



PRESS RELEASE

ANDRITZ to supply flue gas treatment systems for the Integrated Waste Management Facility (IWMF) in Singapore

GRAZ, SEPTEMBER 24, 2020. International technology Group ANDRITZ has received an order from Keppel Seghers to supply flue gas treatment systems for the IWMF Phase 1 WTE (Waste-to-Energy) facilities in Singapore.

IWMF and the Tuas Water Reclamation Plant (Tuas WRP) – collectively known as the Tuas Nexus – will be the world's first integrated waste and water treatment facility to be conceptualised and planned from the ground up. IWMF Phase 1 and the TWRP are scheduled for completion in 2025. Once completed, IWMF Phase 1 will be able to treat:

- 2,900 tons per day of incinerable waste;
- 250 tons per day of household recyclables collected under the National Recycling Programme;
- 400 tons per day of source-segregated food waste; and
- 800 tons per day of dewatered sludge from the Tuas Water Reclamation Plant

ANDRITZ's scope of supply for the four WTE lines in IWMF Phase 1 includes the design and supply of flue gas treatment equipment such as fabric filters, HCl and SO₂ scrubbers, ID fans, low-temperature economizers with steam gas reheaters, steel structures, flue gas ducts, tanks and silos, and advisory services.

Using ANDRITZ equipment at IWMF Phase 1 will help Singapore achieve its sustainability goals because it will be able to meet the highest environmental standards and reduce the emissions from incineration of 2,900 tons per day of incinerable waste.

A Keppel Seghers-led consortium was selected by Singapore's National Environment Agency to develop and build (on EPC basis) the WTE and materials recovery facilities as part of the IWMF Phase 1 development for Singapore. ANDRITZ was chosen as the consortium's key supplier for the flue gas treatment system due to its track record with dry, semi-dry and wet technologies for industrial flue gas cleaning as well as its advanced energy recovery solution using heat recovery from flue gas in the low temperature range.

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Integrated waste and water treatment facility, Singapore. Copyright: NEA

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FOR FURTHER INFORMATION, PLEASE CONTACT

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ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. The global product and service portfolio is rounded off with plants for power generation, recycling, the production of nonwovens and panelboard, as well as automation and digital solutions offered under the brand name of Metris. The publicly listed group today has around 27,800 employees and more than 280 locations in over 40 countries.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper provides equipment, systems, complete plants and services for the production of all types of pulp, paper, board and tissue. The technologies and services focus on maximum utilization of raw materials, increased production efficiency and sustainability as well as lower overall operating costs. Boilers for power production, flue gas cleaning plants, plants for the production of nonwovens and panelboard (MDF), as well as recycling and shredding solutions for various waste materials also form a part of this business area.