

## Large Engine Research Facility (LERF)\*\*

### Scope of project

To investigate emission reductions or efficiency improvement potentials of large engines, simulation and laboratory scale experiments (single cylinder engine and high pressure/high temperature combustions chambers) show significant limits. Therefore a test rig for a 1.2 MW mechanical output diesel engine will be realized to test concepts for future NOx-emission standards on a full scale engine. The test facility is equipped with a dynamic generator set to allow transient operation.



Large Engine Research Facility at PSI.

### Contact

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\*\* ) *Finished project*

<http://www.ccem.ch/lerf>