

Louis Cruise Lines has signed a collaboration contract with the consortium of the ['NEMO' research project](#)

. The 'NEMO' research project aims for the development of an advanced novel technology for the integrated de-pollution of ship exhaust gases.

In particular, the 'NEMO' research project focuses on the combination of the Sea Water Absorption (SWA) technology with a novel H₂-SCR (Selective Catalytic Reduction) technology for the removal of SO_x (SO₂ and SO₃) and particulates, and NO_x, respectively, from ship exhaust streams. Moreover, the project includes the development of a telecommunication system for the remote monitoring of ship emissions, which will provide an invaluable tool for local and International authorities for the real-time monitoring of ship emissions, which will allow the direct set about of cases of deviation from the European and International law.

The 'NEMO' research project consortium encompasses multiple disciplines and sectors and consists of the following partners:

- Cyprus University of Technology (CUT) - academic research organization
- University of Cyprus (UCY) - academic research organization
- eMedi8 digital solutions Ltd - private technology/services research and development organization
- Proplan Industrial Engineering Consultants Ltd - private technology research and development organization
- SMEC Marine Engineering Company Ltd - private marine technology and services organization

The 'NEMO' research project effort is considered pioneering, and is attempted for the first time worldwide. The successful implementation of the proposed project is expected to contribute significantly towards the harmonization of ship-owner companies with the new MARPOL legislation.