



Lab

Innovative Solutions for Marine Industry

DeepBlueLAB™ Exhaust Gas Cleaning



Reliable



Long-Lasting



Cost-Effective

GROUPE ENIM



DeepBlueLAB™ SOx *DeSOx Scrubber System:*

LAB's DeSOx scrubber systems are compliant with the **most constraining SOx regulations** (MARPOL & SECA) and include design, manufacturing and commissioning.

For all types of vessels:

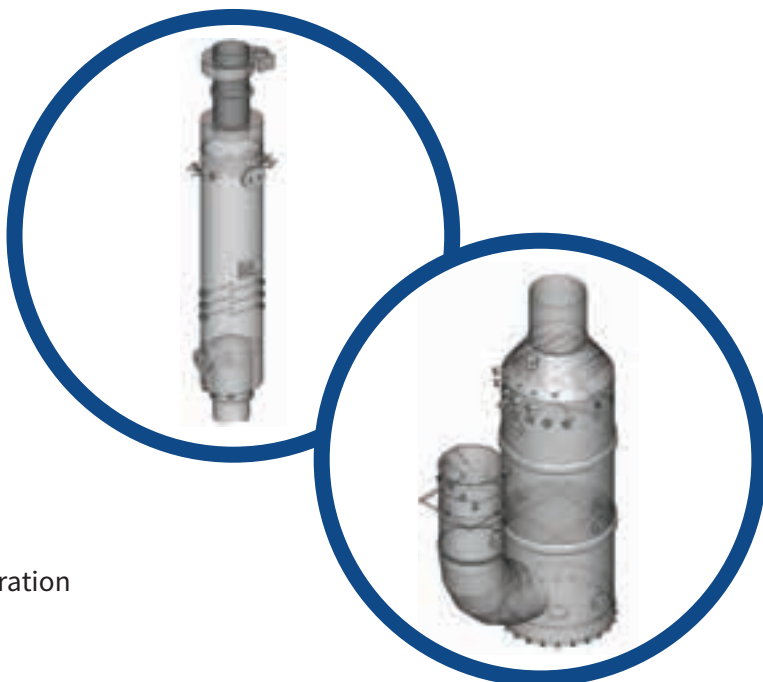
- Container ships
- Ferries
- Cruise ships...

For all kinds of configuration:

- Open loop, closed loop, hybrid systems
- In-Line or Off-Line arrangements

With innovative and proven solutions:

- GRP scrubber as corrosion-free solution
- Metallic In-Line scrubber for compact configuration
- Short delivery time





DeepBlueLAB™ NOx *DeNOx SCR System:*

With more than **20 years of experience** in Marine **SCR Technology**, LAB supplies reliable and cost-effective SCR systems, designed for the **strictest clean gas values** and dedicated to your vessel.

- Compliant with **TIER III or lower emissions**
- Suitable for **any type of fuel, engine type and size** (500 kW to 70 MW)
- Optimized and **compact** design
- **High quality long-life** materials
- Components with **less maintenance** work
- **Scheme B** full certification (EIAPP certificate) or **Scheme A** assistance
- Commissioning, maintenance and training on SCR systems



LAB'S EXPERTISE



Exhaust Gas Cleaning Systems

- └ DeSOx
- └ DeNOx



Flue Gas Treatment Systems

- └ Waste-to-Energy
- └ Sewage Sludge
- └ Biomass-to-Energy
- └ Hazardous Waste



Six Decades of Industry Excellence

Headquartered in Europe and operating worldwide, LAB first started in the **Exhaust Gas Cleaning (EGC)** industry in 1953, and has been paving the way ever since with the **most advanced, integrated technologies**. LAB's first ship installation for the SS France dates back to 1961 with the original CycloLAB™ dedusting unit. In the past six decades, LAB has developed more than 50 EGC patents and introduced DeepBlueLAB™.

- Ferry, cruise, container and cargo **scrubber expertise**
- Installation of **500+ scrubber systems**
- Installation of **80+ SCR Reactors**
- **Innovative** SOx and NOx **Control Technologies**
- **Tailor-made** deSOx and deNOx solutions for Marine Industry and Diesel Engines





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