



## PRESS RELEASE

# ANDRITZ to supply desulfurization systems to the shipping industry

*GRAZ, NOVEMBER 20, 2018.* International technology Group ANDRITZ has received orders from two renowned shipping companies to supply SeaSOx desulfurization systems for exhaust gas cleaning, thus confirming ANDRITZ's know-how in exhaust cleaning technologies. Installation of both SeaSOx systems is scheduled for March 2019.

ANDRITZ is the only company worldwide offering wet scrubber as well as dry scrubber solutions for the shipping industry – under the tradename SeaSOx. In line with the requirements of the shipping industry, ANDRITZ has adjusted its well-proven exhaust gas cleaning technology for power stations to comply with the new sulfur emission regulations applying to shipping that will come into force globally in January 2020.

A shipping company in Belgium ordered a SeaSOx<sub>wet</sub> scrubber for a bulk carrier operating between South America and China. The system will be designed as a spray scrubber in open-loop mode and will use seawater to clean the exhaust gas from the main engine. ANDRITZ is responsible for the engineering work and supply of all the main equipment, including pumps, scrubber tower, continuous emission measurement system (CEMS), and the instrumentation and control (I&C) equipment.

For the second project, a cooperation agreement was signed between ANDRITZ, the French ferry operator La Méridionale, and the Belgian chemical group SOLVAY to install the first Bicar® dry exhaust gas cleaning system (SeaSOX<sub>dry</sub>) worldwide on the “Piana” roll-on/roll-off vessel. This solution uses Bicar® sodium bicarbonate as the absorbent and a pulse jet fabric filter for SO<sub>2</sub> and particulate removal. One main engine and one auxiliary engine will be routed to the filter system. In addition to SO<sub>2</sub> removal, this new technology will reduce the particulate emissions to lowest values. Furthermore, no wash water will be discharged into the sea. ANDRITZ is responsible for the design, engineering, and supply of the main equipment.

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ANDRITZ to supply desulfurization plant to the ferry operator La Mériidionale, France.

#### **PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

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#### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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#### **ANDRITZ GROUP**

ANDRITZ is a globally leading supplier of plants, equipment, and services for hydropower stations, the pulp and paper industry, the metal working and steel industries, and for solid/liquid separation in the municipal and industrial segments. Other important fields of business are animal feed and biomass pelleting, as well as automation, where ANDRITZ offers a wide range of innovative products and services in the IIoT (Industrial Internet of Things) sector under the brand name of Metris. In addition, the international technology Group is active in power generation (steam boiler plants, biomass power plants, recovery boilers, and gasification plants) and environmental technology (flue gas cleaning plants) and offers equipment for the production of nonwovens, dissolving pulp, and panelboard, as well as recycling plants.

A passion for innovative technology, absolute customer focus, reliability, and integrity are the central values to which ANDRITZ commits. The listed Group is headquartered in Graz, Austria. With over 160 years of experience, 29,000 employees, and more than 280 locations in over 40 countries worldwide, ANDRITZ is a reliable and competent partner and helps its customers to achieve their corporate and sustainability goals.