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NEWS RELEASE

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Ecospec's CSNO_xTM gets thumbs-up from ABS

- *PDA certification of CSNO_xTM by ABS received in record six months since technology was introduced in January 2009*
- *A tested solution that will help combat global warming caused by greenhouse gases, and especially CO₂ emissions cost effectively*
- *Senior management team in Nor-Shipping 2009 to introduce CSNO_xTM to the global shipping industry*

SINGAPORE - 11 June 2009 - Ecospec Global Technology Pte Ltd (“Ecospec” or the “Company”), a Singapore research and technology company specialising in advanced water and oil treatment technologies, today announced that its breakthrough CSNO_xTM has been awarded Product Design Assessment (“PDA”) certification by the American Bureau of Shipping (“ABS”), marking an important milestone in the commercialization process and market roll-out.

ABS design assessment is specific to the alkaline water-generating unit, the key to CSNO_xTM, known as ULFELS model ULF01. As part of the assessment, it witnessed the performance of the unit in producing treated seawater that was capable of removing CO₂, SO₂ and NO_x from exhaust gas in a shore-based test rig. Ecospec is in the process of obtaining full type-approval from ABS.

Mr Chew Hwee Hong, Managing Director and Founder of Ecospec said, “We are delighted to receive the PDA certification of CSNO_xTM by ABS. Our breakthrough

technology is now commercially-viable and it is our vision to enable the shipping industry to truly go green by widely adopting the CSNOx™.”

“Since the introduction of CSNOx™ early this year, we have been working on many projects for both marine and onshore applications. The PDA certification by ABS is timely for the full commercialization of the system and it also reinforces the position of CSNOx™ in the area of marine emission control applications,” Mr Chew added.

As part of the certification process, Ecospec had also built a land-based demo site for CSNOx™, a dedicated showcase at a local shipyard in Pandan Crescent, Singapore to illustrate the greenhouse gas emission reduction capabilities of the system, where the test results were verified by ABS. All the site set-ups and test procedures are in accordance with the approval test requirements.

Introduced by Ecospec in January 2009, CSNOx™ is a “true green” technology that reduces greenhouse gases and exhaust pollutants – CO₂, SO₂ and NO_x – from marine vessels all in one process and in a single system. Currently, there are no existing solutions capable of removing CO₂, the main culprit for global warming, from ships’ emissions, and CSNOx™ is the first solution to remove CO₂ cost effectively. Full commercialization of the CSNOx™ system for onshore industries will also be rolled-out in the near future to combat emissions.

In the Nordic region, many leading environmentally-conscious and socially responsible shipping companies and organizations have already embarked on their own green drive even before any compulsory legislative requirement for CO₂ emission are implemented, with some even setting an ambitious target of 30% in CO₂ reduction. Now with the CSNOx™ technology, it will certainly help these good corporate citizens to realize their green initiatives quickly and achieving their target will become a reality.

While shipping is widely recognised as the most environmentally friendly form of transportation, there are increasing calls for the industry to do more of late and Ecospec aims to ride on this surge in environmental consciousness for the prevention of ship-source pollution amongst the shipping industry.

“We believe CSNOx™ provides a clear and proven solution that will enable the industry to go green, and Nor-Shipping is a world-class event for Ecospec to reach out to the shipping industry. With growing awareness on environment protection amongst the maritime industry both in Singapore and in the global arena, we believe CSNOx™ will have a ready and targeted audience during the exhibition,” added Mr Chew.

About Ecospec Global Technology

Ecospec is a Singapore technology company that research and develops cost-effective solutions for solving pressing environmental issues in the water, energy and marine industries. Founded in 2001, Ecospec has since established itself as a pioneer and global market leader in advanced non-chemical water and oil treatment technologies, with numerous technology patents filed or granted to date.

The Group’s R&D capabilities cover basic research in non-chemical water and oil treatment, and application development in Singapore, plus electronic and hardware research. In addition, Ecospec has a worldwide presence spanning Singapore, China, India, Indonesia, Thailand, the Far East, Europe, Central America and USA.

In January 2009, Ecospec introduced CSNOx™, a first commercially viable solution capable of reducing carbon dioxide, sulphur dioxide and nitrogen oxide emitted by ships all in one process and in a single system. The scrubbing by CSNOx™ is achieved at a net carbon reduction without a net increase in carbon dioxide released to the atmosphere, no acidifying of the ocean, and with no other secondary pollutants or harmful substances discharged into the sea. CSNOx™ is also highly cost-effective and its compact design enables installation on ships, with immense potential for onshore applications in the near future.

Editor’s Note:

Ecospec will be exhibiting at Nor-Shipping 2009, the leading maritime event for the shipping industry worldwide, in conjunction with the Singapore Maritime Foundation via the Singapore Pavilion.

Date : 9-12 June 2009 (Tuesday-Friday)
Time : 10:00am – 5:00pm (Tuesday-Thursday); 10:00am – 3:00pm (Friday)
Venue : Lillestrøm Exhibition Center
Nesgata 3
2000 Lillestrøm
Oslo, Norway
Booth No. : Ecospec will be located at the Singapore Pavilion, C03-14

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