



Two ANDRITZ SeaSOx_{wet} hybrid scrubber systems for the Chinese Chengxi Shipyard

The Chinese Chengxi Shipyard has ordered two SeaSOx wet hybrid scrubber systems in June 2019 for their container vessel newbuilds, which will be operated after completion by the Dole company. The delivery of the two scrubbers is planned for May and July 2020.

These projects are the first references for a hybrid version of the SeaSOx technology, and mark therefore an important milestone in the development of this booming market.

Hybrid means, that the system can operate in Open Loop (sea water is used as absorption media) and Closed Loop mode (caustic solution is used as absorption media). Additionally, the discharge water of the Closed Loop process has to be treated to reach the environmental limits. The ships are equipped with one main engine with 16 MW and four auxiliary engines with 2 MW each. Hence, also the combination of different sources is a new design point, which is a very important reference in this market.

ANDRITZ is responsible for engineering and supply of all main equipment like pumps, scrubber tower, separator, heat exchanger, valves, CEMS, and I&C.