



the world has
changed



ENERGY & ENVIRONMENT CLUSTER

TM



HABITECH

ENERGY AND ENVIRONMENT CLUSTER

"We transform sustainability in strategic leverage for innovation and development"

Trentino: an extraordinary environmental patrimony, a strong sustainable culture, a system that has focused on the value of research, development and innovation. Here, in 2006, Habitech was founded. Energy and Environment Cluster: a reality of excellence, comprised of over 300 companies, research organizations and public agencies, a turnover of close one billion euro and 8000 employees focused on improving the habitat we live in.

300 companies
8.000 employees
1 Billion Euro Turnover

Green Building
Energy
Sustainable Mobility

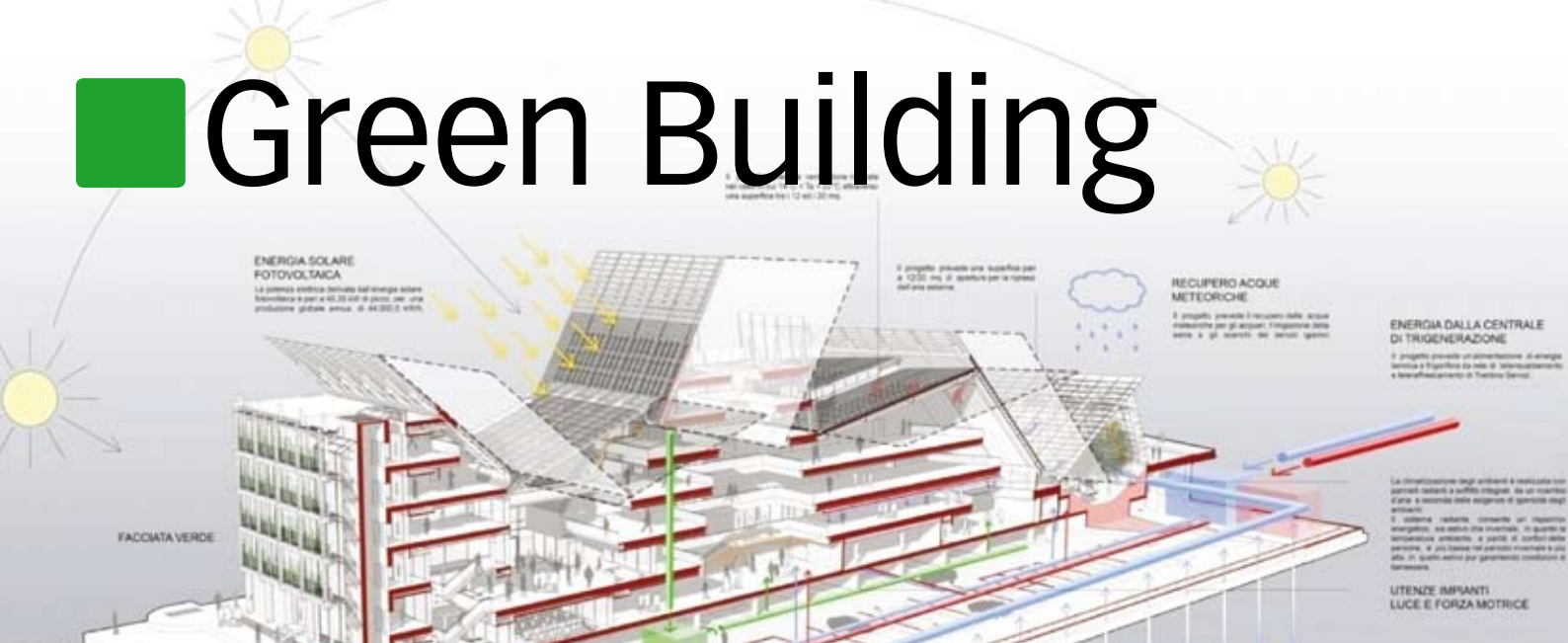
Habitech is

- A network of 300 companies focusing on exploiting sustainability to develop business opportunities and community improvements
- A national excellence hub for green building, energy and sustainable mobility
- The technological District for energy and environment recognized by the Italian Ministry for University and Research
- A catalyst for green-business development

Green Building, Energy and Sustainable Mobility

In these areas Habitech develops projects, offers services for innovation, technical and commercial support for enterprises and institutions. Habitech has the expertise and experience to organize and work within the enterprise networks stimulating cooperation among different businesses and the development of innovative projects.

Green Building



The Green building area was our first target market. Within two years we have welcomed 140 leading companies in the sector, we have supported GBC Italia to a rating system that helps Italian companies to compete in a global context and we have consolidated a system of expertise that enables us to offer global support services.

Habitech chose **LEED® (Leadership in Energy and Environmental Design)** as the most appropriate rating system to support Italian companies in foster innovation and competitiveness. We are the promoting

member and main sponsor of GBC Italy (www.gbcitalia.org) currently working to adapt LEED® to the Italian market.

Habitech believes that LEED® is the most appropriate and widespread system to drive business innovation and product development within the building industry. Habitech represents a wide network made of leading companies in green building design and construction.

Habitech offers:

- Support and technical assistance for any project aspiring LEED® certification.
- Consultancy and technical support for manufacturers and industry associations seeking to produce LEED® compliant products.
- Consultancy to public agencies and governments for the development of local and regional building regulation codes and incentive systems.

GBC Italy

The first benchmark for Habitech in the field of sustainable construction was promoting the birth of the **Green Building Council Italy**. The GBC Italy, born early in 2008 in Trentino, is the association that, like the USGBC, is transforming the building market at a national level through the introduction of the LEED® standard. More than 230 government agencies, research centers and businesses throughout Italy joined the non-profit association, based on voluntary participation of members. Up to now more than 50 LEED® projects have been registered for certification from Italy and Habitech has already begun to offer designers and companies with new services to support LEED® certification. Currently, several projects in Italy have adopted the U.S. LEED® version, but soon LEED® Italy 2009, for New Construction, will be launched. In fact, thanks to the contribution of Habitech and associated achievements, the process of the translation and transposition of LEED® content for Italy has been completed.

PROMOTING MEMBER
AND MAIN SPONSOR



HABITECH INTEGRATED SERVICES

GREEN BUILDING Building Certification

Habitech supports companies by offering a wide range of integrated services allowing them to obtain the LEED® certification and develop client knowledge and experience.

Habitech can count on a highly skilled team composed of both Italian and American professionals, who offers the following services:

- Eco-charrette

- Leed® AP
- Leed® Administration
- Commissioning
- Energy Modeling
- On-the-job training
- Marketing and Communication

Building products and services

LEED® certifies building, not the products, even though they play a fundamental rule in order to obtain the final result. All products involved in the project can therefore contribute to



Energy

The new world energetic situation is pushing for new way to produce and consume energy.

Energy efficiency

It's now possible to do more with less and to this end Habitech is working to develop **ESCo (Energy Service Companies)**: these companies provide a wide range of energy solutions which include designs and implementation of energy savings projects, energy conservation, energy infrastructure, power generation and also energy supply.

We work with ESCOs supporting them to perform analysis of the property, design energy efficient solutions, install required elements, and maintain the final system to ensure energy savings during the payback period.

ESCo represent an opportunity for both public administration and private clients.

ESCo need well-defined tools and policies.

We are developing shared standard of EPC together with companies, financial system

and local institutions.

Habitech involves Public Administration, Financial Institutions, local companies and professional resources to establish shared ESCo models and contractual standards. This will boost the creation of small and diverse ESCOs operating at a local level.

Renewable Sources

Green, Smart, Small: Habitech is transforming a small region into a competitive leverage by developing a new and innovative approach to energy production and distribution. Habitech is the ideal partner to develop integrated projects thanks to its technical knowledge, network and expertise.

Habitech network of companies is involved within the energy market in a variety of sectors: photovoltaic, hydroelectric, biomass, hydrogen and DHC (district heating and cooling).



DISTRICT HEATING AND COOLING PLUS (DHC+) TECHNOLOGY PLATFORM MEMBER

>> the achievement of credits if they are compliant to the requirements.

HABITECH offers a consultancy service to companies, whereby they can place their product in terms of environmental sustainability and energy parameters and ratings according to LEED®.

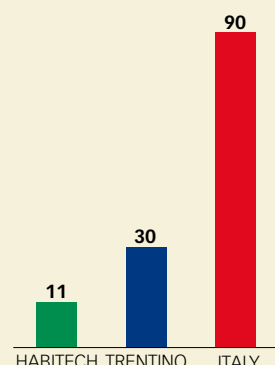
In particular HABITECH offers:

- Help and support to verify compliance from the possible contribution of products and services with

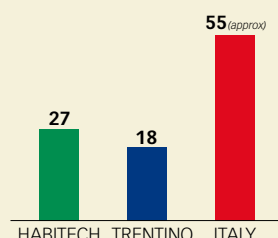
respect to LEED® standards

- Analysis of LEED® credits to which products and services can contribute
- Verification of possible actions that might be able to contribute to the credits identified.
- Information about the USGBC policy and possible contribution of products compared to credits and standards.

Leed® Accredited Professionals (AP)



Leed® projects



Sustainable mobility



An efficient transportation system is key in the sustainable development of an area. Habitech uses first class technology and worldwide best-practice to approach the sustainable mobility issue in order to achieve system interventions to increase the economic, social and environmental sustainability.

Habitech is a key partner for local government and institutions. We are interested in researching frameworks and rating systems for sustainable mobility local initiatives:

Our projects

• *Green Valley*

The Green Valley project operates to transform Primiero valley in the Dolomites into an **Oil Free Zone**[®] where mobility will also be based on renewable energy sources produced locally: bio-methane, hydrogen and hydroelectric. Green Valley is a project where energy represents the engine for a sustainable local development.

• *Motus*

MOTUS (Mobility and Tourism in Urban Scenarios) is an "Industria 2015" project which aims to build a platform of info-mobility services supporting sustainable and eco-mobility.

Info-mobility delivers an innovative and alternative system of transportation, able to offer an integrated service for both tourists and citizens.

In Motus we have three projects with different implementation and specific goals: Rome for tourism; Milan for events (Expo 2015) and the Primiero Valley for ecomobility.



OFFICIALE PARTNER
SUSTAINABLE ENERGY
EUROPE

ENERGY

Habitech offers:

- Support to private and public client for creation and development of Energy Service Companies
- Market positioning of innovative technology solutions
- Support to Public Administration on energy policy and regulation
- Consultancy on Energy Performance Contracting

MOBILITY

Habitech constantly supports eco-sustainable mobility offering:

- Scouting and technology transfer service
- Market trends analysis and reporting
- Integrated projects development for commercial and public transportation

GREEN SMALL SMART

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ENERGY & ENVIRONMENT CLUSTER

Via Fortunato Zeni 8
38068 Rovereto (TN) - Italy
tel +39 0464 443450
fax +39 0464 443460
segreteria@dttn.it
www.dttn.it

