



TRAINING

Energy efficiency in tertiary buildings

OBJECTIVE

This training starts with basic knowledge concerning energy consumption in buildings; it learns how to assess the improvements in an existing building and how to quantify the energy savings opportunities.

TARGET GROUP

Technical and energy managers, process engineers.

DURATION

1 day

CONTENT OF THE TRAINING

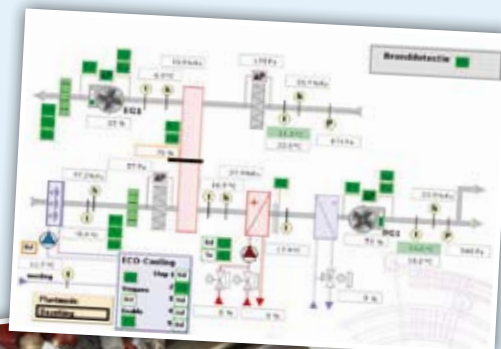
- Explanation of the Energy Performance of Buildings (EPB) directive and derived local regulations
- Definition of thermal comfort and comfort parameters: PMV, PPD.
- Thermal losses and energy consumption: principles of heat losses calculation and calculation of the annual consumption on the basis of the degree-days method.
- Heating installations: centralized and decentralized heating systems (boilers, heat pumps, ...)
- Ventilation and air conditioning: assessment of needs, current technologies and improvement opportunities
- Sanitary hot water: calculation of needs and energy consumption, possible improvements, inclusive solar power
- Energy consumers in offices: vendor machines, IT equipment,...: assessment of consumption and best practices for their efficient use
- Practical examples illustrate all the parts of this training

SPECIFIC ASPECTS

The training may be given anywhere, in Dutch, English or French. Groups of about 10 participants, allowing an interactive participation. The participants get a copy of the presented slides

Responsible

- bohdan.soroka@laborelec.com
T. + 32 (0)2 382 04 80
- ralf.bosch@laborelec.com
T. +32 (0)2 382 06 93



Laborelec Belgium

Rodestraat 125
1630 Linkebeek
Belgium

T. +32 2 382 02 11
F. +32 2 382 02 41
RPR/RPM Brussels 0400.902.582
BTW/TVA BE 0400 902 582

www.laborelec.com
info@laborelec.com

FIVE REASONS FOR YOU TO CHOOSE LABORELEC

- One stop shopping for your energy related services
- More than 40 years of experience
- Increased profitability of your installations
- Independent and confidential advice
- Recognized and certified laboratory

