EFFICIENCY ENHANCEMENT FOR MARITIME VESSELS.

FS MARINE+

Next generation efficiency enhancement for maritime vessels with a guaranteed return-on-investment (ROI) within 3 years.

With FS MARINE, FUELSAVE introduced in 2019 a disruptive and unique retrofit solution, which is field & laboratory proven, for addressing 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 test setup]
  - REAL TESTS IN HAMBURG / VENEDIG [Gross 25% – ca. to 16% net]
  - UP TO 11.8%
  - UP TO 25%

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

- CARBON DIOXIDE (CO²) EMISSIONS [depending on engine load]
  - UP TO 40%
  - 8–15%

- FILTER SMOKE NUMBER (FSN) & PM & BC [depending on engine load]
  - 30–80%

- NITROGEN OXIDE (NOx) EMISSIONS [depending on configuration]

3 — REDUCED ENGINE WEAR & TEAR

- LESS WEAR & TEAR / MAINTENANCE [verified by 3rd party – Carl Baguhn]
  - ca. 50%

- LESS LUBE OIL COSTS [verified by 3rd party – CASTROL]
  - ca. 33%

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 > excellent results [less soot / less vibrations, etc.]

JOIN THE EFFICIENCY REVOLUTION!

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FUELSAVE GmbH · www.fuelsave.de · info@fuelsave.de
Save energy.

Save money.

Save the planet.

JOIN THE EFFICIENCY REVOLUTION!

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