## **HERCULES**

## **Task 3.1 Variable turbocharging**

## First project year highlights

- PTI / PTO feasibility study has been performed for a 2-stroke engine focusing on:
  - Simulations and other investigations
  - Preliminary tests
- Simulations with 2-stage turbocharging has been made on a 4-stroke engine resulting in:
  - Concept clarification
  - Recommendations for a prototype system design
- Verification tests have been made for a new exhaust wastegate prototype



