

**Name of the organization**

ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development)

Name of the infrastructure / laboratory

CR Casaccia / PEMFC, SOFC, MCFC Fuel cell testing Laboratory

Address and country of the infrastructure / laboratory

ENEA C.R. Casaccia - Via Anguillarese 301 - 00123 Rome, Italy

Person responsible of the access / Contact person

Angelo Moreno

Phone / Fax / Web / Email

+39 0630484298 / +39 0630486306 / www.enea.it / angelo.moreno@enea.it

Main field of activity of the infrastructure / laboratory

► Fuel cells – transportation and refuelling

Short description of the infrastructure / laboratory

The FC testing laboratory consists of four laboratories: three of them consist of single cell and stack test benches for performance evaluation and degradation mechanism investigation of PEMFC, MCFC and SOFC. The fourth laboratory is dedicated to chemical-physical characterization of cell and stack component both pre and post test. The access to these 4 laboratories will allow the user to the complete characterization of systems based either on PEM or on MCFC or on SOFC taking into account the specification needed for a peculiar application.

Main research area(s) of the infrastructure / laboratory

Tests can be conducted to test performance and endurance for transport applications both for FC car/bus (PEM) but also as system for APU - Auxiliary power unit on board cars, buses, trucks, ship, caravan, boats... (SOFC, MCFC).

Access not available yet.

Information on the installation will be further updated.