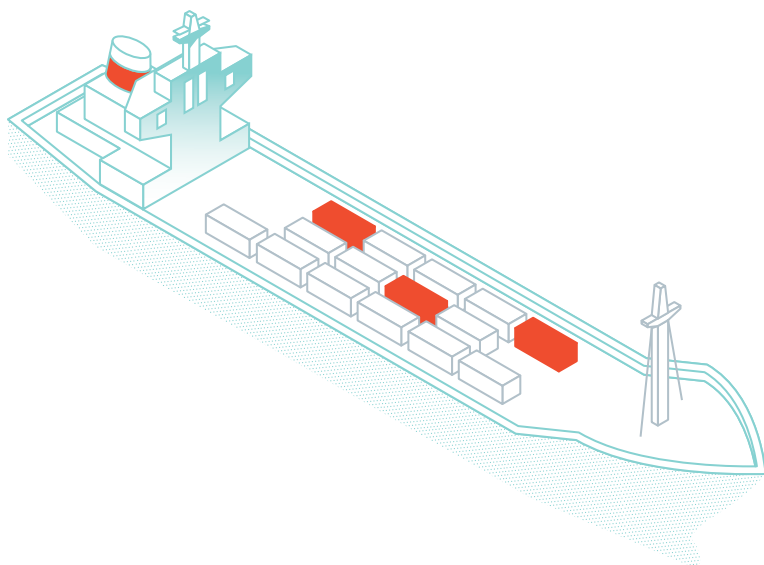




MARINE

SOLVAir[®]

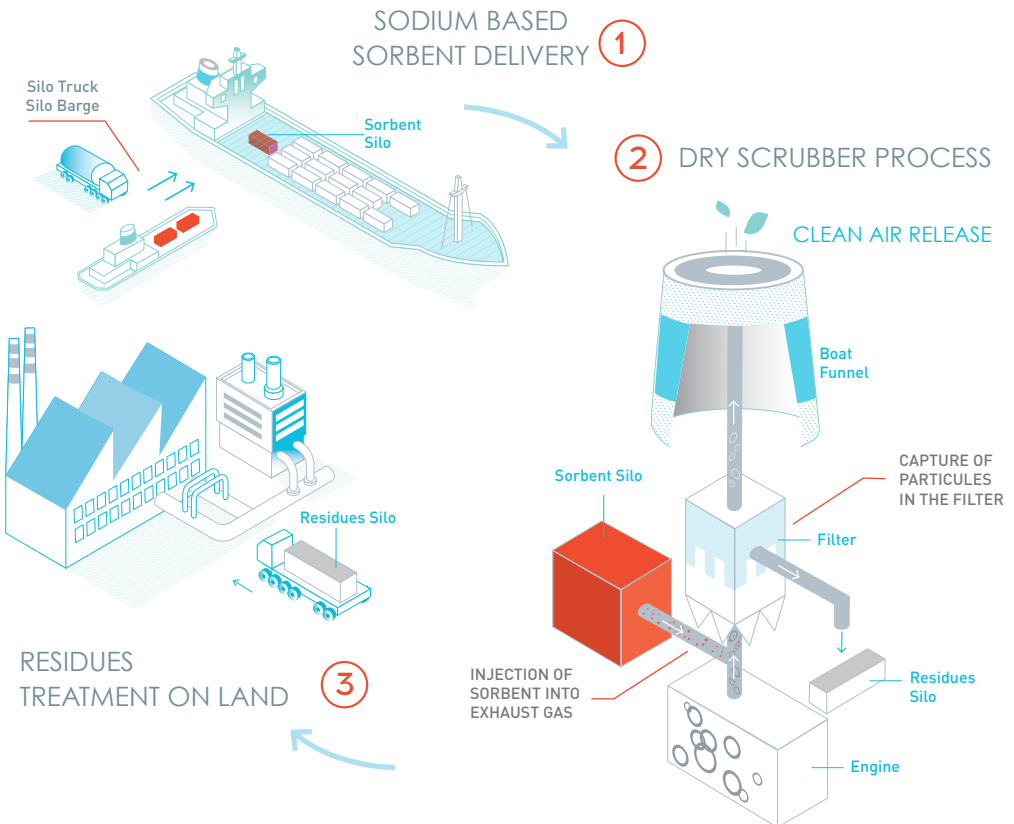
CLEAN AIR SOLUTIONS FOR HIGHER PERFORMANCE



SOLVAY

SOLVAir® MARINE, AN INNOVATIVE DRY SCRUBBER SYSTEM FOR SO_x AND PARTICLE REMOVAL

SOLVAir® Marine is a SO_x scrubber system designed to comply with International Maritime Organization 2020 regulations and beyond. In addition, SOLVAir® Marine removes 99% of particles, doesn't release waste water back to the sea and can be installed without dry docking.



500

Thirty years ago, Solvay has started to develop a process for flue gas treatment which is today applied by more than **500 satisfied customers** worldwide on land.

SOLVAir® MARINE DRY SCRUBBER BRINGS MANY ADVANTAGES COMPARED TO WET SCRUBBERS

- Comparable **SO_x reduction rate**
- Higher **particle removal rate (> 99 %)**
- **No dry docking** required for installation and combination with Selective Catalytic Reduction (SCR) DeNO_x possible
- **Lower CAPEX and OPEX.** Example: less internal power consumption (no pumps for washing water)
- **Low sensitivity to failure** : negligible effect on backpressure to the engine.
- **Smaller effort** for maintenance and operation due to **simplicity of the process** and the neutrality of the sorbent
- **No effluent released to the sea**
- **Residues treatment** on land facilitated

SOLVAY, A UNIQUE GLOBAL REACH

Thanks to our network of plants, depots and regional representations, we provide security of supply worldwide.

LA MÉRIDIONALE - A TRIAL TO IMPROVE ENVIRONMENTAL FOOTPRINT

From April 2019, the SOLVAir® Marine solution will be tested on the Piana, La Méridionale's flagship. The trial campaign, in collaboration with Andritz, will concern one engine and will take place over 6 months.



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