

Intermediate Workshop of the HEGEL project

On **Tuesday 16 October** the Intermediate Workshop of the HEGEL project will take place in Tarragona, Spain. This event consists of a poster stand and a roundtable discussion between the project partners and stakeholders on micro-cogeneration and cooling technologies for trigeneration.

The Workshop is event is part of the first European Conference on Polygeneration (16-17 October).



The HEGEL project aims to develop, demonstrate and compare high efficiency applications of small-scale and micro-polygeneration for the civil and industrial sectors, based on innovative technologies. The project is supported by the IEE programme of the European Commission.

More information can be found on <http://www.hegelproject.eu/>

During the project period three demonstration plants will be constructed and tested:

- **ICED** : A trigeneration plant will be installed in Torino (Italy), the unit will make use of a reciprocating engine cogenerator (120 kWe) in combination with a thermally activated liquid desiccant cooling system, providing cooling and dehumidification avoiding compression cooling and post-heating.
- **MTA** : A microturbine in trigeneration mode with two air-cooled ammonia-water absorption cooling cycles, installed in a multifunctional building in Sant Cugat del Vallès (Spain). Capacity of 65/110/32 kW (electricity/heat/cooling).
- **CS** : A "Combi System" cogeneration plant consisting of the combination of a reciprocating engine and a Rankine cycle engine (bottoming cycle) operated on the exhaust gases of the reciprocating engine. This unit will be installed in Turkey. The capacity will be of 145 kWe with an electrical efficiency of 40%

For more information on the HEGEL Workshop, please contact

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