

Gedser port to have a scrubber treatment plant

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The ferry company Scandlines, owner of the Danish Port of Gedser, has contracted APATEQ to develop, build, and supply a harbour installation for treating scrubber wastewater.

The containerized MarinePaq plant (two 40-foot containers stacked one above the other) will treat wastewater produced on-board Scandlines' brand-new closed-loop scrubbers-equipped ferries *Berlin* and *Copenhagen*, to set sail on the Gedser-Rostock route once they have been completed.

Scrubber wastewater is typically contaminated with heavy metals, hydrocarbons and soot arising from burning Heavy Fuel Oil. According to APATEQ, scrubber wastewater will undergo primary treatment in Gedser's plant, followed by ultrafiltration and heavy metal extraction process, delivering in the end an effluent which can be safely discharged into port waters. Scrubber sludge, in turn, will be compacted by an integrated filter press and disposed of in landfills.

Port of Gedser's MarinePaq is scheduled for commissioning in spring 2016.

"Scandlines as a shipping company has an environmental responsibility. We want to contribute to the preservation of the fragile marine ecosystem by cleaning our exhaust gases and by only discharging water of the highest quality back into the ocean," Fini Hansen, Scandlines' Technical Superintendent, commented.

APATEQ's Chief Sales Officer, Dirk Martin, added, "Our MarinePaq is the perfect solution for treating scrubber water either directly on-board, or as here, in a compact design at a centralized facility. We will build the MarinePaq for Scandlines in two FEUs stacked one on top of the other, ensuring a minimum footprint, an important factor for an installation at an existing harbour."



