

Biomass Heating
Market development
and technologies

International Training Seminar

14 - 17 September 2015,
Linz/Austria



What does the international seminar offer?

- 3 densely-filled days with information and **know-how on the technologies, economics and marketing of biomass heating!**
- Practical, **hands-on time** with experienced people - learn from the best in the field!
- A dynamic **mix of seminars, site-visits and interactive exchanges** in an international group.
- A programme fully-focused on **small- to mid-scale wood pellet and wood chip projects.**

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)
- Business and financing models, marketing

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

Target groups

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

Participants' comments from previous years

"All fields of biomass utilisation were covered and were explained with concrete examples."

"I very much appreciated the practical orientation of the seminar."

"The seminar was outstanding: well-designed, broad in scope and informative"

"All speakers showed enthusiasm for their subject and the level of technical details was excellent."

"It was one of the most interesting trainings I have ever participated in. The hosts were excellent, and I especially appreciated the attention paid to providing us with a nice atmosphere."





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The seminar

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

The International Training Seminar focuses on small- to mid-scale projects fuelled by wood pellets and wood chips and covers solutions for homes, smaller commercial/ public buildings and district heating grids (up to a few hundred kilowatt).

The seminar offers interactive learning in an international group, educational site-visits and presentations by experts in biomass technologies, market development and environment.

Organiser

The International Training Seminar is organised by the Energy Academy of the OÖ Energiesparverband, the energy agency of the region of Upper Austria. Upper Austria is a success story in high-efficiency biomass heating: more than 30 % of the heat demand is covered by clean, automatic biomass heating. Green heating has created more than 500 new jobs in Upper Austria in recent years. The OÖ Energiesparverband is also the organiser of the European Pellet Conference, the world's largest annual event on wood pellets.



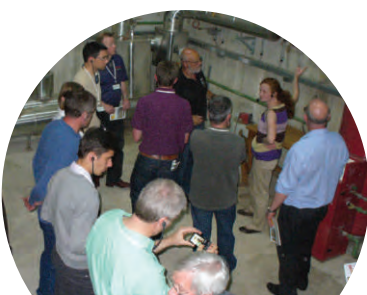


Seminar Agenda (subject to change)

14 September	Arrival, introduction and welcome dinner
15 September	Technical training sessions <ul style="list-style-type: none">- Biomass policies, programmes and market development- Technical aspects of biomass boilers Technical site-visits <ul style="list-style-type: none">- Biomass boiler manufacturer- Processing & distribution of wood chips- Biomass district heating installation
16 September	Technical training sessions <ul style="list-style-type: none">- Combustion technologies, emissions & efficiencies- Biomass heat contracting (financing and operation model)- Biomass district heating Technical site-visits <ul style="list-style-type: none">- Pellets production & distribution- Biomass heating plant
17 September	Technical site-visits <ul style="list-style-type: none">- Pellet distribution chain- Pellet boiler manufacturer- Farewell dinner

What is different to other seminars?

- **Learn from the best** and spend three intensive days in the leading biomass heating region!
- Get the most **up-to-date knowledge** from experts working in the field of biomass, either in businesses, associations, research organisations or public bodies.
- Profit from the **"hands-on" approach**: half of the seminar time is on-site training, the other is "classroom" training.
- See the **whole biomass supply chain in action**: from equipment and fuel manufacturers to biomass logistics and a range of different plants in operation.
- Benefit from a sociable atmosphere during the seminar and develop long lasting partnerships with biomass experts from different parts of the world.
- Enjoy Austrian hospitality!





Upper Austria

Upper Austria is one of the nine federal states/regions of Austria. It has a **population of 1.4 million**. Since the mid-90s, the region has given political priority to energy efficiency and renewable energy. Renewable energy sources currently cover 35 % of the total primary energy demand: 16 % is biomass, 14 % hydro power and 5 % solar and other renewable energy sources. **The region has set itself the target of covering 100 % of its electricity and space heat demand from renewable energy sources by 2030.**



OÖ Energiesparverband

The OÖ Energiesparverband is the **energy agency of Upper Austria**. It supports the regional government in the development and implementation of **regional energy programmes**. These include, for example, energy certification and rating of buildings, energy advice services for households, businesses and public bodies and managing funding programmes. The OÖ Energiesparverband also runs the "**Energy Academy**" which holds more than 40 training courses annually on energy efficiency and renewable energy sources.

Oekoenergie-Cluster

The OÖ Energiesparverband also manages the "Oekoenergie-Cluster", the **network of renewable energy and energy efficiency companies** in Upper Austria. Currently, more than 170 Upper Austrian businesses and over 40 businesses from the neighbouring Czech region South Bohemia are partners of the network. Together, they employ more than **9,300 people** and achieve an **annual turnover of more than 2.3 billion Euro**. These companies are active in all fields of sustainable energy production and use, special areas of excellence are automatic biomass heating, solar thermal and highly energy-efficient buildings. In recent years, these companies have seen a strong growth and have created more than 500 new jobs in the region. More than **25 % of all biomass boilers sold in the EU are manufactured by Upper Austria's boiler industry** and pellet heating systems have become a standard solution.



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Practical details

Date	14 - 17 September 2015 (Start: 14 September, 17.30; End: 17 September, 18.00)
Language	The training seminar will be held in English. (Please note that a good command of English is required.)
Fees	920 Euro (plus 10 % VAT) 610 Euro (plus 10 % VAT) for public administrations & energy agencies Fees include the training sessions, seminar documentation, site-visits and coffee breaks/meals. Accommodation in nearby hotels in Linz is about 90-120 Euro/night (including breakfast and taxes) and is not included in the seminar fees.
Registration	Please register before 7 September 2015 by e-Mail to office@esv.or.at or online (please note: the number of participants is limited).
Organisation & location	OÖ Energiesparverband, Energy Academy, Landstrasse 45, 4020 Linz/Austria, office@esv.or.at , www.oec-en.at , ZVR 171568947

Linz

Linz is the third largest city of Austria and the capital of the region 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 Danube river. The city has a population of 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 Art Museum, new opera 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



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