

TASK 8.1: After-treatment methods

Objectives

- Development of practical and reliable methods for emissions monitoring in service
- Extension of emissions measuring technologies for single cylinder measurements
- Further development of Non Thermal Plasma (NTP) and Wet Scrubber (WS) technologies, including lab tests and under real engine exhaust conditions

Final Results & Achievements:

- Development and testing of a prototype wet scrubbing system was successfully finished.
- Emission measurement equipment was installed on board a vessel and is in operation.
- Testing of equipment meant for gaseous emissions from a single cylinder was finished. The sampling must be improved.
- Measurements with NTP system on laboratory exhaust were completed. NTP has not yet the potential as an equivalent to commercially available SCR installations.

