

Press release

COLD-ENERGY Project

Energy saving: the application of turbocharger technology to commercial and industrial refrigeration plants

April, 15th 2014

Research results and energy saving benefits for the industry

COLD-ENERGY Project, sponsored by the Italian Ministry of the Environment and Protection of Land and Sea, had as its ultimate goal the development of an innovative device to substantially reduce the energy consumption of the Italian refrigerant park, by updating the plants.

COLD-ENERGY promoted:

- the realization of a study to identify the most appropriate solutions, depending on the power class of the machines;
- the development of an energy saving device, both for new generation machines and for existing plants;
- the measuring the actual benefits of energy efficiency in the cold chain;
- the identification the environmental benefits in terms of greenhouse gases and main pollutants emissions, as an effect induced by the energy savings.

The project results allow to estimate an energy saving, for the cryogenic national park, between 15% and 20%, depending on the type and size of plant. The prospect of money saving on national electricity bill is over € 100 million a year, if all cryogenic systems are equipped with COLD-ENERGY device.

Following the positive results of the trial and to ensure the widest possible dissemination and involvement of potential stakeholders, project partners, Angelantoni Clean Tech, University of Rome "Roma Tre" - Fluid Machinery and Se.Te. L., organize a Workshop dedicated to share the results of the research.

The meeting will be an opportunity to present the results and the potentialities of the system, leaving ample space for work and for discussion on the possible scenarios for the market.



The Workshop will take place at *Resort San Pietro sopra le Acque* in Massa Martana (Perugia) on April 15th, 2014 from 10:00 a.m. to 05:00 p.m. .

to visit the test bench used in the experimentation in Angelantoni Industrie plant used in the experimentation, and to discuss particularly interesting issues.

For information and registration , please send an e-mail to the Secretariat of the event , headed by Altran Italia S.p.A. :

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06.45224564

How to reach the workshop:

www.sanpietroresort.com

Vocabolo Capertame, 06056 Massa Martana Perugia

Tel. 075 889132

Geographic coordinates:

42° 46' 29.17" N

12° 30' 42.30" E

Altitude m. 410

