

Press release
7 June 2006

Important Milestone Reached - 100 Cogeneration Units from Ten Countries Registered

You want to generate electricity and heat highly effectively without wasting energy? Then you require a cogeneration unit and adequate information about technology and funding. You will find 100 examples from Austria, Belgium, Denmark, Germany, France, Hungary, Italy, Portugal, Slovenia and Spain on the website of Cogen Challenge – a project supporting small scale combined heat and power units (CHP).

In the Clinique des Bains, a hospital in Grenoble (157,200 inhabitants, France), a cogen unit with 300 kilowatts electrical capacity was installed in the year 1998 with the pending renewal of the heating system. The electricity of the CHP, which is recognised as project of the month (see Cogen Newsflash May 2006), is supplied into the grid. The heat accruing 420 kilowatts covers more than half of the demand. The CHP which was designed and funded by Gaz Electricité de Grenoble runs with natural gas.

This year in Frankfurt am Main (650,000 inhabitants, Germany) the municipal housing association Wohnheim installed a natural gas operated CHP in a redeveloped residential highrise with 19 floors and 15,000 square meters living area. The CHP delivers 50 kilowatts electrical output and the residents are provided with additional heat powered by solar panels on the building facade.

On the database www.cogen-challenge.org you can find a broad range of CHP power output from really small units designed for single family houses with electric power of 5.5 kilowatts up to large CHPs with an output of 1250 kilowatts. Some of the registered CHPs reduce the CO₂ emissions not only through the combined production of electricity and heat but are even CO₂ neutral, since they are driven with regenerative fuels, like biomass, biodiesel or biogas. So the climate will be protected, energy and money are saved while promoting new innovations.

You already own or operate a CHP? Then you can register on the website www.cogen-challenge.org and you can provide the data of your CHP. Models and good examples from the practice will help future investors with their decision for a small, decentralised thermal power station.

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The Cogen Challenge project is supported by the Intelligent Energy Programme of the EU Directorate-General Energy. The project aims to expand the use of cogeneration and trigeneration, focussing on small units up to one megawatt electric power. The project is coordinated by Cogen Europe, an European association for the promotion of cogeneration. Project partners are the city networks Climate Alliance and Energie-Cités as well as Jozef Stefan Institute (Slovenia), Institut de Conseil et d'Etudes en Développement Durable (Belgium), Rhônealpeénergie-Environnement (France), Fundación Asturiana de la Energía (Spain), city of Frankfurt am Main (Germany), Grazer Energieagentur (Austria).