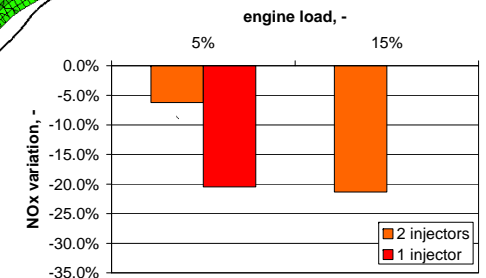
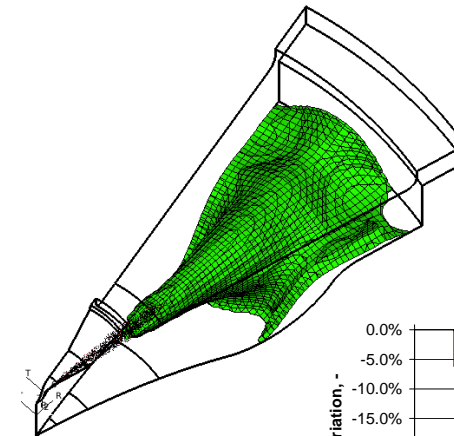
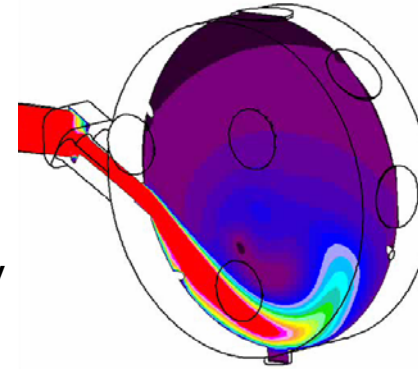


TASK 2.1: Combustion process simulation

Objectives: To perform specialised experiments, to develop advanced models of in-cylinder processes, to perform engine optimisation studies

Final Results & Achievements:

- Development, manufacturing, erection and commissioning of a new experimental facility (large scale spray combustion chamber)
- Validation and further development of spray, combustion and emission formation models
- Simulation studies of in-cylinder processes of 2-stroke and 4-stroke engines, initial investigations into combustion system optimisation
- Engine tests for generating validation data and verifying combustion concepts for lower emissions



Partners:



I.P. HERCULES

Final Meeting, Brussels 5/9/2007