



penelope bacchus

Promoting Energy efficiency to Local Organisations
through dissemination Partnerships in Europe
Best Actions for Collaboration in Countries
for a High efficient Use of energy in Structural funds

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Training of Hotel staff on Energy Management -

MADEIRA - Portugal

One of the objectives of this project was to reduce the energy consumption in the hotel sector through the development of an educational toll/software package for the on job training of hotel staff in the field of Rational Use of Energy.

Target Groups	Sector	Field
<ul style="list-style-type: none"> - Decision makers - Manufacturers / industry 	<ul style="list-style-type: none"> - Buildings (including municipal properties) 	<ul style="list-style-type: none"> - Information - Education and training

ANALYSIS

The Hotel Industry registered a rapid growth over the last few decades in Madeira, contributing to the increase of the energy consumption in this sector.

The information within this software package was designed to aid hotel employees to gain "on the job" theoretical and practical knowledge on technological issues and methods for energy conservation, as well as the efficient use of energy. This tool was designed to be a self training software, user friendly which can be used as a continuous information source.

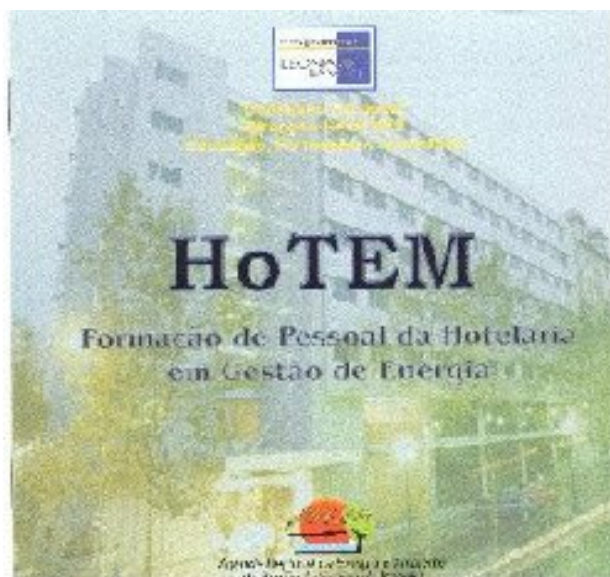
Once installed, and within the introduction, the user of the software is invited to select the most suitable level of access. Three levels of access are available: General Managers (for hotels with more than 150 rooms), Managers of Medium Hotels (for hotels in between 50 and 150 rooms) and Technical Directors (for all types of Hotels).

This program shows that energy management can lead to lower the costs, to improve the environment, to improve the customer comfort and satisfaction and to achieve higher profitability.

From the beginning, and in the planning stage, users are informed/trained about how to define goals, objectives and targets and how to measure success. The section of Energy Monitoring explains the use of energy efficiency indices, energy sources and their emissions, the need to continually monitor the fuel being used.

The toll includes information on space and water heating and its impact on the energy consumed in hotels as well as the important role in the hotel planing, it also includes information of the advantages of Combined Heat and Power in large and medium size hotels.

The Catering section of this package shows the opportunities of energy saving in kitchens, covering the following items: Food storage, Cooking, Air extraction, Dishwashing, Heating, Lighting, Maintenance and, Laundry. Other section of this software covers the energy efficiency in leisure areas, namely in swimming pools.



AREAM - AGÊNCIA REGIONAL DA ENERGIA E AMBIENTE DA REGIÃO AUTÓNOMA DA MADEIRA

CD-ROM Cover of the educational tool for the on job training of hotel sector employees - HoTEM

COST AND BENEFITS

The application and dissemination of the educational tool (CD-ROM) under this project will improve the hotel managers and technical staff professional skills in Energy Saving at an European Level, which is a necessary condition to overcome the challenge of development in Europe.

The results of the users pilot test were mostly positive, reporting that the HOTEM CD-ROM is a very valuable and useful tool for educational purposes, with a good presentation, very useful for training of the hotel staff in energy issues it was also pointed out that the tool should be distributed in as much hotels as possible.

PARTNERSHIP

This project was co-ordinated by CRES (Greece) with the collaboration of the following partners:
AREAM Agência Regional da Energia e Ambiente da Região Autónoma da Madeira - Portugal;
CREATE - United Kingdom;
ICAEN - Spain

RECOMMENDATIONS

Besides the services offered to customers depend largely on the energy consumption, it is possible to achieve a desired level of comfort in hotels and, at the same time, achieve considerable energy savings.

As this educational tool can be used in any type of hotel, it is expected that the issues in the field of Rational Use of Energy will be widely disseminated in the Hotel sector, contributing thus to reduction of the energy consumption and harmful emissions in Europe.

The CD-ROM produced under this project deserves a greater effort in dissemination, since the results achieved in hotels were very satisfactory.

TO KNOW MORE

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USEFUL INFORMATION

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