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Daniel Collignon

Scrub Water Treatment: Membrane-based water treatment systems made in Luxembourg

Forum Da Vinci I 6, bd Grande Duchesse Charlotte, Luxembourg I March 22 I 6 pm
Please sign up at info@davinciasbl.lu

Daniel Collignon

Education

- 2014-2017: Master of Science in Environmental Engineering with specialisation in wastewater and environmental process engineering,
  RWTH AACHEN UNIVERSITY
- 2010-2014: Bachelor in Engineering "Energy and Environment",
  UNIVERSITY OF LUXEMBOURG

Professional Work Experience

- Since August 2018: Responsible for the process and product development of the scrub water treatment system for the maritime sector at APATEQ
- Since July 2017: Process Engineer and Project Manager at APATEQ

Since the last decade the shipping industry is facing tougher regulations on exhaust gas emissions all over the world. In the foreground stands the reduction of sulphur emissions resulting from the combustion of heavy fuel oil. To comply with the future rules for sulphur emissions on global oceans the maritime industry needs to act.

Currently, exhaust gas cleaning using SOx scrubbers, followed by a successive washwater treatment is considered to be the most viable technology to meet the regulation standards of the International Maritime Organization. Daniel Collignon will present how the Luxembourg-based company APATEQ contributes to achieving these goals by using its very compact and innovative membrane-based scrub water treatment system, the „MarinePaq".