



Maritime sector wins big in major environmental awards *Orchid named after SEC to mark 20th Anniversary*

Singapore, 26 August 2015 – Green shipping took centre stage at the 18th Singapore Environmental Achievement Awards (SEAA) ceremony with the Maritime and Port Authority of Singapore (MPA) clinching both the coveted SEC-CDL Outstanding Singapore Environmental Achievement Award and the SEC-Lee Foundation Singapore Environmental Achievement Award (Public Sector).

Hong Kong-based Orient Overseas Container Line took home the SEC-CITIC Telecom Singapore Environmental Achievement Award (Regional), joined by four other category winners namely Ardentec Singapore Pte Ltd, Marina Bay Sands, Nanyang Technological University, and SystemNix Technologies Pte Ltd.

Reflecting on the role of the SEAA in shaping Singapore's business and sustainability efforts since 1997, Mr Edwin Seah, Executive Director of the SEC said: "Environmental issues cover land, air and sea, and given Singapore's key role as a maritime centre and the propensity of the maritime sector to help drive environmental sustainability, MPA's role is pivotal and their win a testament to the leadership they have shown both within the organisation as well as the sector they regulate and promote. As SEC celebrates our 20th Anniversary in the same year as Singapore's Golden Jubilee, we are heartened to see how the SEAA is extending beyond our shoreline literally, to the maritime sector which has played no small part in shaping Singapore the past 50 years."

MPA launched the Maritime Singapore Green Initiative (MSGI) in 2011 with an investment of \$100 million which comprises three programmes – Green Ship Programme, Green Port Programme and Green Technology Programme. The Green Ship Programme gives owners of Singapore-flagged ships, incentives to adopt energy efficient ship designs that reduce fuel consumption and carbon dioxide emissions. The Green Port Programme gives up to 25% discount on port charges, for using fuels with low sulphur content. Maritime companies are further encouraged to develop and adopt green technologies under the Green Technology programme, which sees MPA co-funding up to half of the qualifying costs. Up to \$25 million has been set aside for this programme.

Since its launch, MSGI has 90 participating organisations pledging their environmental commitment. 203 ships qualified for the Green Ship Programme, more than 3,000 vessel calls were made under the Green Port Programme, while the Green Technology Programme encompassed 17 companies and 57 ships.

"We are greatly encouraged to be recognised for our efforts at the SEAA awards. As one of the world's busiest ports and largest transshipment hubs, Singapore can show how we can be both economically dynamic and sustainable as a global hub port. Winning the SEAA is a strong signal of MPA's commitment to work with the maritime industry to promote a Clean and Green Singapore," said Mr Andrew Tan, Chief Executive Officer of the MPA.

To commemorate SEC's 20th anniversary, a special SEC Sustained Impact Award was presented to City Developments Limited for their sustained environmental stewardship since the 1990s.

The winners for the six award categories for SEAA 2015 are:

- **SEC-CDL Outstanding Singapore Environmental Achievement Award**
 - Overall Winner: Maritime and Port Authority of Singapore
- **SEC-Setsco Singapore Environmental Achievement Award (Manufacturing)**
 - Winner: Ardentec Singapore Pte Ltd
- **SEC-Kimberly-Clark Singapore Environmental Achievement Award (Services)**
 - Winner: Marina Bay Sands
 - Merit Winner: Ibis Singapore on Bencoolen
- **SEC-Lee Foundation Singapore Environmental Achievement Award (Public Sector)**
 - Joint-winner: Maritime and Port Authority of Singapore (Regulatory sub-category)
 - Joint-winner: Nanyang Technological University (Education sub-category)
- **SEC-CITIC Telecom Singapore Environmental Achievement Award (Regional)**
 - Winner: Orient Overseas Container Line Limited
- **SEC-Senoko Energy Green Innovation Award**
 - Winner: SystemNix Technologies Pte Ltd
 - Merit Winner: Neutrinos Engineering Pte Ltd

All category winners received their awards from Guest-of-Honour, Dr Vivian Balakrishnan, Minister for the Environment and Water Resources at the Shangri-La Hotel, Singapore.

To add significance to this year's ceremony, Dr Vivian Balakrishnan, together with Ms Isabella Loh, Chairman of SEC unveiled SEC's very own orchid. Orchids have been named after many distinguished personalities and international organisations in the past, including the World Trade Organisation and the International Olympic Committee

“As we celebrate our 20th Anniversary, we reflect and thank the people and organisations that have helped nurture SEC through the years, into one of the largest, oldest and most established environmental organisations not just in Singapore, but also in the region, very much like a plant. I can't think of anything more appropriate than for SEC to have the honour of having an orchid named after it! The Dendrobium Singapore Environment Council exemplifies our ruggedness, perseverance and determination to bloom, despite challenges and obstacles in its path,” added Mr Seah.

Dendrobium Singapore Environment Council is a vigorous and robust antelope Dendrobium hybrid. It produces long, upright to arching inflorescences bearing approximately 25 blooms. Each bloom is about 4 centimetres across. The sepals are a light greenish yellow with white at basal half, while the pair of slightly twisted petals is greenish yellow to yellow. Each bloom is complemented by a yellow lip that is adorned with fine reddish brown tessellations.

**** END OF MEDIA RELEASE****

NOTES TO THE EDITOR



ABOUT THE SINGAPORE ENVIRONMENTAL ACHIEVEMENT AWARDS

The SEAA is one of the distinguished pioneer green awards in Singapore. Launched in 1997 to inspire local commitment to corporate best practices in environment, the awards have blossomed into a regional affair in the past 18 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.

Applicants undergo rigorous independent assessments conducted by the Technical Work Group based on competitive judging criteria to be declared winners in each of six award categories. The Technical Work Group puts forth the recommendations to the Steering Committee, which determines the final selection of winners.

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



ABOUT THE SINGAPORE ENVIRONMENT COUNCIL

Established in 1995, the Singapore Environment Council (SEC) is an independently managed, non-government organisation that nurtures, facilitates and co-ordinates environmental causes in Singapore. SEC's work is founded on three pillars of action – Firstly, partnership with the people, private and public sectors of Singaporean society, to nurture a culture aligned with sustainable development concepts. Secondly, SEC rewards environmental excellence through awards schemes and product endorsement programmes, such as the Singapore Green Labelling Scheme. Thirdly, the SEC collaborates with partners to develop and implement training and learning programmes to build competencies in environmental sustainability within companies, thus keeping our business leaders ahead of the curve. Visit our website at www.sec.org.sg.

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ANNEX 1

About SEAA Winners

Ardentec Singapore Pte Ltd

SEC-Setsco Singapore Environmental Achievement Award (Manufacturing)

Ardentec Singapore was incorporated in 2006 to provide testing solutions for semiconductors. In its pursuit of operational excellence, Ardentec has achieved various quality systems, in particular, the ISO 14001 (the environment and safety system in 2009) and is the first in the industry to attain ISO14064 (Green House Gas Management System) in 2012.

These achievements reinforced its commitment towards a green environment.

Some of its environmental initiatives in 2014 include:

1. Kept carbon emission for 2014 at year-2012 level despite an increase of 11% in revenue. Carbon dioxide emission for 2012 was 4,839 tons per year and 4,820 tons per year in 2014.
2. Enhanced its existing Water Treatment System from traditional to the 'Smart Release System'.
3. Collecting waste water for its cooling tower saves about 864 m³ of water per year by recycling waste water, which saves 56,179 kWh of electricity per year.
4. Changing lighting to the LED results in savings of about 112,874 kWh per year.

By attaining the title of 'Winner of the Singapore Environmental Achievement Awards 2015 (Manufacturing)', Ardentec joins many SEAA-recognised organisations in their environmental stewardship and continuous efforts in environmental improvements.

Marina Bay Sands

SEC-Kimberly-Clark Singapore Environmental Achievement Award (Services)

Marina Bay Sands is the leading business, leisure and entertainment destination in Asia. It features large and flexible convention and exhibition facilities, 2,560 hotel rooms and suites, the rooftop Sands SkyPark, arguably the best shopping mall in Asia, world-class celebrity chef restaurants and an outdoor event plaza.

From the design of the property, the technology that helps reduce carbon footprint, to the ways in which Marina Bay Sands influences its stakeholders and clients to play their part in environmental protection, sustainability defines the way the integrated resort does business.

As the first MICE facility in South East Asia to obtain the ISO 20121 Sustainable Events Management System certification and the single largest commercial building in Singapore to be conferred the Green Mark Platinum Award by the Building and Construction Authority, Marina Bay Sands is committed to reducing its carbon footprint and overall environmental impact in its daily operations.

Maritime and Port Authority of Singapore

SEC-CDL Outstanding Singapore Environmental Achievement Award and SEC-Lee Foundation Singapore Environmental Achievement Award (Public Sector)

Singapore is one of the world's busiest ports and a leading international maritime centre. As the agency responsible for regulating and promoting the maritime sector, the Maritime and Port Authority of Singapore (MPA) takes the lead in promoting good practices within the maritime community.

Recent initiatives include setting up the MPA Sustainability Office to drive programmes such as the Maritime Singapore Green Initiative to encourage the shipping community to adopt eco-friendly ship designs and technologies, use cleaner fuels, and better manage their operations.

MPA also spearheaded initiatives such as the use of more energy-efficient lighting and installation of solar panels at MPA's piers and facilities, introducing recycling efforts, and driving maritime safety, risk and sustainability management initiatives for the maritime industry. These measures have reduced the number of marine collisions and incidents of environmental pollution, reduced the carbon footprint and improved the air quality in their port.

MPA actively engages their partners on their sustainability efforts such as working with them to develop Liquefied Natural Gas bunkering standards, procedures and facilities to promote the use of cleaner fuels for ship bunkering.

MPA aims to build a Future Ready Maritime Singapore that is competitive as it is sustainable.

Nanyang Technological University

SEC-Lee Foundation Singapore Environmental Achievement Award (Public Sector)

A research-intensive public university, Nanyang Technological University (NTU Singapore) is a global leader in sustainability research. Through its EcoCampus initiative, the university is doing research, test-bedding, and implementing the latest green technologies on its 200-hectare campus. It has ambitious goals to achieve a 35 per cent reduction of its energy, water and waste consumption.

Using eco-friendly materials, energy-efficient lighting and water recycling systems, NTU buildings are designed for education but built for the environment. It has won eight BCA awards, the highest number of environmental building awards this year, including the Green Mark Awards and Universal Design Mark Awards. This follows the Green Mark Champion Award the university received last year, Singapore's top accolade for sustainable building design. Winning the Singapore Environmental Achievement Awards 2015 is another testimony to NTU's commitment to sustainability and its reputation as a global leader in this area.

Known for its lush greenery, the NTU campus has also been named one of the 15 most beautiful in the world.

Orient Overseas Container Line
SEC-CITIC Telecom Singapore Environmental Achievement Award (Regional)

Orient Overseas Container Line Limited (OOCL) recognises that businesses must take responsibility for their industry's effects on the environment. They proactively promote and adopt green practices at every level of their organisation. OOCL's new-building vessels are built and equipped with latest state-of-the-art technologies with advanced green features to meet current and future environmental requirements.

In addition, the best way to reduce emissions in the shipping industry is to save fuel and OOCL has been focusing on their bunker saving programmes for many years. By taking these initiatives, OOCL has cut carbon dioxide emissions by more than 40% since 2004 to help their customers achieve a lower carbon footprint in their supply chains. OOCL completed its environmental reporting and disclosure assurance by using both the Clean Cargo Working Group (CCWG) and ISO14064-1 standards to certify their integrity of Greenhouse Gas (GHG) Scope 1 and Scope 2 emissions data disclosure.

SystemNix Technologies Pte Ltd
SEC-Senoko Energy Green Innovation Award

A native organisation, SystemNix Technologies Pte Ltd innovates and distributes ecological engineering products with a mission to contribute efforts through their innovation to the environment and society.

The Soil Chain® system is a good example, which is an innovation that combines and complies with global engineering practices, techniques of Mechanically Stabilized Earth (MSE), and Geotechnical-, Environmental- and Biological-Engineering. Through the combination of these techniques, the Soil Chain® system is able to construct permanent civil structure with engineering sheer strength without using any material or substances that are not environmentally-friendly.

This innovation is designed to be made out of non-biodegradable, eco-friendly and recyclable material that can construct eco-structures. These eco-structures help defray negative environmental impacts such as erosion and soil degradation, at the same time minimising its carbon footprint.

The Soil Chain® system is thus able to continuously sustain and stabilise future community growth while maintaining biodiversity, minimising greenhouse gas emissions and reducing wastage of natural resources at the same time.

ANNEX 2

About SEAA Merit Winners

Ibis Singapore on Bencoolen

SEC-Kimberly-Clark Singapore Environmental Achievement Award (Services)

Ibis Singapore on Bencoolen is an international chain hotel with a total of 538 rooms. Located in the heart of Singapore's central business district, Ibis Singapore on Bencoolen is well known for its excellent service - at economical rates. Their rooms feature high ceilings, large bay windows, timber floors, coffee/tea-making facilities, in-room safe, international TV channels, free WiFi access, international adaptors, and free use of sustainable bamboo bicycles among others. The hotel has been recognised as "Best Budget Hotel" by the annual TTG Travel Awards consecutively from 2009-2012.

Neutrinos Engineering Pte Ltd

SEC-Senoko Energy Green Innovation Award

Founded in 2011, Neutrinos Engineering Pte Ltd is first established as a dedicated small R&D start up to unleash the full potential of engineering and technological know-how to enrich the quality lives of human kinds, societies and communities.

Since 2013, Neutrinos Engineering has grown and evolved into a reputable Innovative Products and Technology Development Company to deliver various engineering solutions in market segmentations ranging from security surveillance to renewal energy and automotive industries. Geographically, Neutrinos Engineering has expanded its presences from Singapore to Malaysia and grows its distribution channels to Taiwan and China. In 2014, Neutrinos Engineering has successfully launched NEUTO Dry Hydrogen Auto Therapy as world first patented smart hydrogen dry cleaning system using iEGA Technology to tailor treatment to restore and revive performance of vehicle running on internal combustion engine, which won it the SEAA 2015 Merit Winner (Innovation).

ANNEX 3

About SEAA's Sponsors

CITIC Telecom International (SEA) Pte Ltd

Sponsor of the SEC-CITIC Telecom Singapore Environmental Achievement Award (Regional)

CITIC Telecom International ("CITIC Telecom") is a reputable telecoms operator in Asia.

CITIC Telecom owns and operates a telecoms hub with its key markets in China, Hong Kong and Macau. The Group is actively expanding its business internationally by providing interoperability and interconnection services to global telecoms operators. CITIC Telecom's main businesses cover Voice Services, SMS Services, Mobile Value Added Service (VAS) and Data Services.

It also provides a full range of Information and Communications Technology (ICT) solutions through its wholly-owned subsidiary, CITIC Telecom International CPC Limited ("CITIC Telecom CPC"), across the Asia Pacific region. CITIC Telecom CPC is a preferred partner of leading multinational corporations and business enterprises.

Caring For The Environment is one of the six pillars of CITIC Telecom's corporate social responsibility (CSR) drive. In Singapore, the office was certified an Eco-office since 2010 and has since successfully gone through numerous re-certifications. Last year, they participated in a river clean-up exercise organised by the Singapore Waterways Watch Society. This exercise was to promote a greater awareness of pollution, its impact on the environment and remedial or protecting actions. In addition, CITIC Telecom held their annual Barter trade fair at their office to drive the importance of recycling.

To further the environmental protection effort as well as to help students with financial needs, they sponsored "CITIC Telecom Scholarship" at Singapore Polytechnic to help students pursuing the related courses concerning the preservation of the environment.

City Developments Limited

Sponsor of the SEC-CDL Outstanding Singapore Environmental Achievement Award

City Developments Limited (CDL) is a Singapore-listed international property and hotel conglomerate with businesses in real estate development and investment, hotel ownership and management, facilities management, and provision of hospitality solutions. The Group is one of Singapore's largest companies by market capitalisation with an extensive network of more than 400 subsidiaries and associated companies.

CDL's global presence spans 91 locations in 25 countries across Asia, Europe, Middle East, North America and New Zealand/Australia. It currently owns and manages a solid portfolio of residential and investment properties, in addition to hotel assets in one of the world's largest hotel groups – its London-listed Millennium & Copthorne Hotels plc (M&C), which has 120 hotels globally, many in key gateway cities.

Beyond shaping the cityscape with architectural icons, CDL has been leading the industry with Corporate Social Responsibility (CSR) and green building innovation, having established its ethos of 'Conserving as we Construct' in 1995. This has been integrated into CDL's corporate vision and mission to create business value and sustainability through a strategic balanced triple-bottom line in financial, environmental and social performance.

Globally, CDL remains the first Singapore corporation to be listed on three of the world's leading sustainability benchmarks – FTSE4Good Index Series (since 2002), Global 100 Most Sustainable Corporations in the World (since 2010) and Dow Jones Sustainability Indices (since 2011). In the Channel NewsAsia Sustainability Ranking 2014, CDL was named Top Property Developer in Asia, Top Singapore Corporation, and second among the top 100 sustainable companies across 10 key Asian economies. It is also listed in the Global Compact 100 Index, Global Real Estate Sustainability Benchmark, MSCI ESG Indexes, Euronext Vigeo – World 120, Ethibel EXCELLENCE Investment Register and STOXX® Global ESG Leaders Indices.

In Singapore, CDL was awarded the Built Environment Leadership Platinum Award in 2009, the Green Mark Platinum Champion Award in 2011, and the Quality Excellence Award – Quality Champion (Platinum) in 2013 by Building and Construction Authority (BCA) for its commitment to sustainable development and Singapore's built environment.

In championing CSR and sustainability, CDL also focuses on giving back to the community, support for the underprivileged and the arts, as well as cultivating social and environmental consciousness amongst the next generation. Testament to its commitment, CDL was honoured with the President's Social Service Award and President's Award for the Environment in 2007.

For more information on CDL's CSR initiatives, visit www.cdl.com.sg/csr

Kimberly-Clark Professional

Sponsor of the SEC-Kimberly-Clark Singapore Environmental Achievement Award (Services)

As a leading provider of professional health, hygiene and safety solutions, Kimberly-Clark Professional* partners with businesses to create Exceptional Workplaces helping to make them healthier, safer and more productive. Known for its quality, innovative and wide comprehensive range of smarter product solutions, our essentials are used in away-from-home washrooms, lodging, commercial properties, food services, aviation, healthcare and industrial manufacturing environments. The global brands of Kimberly-Clark Professional* include Kleenex, Scott, WypAll, Kimtech, and Jackson Safety.

Kimberly-Clark Professional's 'Reduce Today, Respect Today' sustainability program introduces a comprehensive approach to reducing environmental impact by managing every stage of a product's lifecycle, from raw materials, manufacturing, to product use and disposal.

Kimberly-Clark Professional* is one of Kimberly-Clark Corporation's (NYSE: KMB) four business sectors. To see how we are helping people the world over, work better, please visit www.kcprofessional.com.sg.

Senoko Energy Pte Ltd

Sponsor of the SEC-Senoko Energy Green Innovation Award

Senoko Energy Pte Ltd is Singapore's largest and most efficient power generation company, providing more than 20% of Singapore's electricity. Since 1976, Senoko has been meeting Singapore's power needs, and has established a strong reputation as a reliable and dependable market leader.

Senoko Energy is the first generation company in Singapore to import piped natural gas from Malaysia; the first to repower its plant; the first to adopt combined cycle technology; and the first genco to be certified ISO 9001, 14001 and OHSAS 18001.

Senoko Energy is owned by an international consortium comprising Marubeni Corporation; GDF SUEZ S.A.; The Kansai Electric Power Co., Inc.; Kyushu Electric Power Co., Inc.; and, Japan Bank for International Cooperation. Senoko Energy has three subsidiaries: Senoko Energy Supply Pte Ltd, a leading retailer of electricity and related services; Senoko Services Pte Ltd, a provider of fuel storage tank leasing and terminal services; and Senoko Gas Supply Pte Ltd, a gas operations company.

SETSCO Services Pte Ltd

Sponsor of the SEC-Setsco Singapore Environmental Achievement Award (Manufacturing)

Setsco Services Pte Ltd is one of Singapore's leading and largest testing and inspection companies accredited by SAC-Singlas to ISO/IEC 10725 and by SAC to ISO/IEC 17020 and ISO/IEC 17065.

With offices in Singapore and Malaysia, SETSCO collaborates with established institutions, professional bodies and government agencies in providing testing, calibration, inspection, consultancy, training and certification services to the aerospace, marine and offshore, pharmaceutical, oil and gas, petrochemical, food, building and construction and electronics manufacturing industries. With specialisation in the fields of mechanical, chemical and civil engineering, metrology, environmental, biological and non-destructive testing, Setsco is capable of offering a comprehensive range of reliable professional services to meet the diversified and ever-growing needs and demands of the industries.

Built on a vision of sustainable technological development and strong industry relations, Setsco strives to be a one-stop service provider to all sunset and emerging industries and establishes itself as a reliable business and testing partner.

ANNEX 4

Dendrobium Singapore Environment Council

