



Product development contract for 3-in-1 exhaust gas treatment

Following successful installation of the first SeaSOx filtration system in April 2019 and award of the retrofit order in May 2021, the next milestone – improving our dry filtration technology – is moving into focus.

In June 2021, ANDRITZ signed a contract with La Méridionale to test an integrated NOx removal method on the basis of catalytic filter bags and urea injection on the RoRo ferry PIANA. This system would enable La Méridionale to have a single, fully integrated exhaust gas cleaning system for removal of SOx, particulate matter and also NOx, – a combination that would currently require three separate systems to be installed on board any vessel.

Even though the boundary conditions for this installation are very challenging and will push the technology to its limits, the ANDRITZ engineers are confident that this promising development project will yield a highly satisfying result.

Aside from this maritime application, the potential use of catalytic filter bags can also be a very attractive alternative for land-based plants.

