

TASK 11.1: Adaptive control

Objectives:

- Feasibility studies in adaptive control of Power Take-In (PTI) TC system, vibration control and advanced diagnostics
- Prototype tests of advanced controls and diagnostics

Progress Highlights:

- Feasibility studies conducted and reported
- Prototype estimation and observer algorithms on Common Rail engines under reliability testing
- Prototype algorithms for monitoring and diagnostics of engine malfunctions in long-term testing, advanced active vibration control implemented, in prototype testing
- Prototype of advanced controller manufactured - 6L46CR laboratory engine converted for testing, engine started 19.6.2006

