

PROJECT: **ENERinTOWN**
REF EC: **EIE/05/118/SI2.419653**
REF EVE: **06.09.04.0009**

DOCUMENT: **Energy management course**
REF.: **LMP_06_01** Dis. Lev.: **PU**
DATE: **03/06/2008** REV. **1** PAG **1/5**

Intelligent Energy  **Europe**

ENERGY MANAGEMENT COURSE

WP5.D2

PARTICIPANT ID: Instituto Superior Técnico

PARTICIPANT SHORT NAME: IST

COUNTRY: Portugal

DATE: 3rd June 2008



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0. INTRODUCTION

One of the obstacles to implementing measures for improving energy consumption in municipal buildings is often that there is nobody at municipal level with sufficient knowledge to assess, propose and decide on actions in the energy field. This project will help remove this obstacle, creating the figure of the local energy manager at a municipal or pan-municipal level. This person will be in charge of:

- Managing the consumption-monitoring system installed in the municipal buildings.
- Identifying anomalies and deviations through comparison with similar buildings or with previously established standards.
- Searching and proposing the adoption of improvements, for which purpose he or she will use the technical support of the regional energy agency and the experience of other municipalities in similar measures to that proposed.

This manager's work will not be limited to monitoring consumption in the buildings selected under the ENERinTOWN project. His or her area of activity will include all energy aspects that depend on the town council.

The ENERinTOWN partners will give a training course to the managers in their geographical area, which will include subjects such as:

- Basic principles of operating the energy installations of buildings
- The monitoring system
- The municipal energy management tool. Detection of anomalies and deviations in consumption figures
- Typical energy saving measures in municipalities (buildings, public lighting and transport).



1. PURPOSE

The purpose of this document is to set out the essential features of the course for municipal energy managers held on 5th of May 2008 in Lisbon.

The course was attended energy managers from the municipalities associated with ENERinTOWN project.

The training course had a very strong practical focus, and the main objective was to provide information to build-up skills in the use of the installed energy monitoring systems. Joint analysis of data collected was conducted, and discussed by all participants, potential savings were identified.



2. DESCRIPTION OF THE COURSE

2.1. PARTICIPANTS

Energy managers from 3 municipalities: Oeiras, Almada and Cascais municipalities and energy agencies.

- Sílvia Remédios (Almada energy agency)
- Helena Lima (Almada municipality)
- Ana Vieira (Oeiras municipality)
- Jorge Cordeiro (Oeiras energy agency)
- Rogério Ivan (Cascais energy agency)
- Julian Edmond (EMT, Ltd)

2.2. LOCATION AND DATE

LOCATION:

Training room of the Mechanical Department of Instituto Superior Técnico

DATE: 5th of May 2008

SCHEDULE

9:00 – 12:30

14:00 – 18:00



2.3. PROGRAMME

Training session for energy managers

Lisbon, 5th May 2008

The presentations we:

- Introduction and ENERinTOWN project developments (Vasco Ferreira – IST)
- aM&T for identification of energy savings in municipal buildings: case-studies (Julian Edmonds - EMT, Ltd)
- Typical energy saving opportunities uncovered by the use of aM&T systems (Vasco Ferreira – IST)
- Overview and results of the electricity monitoring system in Cascais municipality (Rogério Ivan – Cascais Energia)
- Presentation of data collected (Vasco Ferreira – IST)
- Data analysis and identification of savings - Group work (All)
- Discussion and Conclusions

3. ANNEX

