



## International Training Seminar Biomass Heating – Market development and technologies Linz/Austria, September 15 – 17, 2010

The market transformation towards modern, high-efficiency biomass heating presents enormous opportunities for local economic development, for decreasing energy costs and for climate and environment protection.

The 3-day international training seminar will provide information and know-how on local market development and technologies for automatic biomass heating, based on the experience in Austria. It will focus on small- and mid-scale projects, fuelled by wood pellets and wood chips, covering solutions for homes, smaller commercial/public buildings and district heating grids (up to a few hundred kW). The seminar will offer interactive learning in an international group, educational site-visits and presentations by experts in biomass technologies, market development, forestry and environment.

The international training seminar is organised by the Energy Academy of the O.Ö. Energiesparverband, the energy agency of the state of Upper Austria. Upper Austria is a success story in high-efficiency biomass heating: more than 30 % of the heat demand are covered by clean, automatic biomass heating. Green heating has created more than 500 new jobs in Upper Austria in recent years. The "Energy Academy" offers more than 30 technical training seminars on sustainable energy annually.

### Seminar topics

- Success factors for developing a regional/local biomass heating market
- Technology overview (combustion, emissions), system designs
- Fuel standards and logistics (wood pellets, wood chips, log/cord wood)
- Business and financing models, marketing

As an international training seminar, the seminar will not cover country specific information, such as specific legal aspects or funding programmes.

### Target groups

The seminar targets at representatives of businesses, public bodies, institutions, NGOs etc. interested in developing a local/regional biomass heating market. The seminar is especially meant for persons from countries where the market for automatic biomass heating is in a starting phase.

### What will the international seminar offer?

- Practical hands-on information from people who have done it - learn from the best in biomass heating!
- A lively mix of presentations, technical site-visits and interactive learning in an international group
- 3 intensive days packed with information and know-how on the technologies, the economics and the marketing of biomass heating!



## The training team

- **Experts of the O.Ö. Energiesparverband:** The O.Ö. Energiesparverband as the state agency for renewable energy plays a crucial role in the biomass heating market development, for example by managing funding programmes and by carrying out promotional campaigns and training programmes. It also manages the Oekoenergie-Cluster, a network of 150 renewable energy and energy efficiency companies in Upper Austria, which also includes many of the European leading biomass boiler manufacturers. The O.Ö. Energiesparverband is also the organiser of the European Pellet Conference, the largest annual event on wood pellets in the world.
- **Experts of Bioenergy 2020+:** Bioenergy 2020+ is a world-wide leading research body in the field of energetic use of solid biomass and is specialised in small scale combustion appliances. A main activity is the development of innovative solutions for biomass heating appliances in cooperation with European equipment manufacturers.
- Experts from companies offering biomass heating products and services

## Time-table

Tuesday, September 14	Arrival, evening: get-together & welcome
Wednesday, September 15 – Friday, September 17	Training seminar & technical site-visits The seminar ends on September 17 at 18.00
Saturday, September 18	Sightseeing (e.g. Salzburg or Vienna) - not included in the seminar fee

## Practical details

Date	September 15 - 17, 2010
Language	The training seminar will be held in English (please note that a good command of English is required).
Fee	750 Euro (plus 10 % VAT) 500 Euro (plus 10 % VAT) for public administrations & energy agencies This fee includes the training sessions, the seminar documentation, the site-visits, coffee breaks/meals Accommodation in nearby hotels in Linz is about 80-100 Euro/night (including breakfast and taxes) and not included in the seminar fee.
Registration	Please register before August 20, 2010 by eMail to <a href="mailto:office@esv.or.at">office@esv.or.at</a> (please note: the number of participants is limited). Together with the registration, please provide the following short information: your motivation for participating in this seminar; your experience with biomass heating (if any); a short CV, thank you.
Organiser & location	O.Ö. Energiesparverband, Energy Academy, Linz/Austria Landstrasse 45, A-4020 Linz, <a href="mailto:office@esv.or.at">office@esv.or.at</a> , <a href="http://www.oec.at">www.oec.at</a>

## The partners

