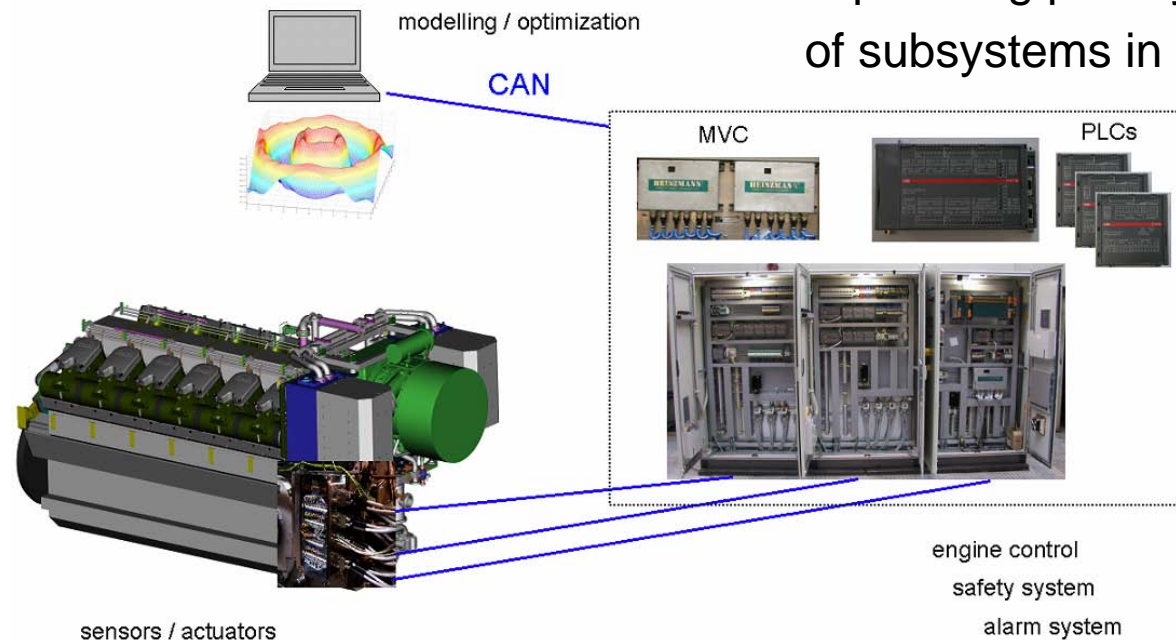# TASK 11.2: Intelligent engine

Objectives:

- Definition of control routines and objective functions, evaluation of controlled variables and actuators
- Evaluation and implementation of control algorithms
- Selection and verification of hardware components and special measurement equipment

Progress Highlights:

- Evaluation of controlled variables, analysis of physical / mathematical relations, definition of objective functions completed
- Investigation of suitable control algorithms and neural network / optimization software
- Soft- / Hardware development and evaluation for actuators and controllers
- Upcoming prototype engine application, verification of subsystems in service tests

Partners: