FS MARINE+ is a unique and patented engine efficiency enhancement technology for all Diesel (MGO / MDO) & Heavy-Fuel-Oil (HFO) engines with a disruptive customer-focused business model with a secure return-on-investment (ROI) in 3 years for a guaranteed cleaner, more efficient and more profitable operation worldwide.

FS MARINE+ effectively addresses current challenges in the maritime industry for decreasing significantly fuel consumption and cut emissions to reduce operating expenses (OPEX) and increase the operational profitability, while reducing the impact on the environment for a clear win-win with a unique value proposition.

**PROVEN BENEFITS**

1 — REDUCED FUEL CONSUMPTION

- UNIVERSITY OF ROSTOCK (FVTR)
  - (non-optimized, 1 cylinder setup)
  - Tests in Hamburg & Venedig
  - (25% Gross – ca. 16% net)

2 — REDUCED EMISSIONS (IMO tier I & IMO tier II compliant)

- CARBON DIOXIDE (CO\textsubscript{2}) EMISSIONS (depending on engine load)
- FILTER SMOKE NUMBER (FSN) & PM (depending on engine load)
- NITROGEN OXIDE (NO\textsubscript{x}) EMISSIONS (depending on configuration)

3 — REDUCED ENGINE WEAR & TEAR

- WEAR & TEAR / MAINTENANCE (verified by 3rd party – Carl Baguhn)
- LUBE OIL COSTS (verified by 3rd party – CASTROL)

4 — NO HARM TO THE OPERATING ENGINE

- UNIVERSITY OF ROSTOCK (FVTR)
  - No harm observed on the operating engine
- DNV GL / CARL BAGUHN HAMBURG
  - Two inspections during field operation > excellent results

**1— REDUCED FUEL CONSUMPTION**

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**JOIN THE EFFICIENCY REVOLUTION!**