

# WORKPACKAGE 1: Extreme design parameters

## TASK 1.1: Mechanics of engine with extreme design parameters

### Highlights:

- Subproject “Cycle simulations” completed and reported in Deliverable 1.1.a “Description of CFD model and optimisation results”
- Design and testing of new power cylinder components in progress
- Development of methods for validation of crankshaft bearings in progress
- The valve actuator system of the single cylinder research engine has been redesigned and modified

