



International Training Seminar  
**Biomass Heating**  
Market development  
and technologies

Linz/Austria,  
September 15 – 17, 2010

## International Training Seminar **Biomass Heating – Market development and technologies**

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 kilowatt).

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 O.Ö. Energiesparverband is the organiser of the European Pellet Conference, the largest annual event on wood pellets in the world.



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## **Upper Austria**

Upper Austria is one of the nine federal states/regions of Upper Austria. It has a population of 1.4 million. Already since the mid-90ies, the state has given political priority to energy efficiency and renewable energy sources. Renewable energy sources currently cover 33 % of the total primary energy demand, 15 % of which is hydro power, 15 % biomass and 3 % are solar and other renewable energy sources. By 2030, the state has set itself the target to cover 100 % of its electricity and space heat demand from renewable energy sources.



## **O.Ö. Energiesparverband**

The O.Ö. Energiesparverband is the energy agency of Upper Austria, it supports the state government in the development and implementation of regional energy programmes. These include for example energy certification and rating of buildings, energy advice services to households, businesses and public bodies or managing state funding programmes. The O.Ö. Energiesparverband also runs the „Energy Academy“ which holds more than 30 training courses on energy efficiency and renewable energy sources annually.



## **Ökoenergie-Cluster**

The O.Ö. Energiesparverband also manages the „Ökoenergie-Cluster“, the network of renewable energy and energy efficiency companies in Upper Austria. Currently, 150 companies and institutions are partners of the network, employing more than 6,200 and achieving a turnover of more than 1.7 billion Euro /2.2 billion US \$ annually. These companies are active in all fields of sustainable energy production and use, special areas of excellence are automatic biomass heating, solar thermal and high-efficiency energy buildings. In recent years, these companies have seen a strong growth and have created more than 500 new jobs in the region.



## 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.
- **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 of Dulas, United Kingdom:** Dulas is a leading UK company for biomass installations. They have engineered and installed systems for domestic, commercial and public customers and are experienced training providers.
- **Experts from companies** offering biomass heating products and services.



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## Practical details

<b>Date</b>	September 15 – 17, 2010 (Start: September 14, 18.00 Uhr; end: September 17, 18.00)
<b>Language</b>	The training seminar will be held in English. (Please note that a good command of English is required).
<b>Fee</b>	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 is not included in the seminar fee.
<b>Registration</b>	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).
<b>Organiser &amp; location</b>	O.Ö. Energiesparverband, Energy Academy, Landstrasse 45, 4020 Linz/Austria, <a href="mailto:office@esv.or.at">office@esv.or.at</a> , <a href="http://www.oec.at">www.oec.at</a> , ZVR 171568947

## Linz

Linz is the third-largest city of Austria and capital of the state of Upper Austria (Oberösterreich). It is located in the north of Austria, approximately 30 km south of the Czech border, on both sides of the river Danube. The population of the city is around 200,000. As the „Cultural Capital of Europe“ in 2009, Linz is a city which combines an industrial heritage with modern cultural highlights (e.g. Ars Electronica Center, Lentos museum, etc.).



## Travel information

**by railway:** direct connections from Vienna, Salzburg, Munich, Paris, Brussels, etc.

**by road:** A1 and A7 motorways

**by air:** airports Linz (14 km from Linz city centre), Vienna (185 km), Salzburg (135 km), Munich (273 km)



## The partners

