

Module 5:

Decentralised energy planning and management

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Description

The 2008 Financial Act has provided for the introduction of production objectives throughout renewable sources on a regional basis. This indication has been reinforced in the legislative decree, which acknowledges the European Directive 2006/32/CE on end use efficiency, in June 2008. This decree introduces regional obligations regarding energy efficiency. During the next years these two measures will require decentralised institutions to be more responsible concerning the effort of the whole society to reach the ambitious objectives of the European 2020.

This will imply on the one hand, a reflection about the procedures for authorization and on the other hand the definition of adequate interventions and incentives planning forms, not only economically speaking, in order to fulfil new obligations.

The key will be making more competent the personnel of this sector and also employing qualified technicians.

This module will go through the ways in which local bodies define and realise energy efficiency programmes and renewable sources development.

Programme

- Energy efficiency strategies definition
- Energy responsibility on the basis of subsidiary principle
- Energy balance: balance and energy indicators for energy planning
- Actors and energy policies on local scale
 - Local authority energy policies
 - XXI agenda
 - Local energy conflicts
- Local authorities: energy efficiency and renewable sources
 - Efficient technologies, fuel shift and renewable energy on urban scale: policies and barriers
 - Local authorities and energy efficiency
 - Actors role concerning solar energy diffusion on local basis
- Local authorities: flexible mechanisms of Kyoto Protocol
 - ETS objectives transfer to local authorities
 - Carbon credits markets
 - Practical realization of CDM

- Local authorities: mobility and waste
- Energy management and regional energy plans
- Energy management and province energy plans
- Energy management and municipal energy plans