EVENT DESCRIPTION
RES-e Regions

Title: Training on wood biomass co-generation systems connected with district heating systems
Date & location: 20 March 2007, Portorož, Slovenia
Organiser: UL-FME and Slovenian District Heating Association
Number of Participants: 44

Short description:

Training was targeted to the local public and local actors on the field of electricity production from wood biomass.

Background:

Because as energy sources in Slovenia different fossil fuels are used which potentials are limited and demands regarding emissions more and more rigorous, it is suitable that in Slovenia we start with organized wood biomass utilization, since we have relative high potentials of forests which represents unexploited domestic energy source. The most efficient exploitation of wood biomass in energy purposes is combined heat and power production. In comparison with separated production combined heat and power leads to higher efficiency of fuels and smaller pollution of environment.

Aim & programme:

Aim of the event was to present the perspectives of combined heat and power production to local public and local actors. The actual state on the field of wood biomass potentials (theoretical and technical) was presented. Technologies for efficient transformation of wood biomass into heat and electrical energy and best case examples from Europe were the main part of the event. Since at combined heat and power production a problem of surplus heat appears usually, the co-generation systems connected with district heating systems were presented.

Results, follow-up:

The event was concluded with the following conclusions:

- Combined heat and power production is the only efficient exploitation of wood biomass in energy purposes.
- Due to lower transport costs since wood biomass is uniform arranged over the whole Slovenia a large number of small and micro-scale systems are more suitable than less large-scale systems.

Further information: www.fs.uni-lj.si/los/euprojekti ⇒ RES-e Regions