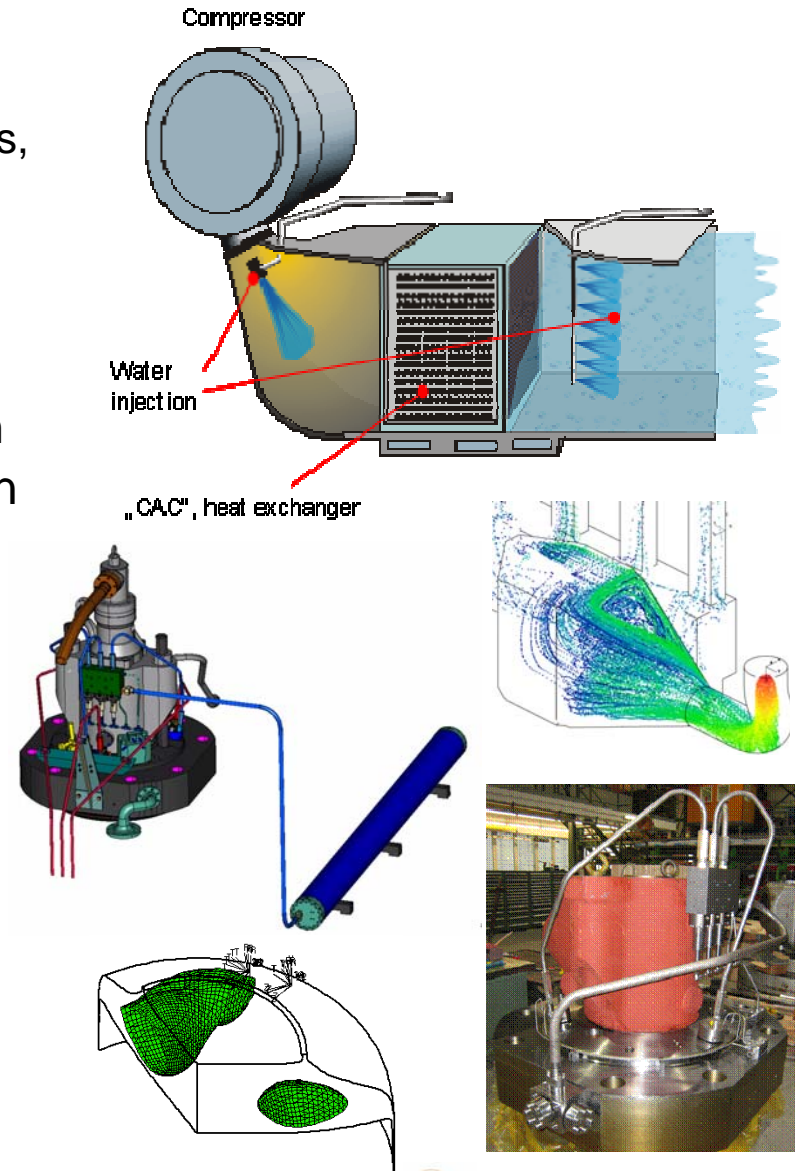


TASK 6.1: Water injection techniques

Objectives: To confirm and quantify the NO_x reduction potential of water injection, to model water injection processes, to develop water injection systems and test them on-board

Final Results & Achievements:

- Simulation studies of direct water injection (DWI) in 2-stroke and charge air humidification (wetpac H) in 4-stroke engines
- Further development of wetpac H concept on the basis of extensive lab tests and feedback from various field test installations
- Development and manufacturing of DWI prototype system, installation on board and start of field test after completion of experiments on laboratory testbed



Partners:

