

Project consortium

The project consortium consists of 8 partner organisations from 5 European countries:



AGIMUS GmbH Beratungsgesellschaft, Germany



Ambiente Italia srl Istituto di Ricerche, Italy



Austrian Energy Agency, Austria



ENERGON Energie- und Umweltmanagement GmbH, Austria



KanEnergi Sweden AB, Sweden



SWEA – Severn Wye Energy Agency Ltd, Großbritannien



Swerea IVF AB, Sweden



target GmbH, Germany (project co-ordination)

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Europäischer Sozialfonds in Niedersachsen



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April 2009 - Photos: photocase.com, Thomas H. Kupas - Design: www.set-up-design.de

ENGINE
Energy Efficiency in SME



Hunger for energy vs. efficiency

»Global demand for energy is increasing. World energy demand – and CO₂ emissions – is expected to rise by some 60 % by 2030. Global oil consumption has increased by 20 % since 1994, and global oil demand is projected to grow by 1.6 % per year. Oil and gas prices are rising. They have nearly doubled in the EU over the past two years, with electricity prices following. This is difficult for consumers. With increasing global demand for fossil fuels, stretched supply chains and increasing dependence on imports, high prices for oil and gas are probably here to stay. They may, however, trigger greater energy efficiency and innovation.«

This is the actual state according to the European Commission's Green Paper A European Strategy for Sustainable, Competitive and Secure Energy from March 2006. And right here ENGINE is coming into play.



ENGINE – Energy Efficiency in Small and Medium-Sized Enterprises

Small and medium-sized enterprises (SMEs) are the engine of the European economy. In the EU 25, 23 million SMEs provide around 75 million jobs and represent 99% of all enterprises. However, SMEs seldom have the capacity to systematically exploit all possible energy savings by means of implementing energy management systems, energy services, polygeneration systems and general energy-efficient optimisation.

ENGINE supports SMEs in implementing instruments for energy management, energy services and polygeneration. ENGINE intends to overcome market obstacles such as limited awareness, insufficient know-how and lacking sets of available and homogeneous information and instruments by providing target orientated information and advice services. Furthermore, ENGINE offers complete packages for a successful implementation of energy-efficient supply systems. ENGINE is running from October 2007 until March 2010.

Objectives

ENGINE aims mainly at capacity building, implementing and promoting the market launch for energy management instruments and techniques as well as energy service concepts for SMEs in the partner regions. It combines technical know-how and experience in a high qualified project consortium. The project has an action orientated, practical approach and develops target oriented instruments. ENGINE will:

- raise the awareness and provide information for decision makers, factory managers, stakeholders, local authorities and industrial associations to strengthen the market penetration
- create proper tools for effective knowledge dissemination concerning energy management systems, energy services and energy efficient technologies such as energy checks
- offer high transferability of acquired experiences and results
- contribute to a quick and sustainable implementation of the objectives outlined in the European Action Plan for Energy Efficiency

Target groups

The addressed target groups differ according to the different project activities and comprise:

Technical promoters: engineers, plant designers, technical personnel, technical advisory structures, consultancy companies

Industry: metal fabrication (engine construction companies, metal processing companies), car manufacturing, woodworking (furniture industry, carpenters) and food processing and food industry

Decision makers and multipliers: directors and officers of SMEs, energy agencies and advertising structures, industrial federations and branches associations, Chambers of Industry and Commerce, local administrations and public authorities, ESCOs

The targeted companies have a relevant size (up to 500 employees) and a relevant level of production / energy consumption. Micro enterprises and craft SMEs are not addressed.