHA-NEA 3R Awards for Hotels 2014 & 2016 (Merit Award), BCA Building Energy Benchmarking Report 2015 – Top 10 Performing Commercial Buildings, PUB Water Efficient Building (Silver Award 2014), ASEAN Green Hotel Standard 2014, and the BCA Green Mark Platinum Award 2013.

PUBLIC SECTOR

SEC Singapore Environmental Achievement Award

Khoo Teck Puat Hospital



Khoo Teck Puat Hospital (KTPH) is a 659-bed general and acute care hospital. Operating since June 2010, KTPH serves more than 800,000 residents in the northern sector of Singapore.

KTPH combines medical expertise with high standards of personalised care, set within a healing environment. KTPH also provides a wide range of outpatient specialist services.

The hospital is designed with patients' comfort in mind. From intuitive wayfinding to logical clustering of services, KTPH's design is focused on providing a hassle-free experience for patients.

Since its opening, the building has garnered numerous awards for its green and energy efficient design. Patients can enjoy comfortable accommodation in different categories of wards with views of greenery and naturally cool air from improved ventilation.

PUBLIC SECTOR

SEC Singapore Environmental Achievement Award

Singapore Management University



The Singapore Management University (SMU) is an autonomous university in Singapore. Established in January 2000, the university provides an American-style education modelled after the Wharton School of the University of Pennsylvania.

SMU has a city campus with a total enrolment of over 10,000 undergraduate and postgraduate students, and comprises six schools offering undergraduate, graduate, and PhD programmes. The University has over 30 research institutes and centres of excellence, and customised corporate training and lifelong learning for individuals are available through the university's professional and executive development programmes.

A Green Campus – this core philosophy is reflected through various initiatives undertaken by SMU since 2005. In January 2017, the school commissioned new, environmentally friendly designs for its future school building developments. The entire SMU campus has also been awarded the BCA Green Mark Platinum status.

Apart from this, SMU has been running various initiatives involving the community as part of its holistic approach towards environmental sustainability. SMU continuously strives to facilitate the needs of its ever-growing population while bringing down its energy and water consumption.

MARITIME

SEC-MPA Singapore Environmental Achievement Award

PSA Corporation Ltd



PSA Singapore operates the world's largest container transshipment hub in Singapore, linking shippers to an excellent network of major shipping lines with connections to 600 ports globally. Shippers have access to daily sailings to every major port in the world at this mega hub.

Its excellence in port operations has consistently been recognised by the shipping community. In 2018, it won the "Ports and Terminals Award" at the Seatrade Maritime Awards Asia. PSA Singapore handled 33.35 million TEUs of containers in 2017.

PSA Singapore recognises the importance of creating a sustainable society for future generations and is committed to providing a safe, secure and healthy work environment for its staff, customers and solution partners. The company seeks to promote sustainable development in the communities it operates in.

As an industry leader, PSA Singapore continues to enhance its Health, Safety, Security & Environment (HSSE) practices and be an exemplary corporate partner on HSSE matters. Its Green PSA Singapore 2030 plan has three key thrusts:

- Carbon Reduction – Managing its energy use and reducing carbon emissions
- Environmental Protection – Sustaining the environment and protecting its stakeholders from environmental hazards
- Green Port Culture – Cultivating a corporate culture where people are green-minded and green-skilled

MARITIME

SEC-MPA Singapore Environmental Achievement Award

PACC Offshore Services Holdings Ltd (POSH)



Headquartered in Singapore and listed on the Singapore Exchange, PACC Offshore Services Holdings Ltd (POSH) is a leading offshore marine services provider with more than 60 years of operating experience in offshore and marine oilfield services. With a young and diverse fleet of over 100 offshore vessels, POSH serves multiple segments of the offshore oil and gas value chain and is known to be a best-in-class service provider.

POSH is a business that operates in an environmentally and socially responsible way, and is committed to delivering its core business values in a sustainable manner. This can be seen in the many key initiatives and sustainable practices that the company has embedded throughout its business.

POSH recognises the importance of growing sustainably, which is why its Board of Directors meets with its management regularly to discuss strategic sustainability objectives for the long-term.

POSH's longstanding commitment to invest for future long-term growth is reflected in its constant investment in vessels and technologies that are cleaner, safer, greener and more efficient.

A number of initiatives have also been implemented for its fleet, in line with the company's vision to be a sustainable offshore marine service provider. These include a safe and eco-friendly fleet equipped with advanced technology as well as a healthy work environment backed by certifications for Health, Safety, and Environment and Quality Assurance (HSEQA) management systems such as ISO 9001, ISO 14001 and OHSAS 18001.

REGIONAL

SEC-CITIC Telecom Singapore Environmental Achievement Award

HP PPS Asia Pacific Pte Ltd



HP creates technology that makes life better for everyone, everywhere. Through its portfolio of printers, PCs, mobile devices, solutions, and services, HP engineers experiences that amaze.

At the heart of its reinvention journey is the need to create a business that can have a lasting positive impact on the environment. HP is committed to developing and delivering an environmentally sustainable product portfolio, improving the sustainability of its global operations, and partnering with suppliers to reduce their environmental impact.

The HP Straw Pallet Program is an example of the company's shift towards a more efficient, circular and low-carbon economy. HP is working with suppliers to replace wood pallets used to ship its products with pallets made from straw. Using straw pallets helps to improve economic opportunities by opening up a market for straw waste and enhancing the quality of life by reducing air pollution from burning of unwanted straw. This initiative also complements HP's commitment to achieve zero deforestation associated with HP brand paper and paper-based product packaging by 2020.

In its commitment to inclusivity, HP maintains diversity on its Board of Directors and executive leadership teams. This approach is applied through its entire organisation of over 55,000 employees around the world. HP develops learning solutions to support the increasingly digitized world. Its products and solutions, combined with social impact programmes and partnerships, provide technology-enabled inclusive learning to engage students and empower educators.

REGIONAL

SEC-CITIC Telecom Singapore Environmental Achievement Award

Unilever Asia Private Limited



Unilever is one of the world's leading suppliers of Beauty & Personal Care, Home Care, and Foods & Refreshment products with sales in over 190 countries and reaching 2.5 billion consumers a day. It has 161,000 employees across the globe and over half (57 per cent) of the company's footprint is in developing and emerging markets.

Unilever has more than 400 brands found in homes all over the world, including Persil, Dove, Knorr, Domestos, Hellmann's, Lipton, Wall's, PG Tips, Ben & Jerry's, Magnum and Lynx.

Unilever's Sustainable Living Plan (USLP) underpins the company's strategy and commits to:

- Helping more than a billion people take action to improve their health and well-being by 2020.
- Halving the environmental impact of its products by 2030.
- Enhancing the livelihoods of millions of people by 2020.

The USLP creates value by driving growth and trust, eliminating costs and reducing risks. Unilever's sustainable living brands are growing 46 per cent faster than the rest of the business and delivered 70 per cent of the company's growth in 2017.

REGIONAL

SEC-CITIC Telecom Singapore Environmental Achievement Award

Orient Overseas Container Line Limited



Orient Overseas Container Line (OOCL) is one of the world's largest integrated international transportation, logistics and terminal companies, and is an industry leader in the use of information technology and e-commerce to manage the entire cargo transport process.

OOCL recognises that businesses must take responsibility for their industry's effects on the environment. The company encourages sustainable economic development through innovative environmental initiatives, supports the Ten Principles of the United Nations Global Compact (UNGC), and continually engages in the United Nations Sustainable Development Goals (UNSDGs) to tackle global environmental challenges.

In order to achieve higher standards and transparency in Greenhouse Gas (GHG) reporting, OOCL met the requirements of the GHG Scopes 1 and 2, and took a step further to meet a GHG Scope 3 requirement focusing on indirect emissions associated with business travel by air.

In recognition of its sustained efforts in environmental protection initiatives, OOCL is a constituent of the FTSE4Good Developed Index since 2015 and the Hang Seng Corporate Sustainability Index Series since its inception in 2010.

SEC-Senoko Energy Green Innovation Award

Carrier Singapore Pte Ltd



Built on Willis Carrier's invention of modern air conditioning in 1902, Carrier is a world leader in air-conditioning, heating and refrigeration solutions. Carrier experts provide sustainable solutions, integrating energy-efficient products, building controls, and energy services for residential, commercial, retail, transport and foodservice customers.

Founded by the inventor of modern air conditioning, Carrier improves the world around us through engineered innovation and environmental stewardship. Carrier is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide.

Carrier's mission is to be the first choice for air-conditioning, heating and refrigeration solutions worldwide. The company's employees, products and services create comfortable, productive and healthy environments. SEC recognises the company's outstanding innovation in developing energy-efficient air-conditioning, heating and refrigeration systems, and at the same time leading the industry in the phase-out of ozone-depleting refrigerants.

Carrier's culture is rooted in the core values of UTC Climate, Controls & Security. These values are the pillars of its business. They define the company and guide every decision made – quality, performance, responsibility, innovation, customer care and employee opportunity.

SEC-Senoko Energy Green Innovation Award

RenewFibre Asia Private Limited



RenewFibre Asia Private Limited is a green organisation headquartered in Singapore. The company specialises in the research and development of environmentally friendly renewable materials for a wide range of applications.

SEC recognises the company's outstanding innovation in developing the RenewMaterial Agricultural Fiber-based Wood Alternative programme, a safe and premium green product that satisfies growing global demand for lumber, while reducing overlogging and air pollution.

Made from up to 95 per cent agricultural fibers, RenewMaterial is a formaldehyde-free material with moist-resistant and fire-retardant properties. Strawboards made from RenewMaterial can be customised for different textures and colours, making it ideal for furniture, flooring, wall tiles, decorative panels, and virtually everything from ceiling to floor, and wall to wall.

To encourage active participation among members of the public as well as enterprises in the preservation of our environment, RenewFibre conducts regular talks and events promoting the use of renewable and sustainable materials as alternatives to wood and plastics. The company has also sponsored these materials to build schools in remote areas in China, and promotes the use of these materials in various charity events and exhibitions.

SEC-Senoko Energy Green Innovation Award

Vance Chemicals Pte Ltd



Vance Chemicals Pte Ltd is the manufacturer of Mr McKenic® brand of environmentally-friendly products that clean, wash, disinfect, degrease, lubricate, polish and protect both workplaces and homes.

As a professional company dedicated to providing superior quality products towards sustainability, Vance Chemicals is an end-to-end manufacturer that manages most activities in the supply chain from sales and production to fulfilment for better control, including sales, customer service, research and development, procurement, production, quality control, warehousing, logistics, finance and accounting.

SEC recognises the company's outstanding innovation in developing quality, effective and competitive solutions. Some of its environmental initiatives include reducing the use of ozone depleting substances in its formulas, reducing, reusing and recycling the use of paper and packaging products, and reducing the generation of chemical waste and electronic waste. The company's ISO14001 certification is a testament to its commitment to protect the environment.

Vance Chemicals also promotes staff awareness on saving energy and water, and educates customers to optimise the use of chemicals to avoid unnecessary wastage.

SEC-Senoko Energy Green Innovation Award

MagorTherm Global Trading Pte Ltd



MagorTherm Global Trading Pte Ltd (MGT-GT) is the parent company which controls the production, distribution and application for all MGT products globally. MGT-GT currently produces MGT Products in Singapore as well as in Central Europe, including countries such as Slovakia, Hungary, and Czech Republic.

MGT-GT is committed to developing improved solutions that do not cause harm to the environment. Unlike conventional concrete products, MGT products do not contain sand. Instead, they use MGT Powder, a patented dry-mix which converts light-weight aggregates like expanded polystyrene into fire retardant thermal insulation stones which are not combustible or toxic. MGT-GT strives to reduce carbon emissions for a positive impact on the environment.

SEC recognises the company's outstanding innovation in developing MGT Powder, which is versatile and can be used in various applications. In addition, MGT Powder is 100 per cent recyclable, contributing to a lower carbon footprint by reducing carbon emissions.

SEC-CDL Outstanding Environmental Achievement Award

HP PPS Asia Pacific Pte Ltd



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ACKNOWLEDGEMENTS

The Singapore Environment Council would like to thank all our partners for your strong support provided throughout the course of running the SEAA 2018 and SEC Conference Day. We look forward to your continued support to further expand the outreach and impact of the awards in shaping the sustainability landscape of Singapore and the region.

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