The savings potential

The building sector accounts for more than 40 percent of the end-energy consumed in the European Union. This is about 10 percent more than the transport sector’s total end-energy consumption.

And the saving potentials until 2020 are enormous for buildings – for commercial buildings it is with 30 percent even higher than for residential buildings.

The largest potentials for energy savings can be exploited by e. g. optimizing the building envelope and by improving heating and cooling systems of buildings.

<table>
<thead>
<tr>
<th>Energy consumption</th>
<th>Million tons of oil equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry 28%</td>
<td>Households 26%</td>
</tr>
<tr>
<td>Transport 31%</td>
<td>Commercial Buildings 15%</td>
</tr>
</tbody>
</table>

End energy consumption EU. Source: EU Commission 2006
Becoming a GreenBuilding Endorser

Organizations concerned with engineering consultancy, construction, architecture, design or energy services. In this function they have to assist customers to improve the energy efficiency of their building stock and to introduce renewable energies. Being a GreenBuilding Endorser gives a company the opportunity to advertise its awarded competence, actions and services in an European context and to acquire clientele.

Participate!

There are two options how to participate in GreenBuilding.

Being awarded either as

- GreenBuilding Partner (applies to the owner of nonresidential buildings) or
- as GreenBuilding Endorser (applies to supporting planners, architects, energy consultants etc.).

The EU GreenBuilding Programme

In the face of constantly rising oil prices, reduced amounts of fossil fuels and serious impacts of the climate change all over the world, the European Member States are determined to substantially raise energy efficiency and to promote the use of renewable energy sources.

The voluntary GreenBuilding Programme is the EU Commission’s action aimed at private and public non-residential buildings. It awards a building’s substantial reduction of energy consumption and CO₂ emissions. It serves with a Good-Practice-Database, the GreenBuilding Diplomas and the accompanying PR as a platform that promotes and communicates forward looking organizations for their efforts – thereby enhancing their market situation.

The EU GreenBuilding Programme

Every enterprise, company or organization that improves the efficiency and introduces renewable energy sources in its building stock can be rewarded with the GreenBuilding Partner Status. Provided that the minimum requirement of a reduction of the total primary energy demand by at least 25 percent is as fulfilled for:

- new buildings: compared to the legal regulations in force
- refurbishment: compared to the demand before and after the optimization

As a certified GreenBuilding Partner your company can present its

GreenBuildingPlus Benefits

GreenBuilding motivates building owners to invest in energy efficiency and renewable energies. GreenBuilding:

- involves participant in broad PR and presents them on the European website and on national websites,
- creates publicity and recognition for companies investing energy efficiency and for their supporters (planers, energy consultants etc.) and strengthens the participants competitiveness and
- provides information about energy efficiency and renewable energies in non-residential buildings.

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