



**PRESS RELEASE**  
**Terni, May 17, 2017**

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## **TERNIENERGIA: start of the Predict project co-ordinated by Softeco Sismat for the energy efficiency of large buildings**

TerniEnergia announces that Softeco Sismat, digital company of the Group, started – with the role of coordinator - the project "Predict", for the energy efficiency of large non residential buildings. The total value of the project is Euro 0.8 million, with a total allowable contribution of approximately Euro 0.4 million.

PREDICT project will deliver and demonstrate an intelligent energy management platform to reduce building energy consumption in an enduring and reliable way. Predict proactively supports managers to reach the efficiency objectives by providing automatic and semi-automatic tool for energy optimization and self-analysis, predictive control. PREDICT discovers, fine tune and actuate data driven “personalized” optimization energy usage strategies taking into account, and interacting with, the many influencing elements in the context of the building (building usage, weather conditions, occupants behaviors, variable energy costs,...) and targeting the building life cycle.

To meet the technical challenge, PREDICT provides a comprehensive approach to energy auditing, usage optimisation and control over the long period and supports building management decision making driven by data and real performance assessment

Energy efficiency in buildings is one of the most important challenges for energy savings in the EU and, at the same time, offers a business opportunity in the Green Economy context.

In particular, energy demand in non-residential buildings is growing fast, and it is crucial to reduce the consumption to achieve considerable impact on the energy consumption in the EU.

The saving potential depends on several factors and, in general, the higher the saving the higher the cost of the efficiency intervention. Higher saving requires substantial structural improvements (e.g. external envelope, window renewal, new HVAC equipment of renewable energy source installation). They require high investment (CAPEX) which may not be affordable or may require a long payback period.

Valuable savings can be achieved with less expensive operational optimisation anyway. According to literature operational optimisation may produce 10-12% savings

The consortium is composed by:

An industrial component (SOFTECO, H2boat, IESOLUTION ) with the collaboration of an academic component (UNIGE).

*This press release is also available on the Company's website: [www.ternienergia.com](http://www.ternienergia.com).*



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**TERNIENERGIA (TER.MI)**, established in September 2005, and part of Italeaf Group, is the first Italian smart energy company, committed to bring worldwide integrated and sustainable energy solutions. Organized into four business lines (Technical services, Energy management, Energy efficiency and Cleantech), with about 500 employees and a geographic presence in almost the continents, with operational and sales offices, TerniEnergia develops solutions, innovative products and services based on digital and industrial technologies for the energy sector.

TerniEnergia, also through its subsidiaries, shall pursue the objectives of increasing energy production from renewable sources, energy efficiency and emissions reduction, as laid down by European environmental policy, and participates actively in the distributed power generation revolution and energy smart grids.

TerniEnergia is the ideal partner for large utilities, distributors and grid operators, power producers, public authorities, industrial customers and investors who intends to carry out large projects for the production of renewable energy plants and modern systems with high energy efficiency, solutions for the management and maintenance of the infrastructure and the electrical systems. TerniEnergia, through a complete technological and commercial offer, develops and provides technologies, turn-key services and solutions for energy consumers in the public and private sectors. The company is listed on the STAR segment of the Italian Stock Exchange.

#### **For further info:**

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