

# European Pellet Conference 2020

4 - 5 March 2020  
Wels, Austria







The largest  
annual  
pellet event  
worldwide!

[www.pellets20.eu](http://www.pellets20.eu)
















# European Pellet Conference 2020

## Programme overview

- 
**Strategy Session**  
 Positioning pellets as an important solution of climate policy is essential. We show how this can be done.
- 
**Pellets in Action and Pellet Innovation Circle**  
 We showcase innovative technologies, projects and financing solutions from around the globe.
- 
**Market Update Session**  
 Updates and outlook on European and global markets by representatives from all over the world
- 
**Technical site visits: Pellets and wood chips**  
 A full day of technical site visits about fuels, equipment and exemplary installations: hands-on experience and information directly from technology suppliers and plant operators
- 
**Young Biomass Researchers Conference**  
 A conference presenting the work of young biomass researchers. The best contribution receives the Best Young Biomass Researcher Award.
- 
**Poster Presentation**  
 An opportunity to display successful biomass projects and products as well as results of EU projects to international experts
- 
**“Pellet tradeshow“ (Energiesparmesse)**  
 Leading tradeshow on renewable energy and energy efficiency with 100,000 visitors and over 100 pellet-related exhibitors

**Meet. Learn. See. Enjoy!**

Timetable	Tuesday 3 March	Wednesday 4 March	Thursday 5 March	Friday 6 March
 Technical site visits: pellets and wood chips				
 European Pellet Conference				
 European Energy Efficiency Conference				
 Workshop "New opportunities for energy agencies"				
 Energy Efficiency Policy Conference				
 Industrial Energy Efficiency Conference				
 Workshop "Smart Financing"				
 Young Energy Efficiency Researchers Conference				
 Young Biomass Researchers Conference				
 Smart E-Mobility Conference				
 Technical site visits: energy efficiency				
 Tradeshow				
 Poster Presentation				

## What is the European Pellet Conference?

With more than 450 participants each year, it is the largest annual pellet event worldwide. This meeting place for the global pellet community offers a great opportunity to get informed about current trends in the pellet and bioenergy world. In just 2.5 days, the event offers delegates:

- a series of sessions delivering the latest news about markets, technologies and policies
- a full-day of technical site visits on fuels, equipment and exemplary installations
- a major tradeshow on renewable energy with over 100 pellet-related exhibitors

## Why pellets?

Energy efficiency and renewable energy are at the core of Europe's commitment to a clean energy transition. Biomass is a cornerstone for the success of the clean energy transition in Europe and globally. Pellets are a clean, CO<sub>2</sub>-neutral and convenient fuel with growing market shares worldwide.

## Who attends the event?

- All business actors across the biomass value chain: forestry, fuels, logistics, equipment, energy companies, commercial and industrial pellet users, service providers, banks etc.
- the bioenergy research community
- representatives of public bodies (e.g. EU institutions, national, regional and local governments)
- **Over 450 experts each year from more than 50 countries!**

## When does it take place?

4 - 5 March 2020

## Where does it happen?

Wels/Austria. The region of Upper Austria is an ideal location for this conference: more than 25 % of all automatic biomass boilers sold in the EU are manufactured by Upper Austrian companies and pellet heating systems have become a standard solution in the region.

## How to join?

Mark your calendar, register today ([www.wsed.at](http://www.wsed.at)), book your hotel, finalise your travel details and come join us at the European Pellet Conference in Wels!

## Value for your time!

In just 2.5 days, you can profit from a comprehensive package:

- up-to-date information on markets, policies, technologies, financing, business models, research and case studies
- hands-on experience through technical site visits
- a tradeshow with over 100 pellet-related exhibitors
- new business opportunities
- valuable networking possibilities
- Austrian hospitality!

## What's new in 2020?

- Strategy session
- Pellet Innovation Circle
- Pellets in Action: Best Practice Session
- Start-Up Session
- Networking corner



# European Pellet Conference 2020

4 – 5 March 2020

4 March | 09.00

## Strategy session: No energy transition without pellets!

In 2020, many strategic decisions for the energy transition will be taken. It is essential to position pellets as an important solution of climate policy. We show how this could be done.

- **Opening and welcome**  
Gerhard Dell, OÖ Energiesparverband, Austria
- **How can bioenergy profit from the Green Deal?**  
Giulio Volpi, European Commission, DG Energy
- **Update on European pellet markets**  
Gilles Gauthier, Bioenergy Europe / European Pellet Council
- **Goodbye oil, hello pellets!**  
Christiane Egger, OÖ Energiesparverband, Austria
- **Blockchain for pellets - transparency and sustainability**  
Thomas Meth, Enviva, USA
- **The new wood heat scenario**  
Christoph Schmidl, BEST, Austria



**4 March | 11.00**

## **Panel: Pellets – winners or losers of the climate crisis?**

There is a heated debate around the role of pellets in the energy transition. Leading international experts share their views and insights on burning topics regarding the future of pellets and the development of pellet markets.

- **Stefan Wittkopf**  
Weihenstephan-Triesdorf University of Applied Sciences, Germany
- **Martin Hackl**  
Fronius International, Austria
- **Mihkel Jugaste**  
AS Graanul Invest, Estonia
- **Eric Vial**  
Propellet France
- **Ross McKenzie**  
Drax Group, UK

### **Chairperson:**

Gordon Murray, Wood Pellet Association of Canada

### **Lunch break**

**4 March | 14.00**

## **Pellets in action: Best practice session**

In this session, we showcase innovative pellet technologies, projects and financing solutions from around the globe.

- **Commercial scale projects: solutions from Upper Austria**  
Anton Hofer, Hargassner, Austria  
Werner Emhofer, Fröling, Austria  
Gottfried Baumann-Leitner, Windhager, Austria
- **Three decades as a pellet manufacturer**  
Bruce Lisle, Energe Corporation, USA
- **Trading biomass like electricity**  
Andrius Smaliukas, Baltpool, Lithuania
- **Pellet heat contracting – financing and operating biomass installations**  
Siegfried Aigner, Aigner Energie Contracting, Austria
- **Biomass supply for L'Oréal, the world's largest cosmetic company**  
Francisco Puente, ESCAN, Spain
- **Pellet technologies for industrial decarbonisation**  
Alexander Van Heuverswyn, Petrobio, Sweden
- **Local resources for the local economy**  
Bruno Zagar, Fond du Lac Band of Lake Superior Chippewa, USA



**4 March | 16.30**

## **Pellet Innovation Circle**

Learn about new results from R&D projects and pellet technologies for tomorrow! Hear from start-ups what they have in store for the pellet market!

- **Novel concept for the pre-treatment of cereal straw**  
Javier Gil Barnó, CENER, Spain
- **Lignin pellets from poplar wood and corn stover**  
Sergio Andrés Jaimes Rueda, University of Sherbrooke, Canada
- **Low energy production of standardised pellets**  
Tobias Distler, Amandus Kahl, Germany
- **Micro pellet CHP with reversible ORC**  
Maximilian Weitzer, FAU Erlangen-Nürnberg, Germany
- **Novel plasma device for reducing emissions**  
Adam Harvey, School of Engineering, Newcastle University, UK
- **Development of biomass briquettes and stoves in China**  
Guangqing Liu, Beijing University of Chemical Technology, China

## **Start-Up Session**

- **The BTC technology**  
Henrik Båge, Phoenix BioPower, Sweden
- **Barbecue pellets made from Jim Beam Bourbon barrels**  
Kenny Lisle, Energex Corporation, USA
- **Mobile pellet logistics**  
Patrick Grob, Waldenergie AG, Switzerland

**19.00 Evening programme**



**5 March | 09.30**

## **Market Update Session: What's new in Europe and globally?**

- **Opening**  
Gordon Murray, on behalf of the European Pellet Council
- **Sweden: pellets for industry**  
Fredrik Zetterlund, Svebio (Swedish Bioenergy Association)
- **Spain: biomass quality control**  
Pablo Rodero Masdemont, AVEBIOM
- **Switzerland: social media activities – new challenges**  
Martina Caminada, proPellets.ch
- **Finland: medium and large scale pellet heating plants**  
Hannes Tuohiniitty, The Bioenergy Association of Finland
- **Austria: revival of the pellet market**  
Christian Rakos, proPellets Austria
- **Germany: market support for the "terminating oil" strategy**  
Martin Bentele, DEPV
- **UK: how biomass helps the UK meet its GHG targets**  
Adam Brown, Energy Insights
- **Ukraine: status and prospects**  
Sofia Levinska, Bioenergy Association of Ukraine
- **Brazil: insights into the pellet market**  
Afonso Bertucci, Braspell Bioenergia
- **South Africa: biomass market in the Western Cape region**  
Yaseen Salie, GreenCape
- **Vietnam: market outlook**  
William Strauss, FutureMetrics
- **China: clean heating for rural China**  
Ming Shan, Tsinghua University

**13.00 End of the session**



# Technical site visits

3 March 2020 | 8.30



## Technical site visits: pellets & wood chips

3 March 2020 | 8.30

- A full day of technical site visits on fuels, equipment and exemplary installations in Upper Austria
- An opportunity to gain first-hand information and to discuss specific questions on-site with the technology providers and project operators
- Learn more about the entire value chain of the pellet and wood chip sector!
- Bus tour from 8.30 - 19.00 hrs



# Young Biomass Researchers Conference

5 March 2020

5 March | 14.00

- **Opening and welcome**  
Gerhard Dell / Christiane Egger,  
OÖ Energiesparverband
- **Effect of process parameters and biomass composition on pellet production**  
Simon Lavergne, Université Grenoble Alpes, France
- **Optimising the design of biorefinery utility networks: a real-life example**  
Aikaterini Mountraki, Aarhus University, Denmark
- **Influence on fine particle formation of coal fly ash as additive for wood combustion**  
Richard Nowak Delgado, Technical University of Munich, Germany
- **Can microbial bioelectrosynthesis make excess renewable energy profitable?**  
Laura-Rovira Alsina, University of Girona, Spain
- **Single cell oil: new generation biodiesel and bioproducts from biomass**  
Nicola Di Fidio, University of Pisa, Italy
- **Biomass gasification technology for irrigation pumping in the UAE**  
Dana Darwish, University of Freiburg, Germany
- **Improving syngas quality through controlling downdraft gasifier**  
Prashant Kamble / Nayana Kamble, University of Glasgow, United Kingdom
- **Biogas digestates as substitute for chemical fertilizers: a comparative study**  
Benginur Bastabak, Ege University, Turkey
- **A catalyst for in-situ syngas tar-cleaning: experimental and modelling study**  
Andrea Di Giuliano, University of L'Aquila, Italy
- **Exploitation and upgrade of residual liquid biomass to useful liquid products**  
Vasiliki Ntagkonikou, Centre for Research & Technology Hellas, Greece





- **Co-torrefaction of sewage sludge and (pine) sawdust for biochar production**  
Elif Gödekmerdan, Ege University, Turkey
- **Polygeneration system with biomass torrefaction using superheated steam**  
Szymon Szufa, Lodz University of Technology, Poland
- **Energy utilisation of biomass from agrarian pruning and plantation removal**  
Olha Haidai / Viacheslav Antonenko,  
Scientific-Engineering Centre "Biomass", Ukraine
- **Microalgae cultivation in wastewater for energy purposes**  
Laura Vargas, National Autonomous University of Mexico
- **Designing a household anaerobic digester for rural areas in Sudan**  
Omer Salim, King Fahad University of Petroleum & Minerals, Sudan
- **Evaluating the performance of biomass cookstoves in rural Guatemala**  
Diego Alejandro Quan Reyes / Avishek Goel, Delft University of Technology / Universidad Galileo Guatemala, The Netherlands / Guatemala
- **Wood charcoal energy resilience in Africa**  
Dastan Bamwesigye, Mendel University Brno, Czech Republic
- **Large-scale biomass energy installations with carbon capture and storage (BECCS)**  
Muir Freer, University of Manchester, United Kingdom
- **Added value of different options for agro residue utilisation in Ukraine**  
Alex Epik / Vitalii Zubenko, Scientific-Engineering Centre "Biomass", Ukraine

**Chairperson:**

Ernst Höftberger, BEST, Austria

**19.00 Evening programme**



# Tradeshow

4 - 8 March 2020



## A leading European sustainable energy tradeshow

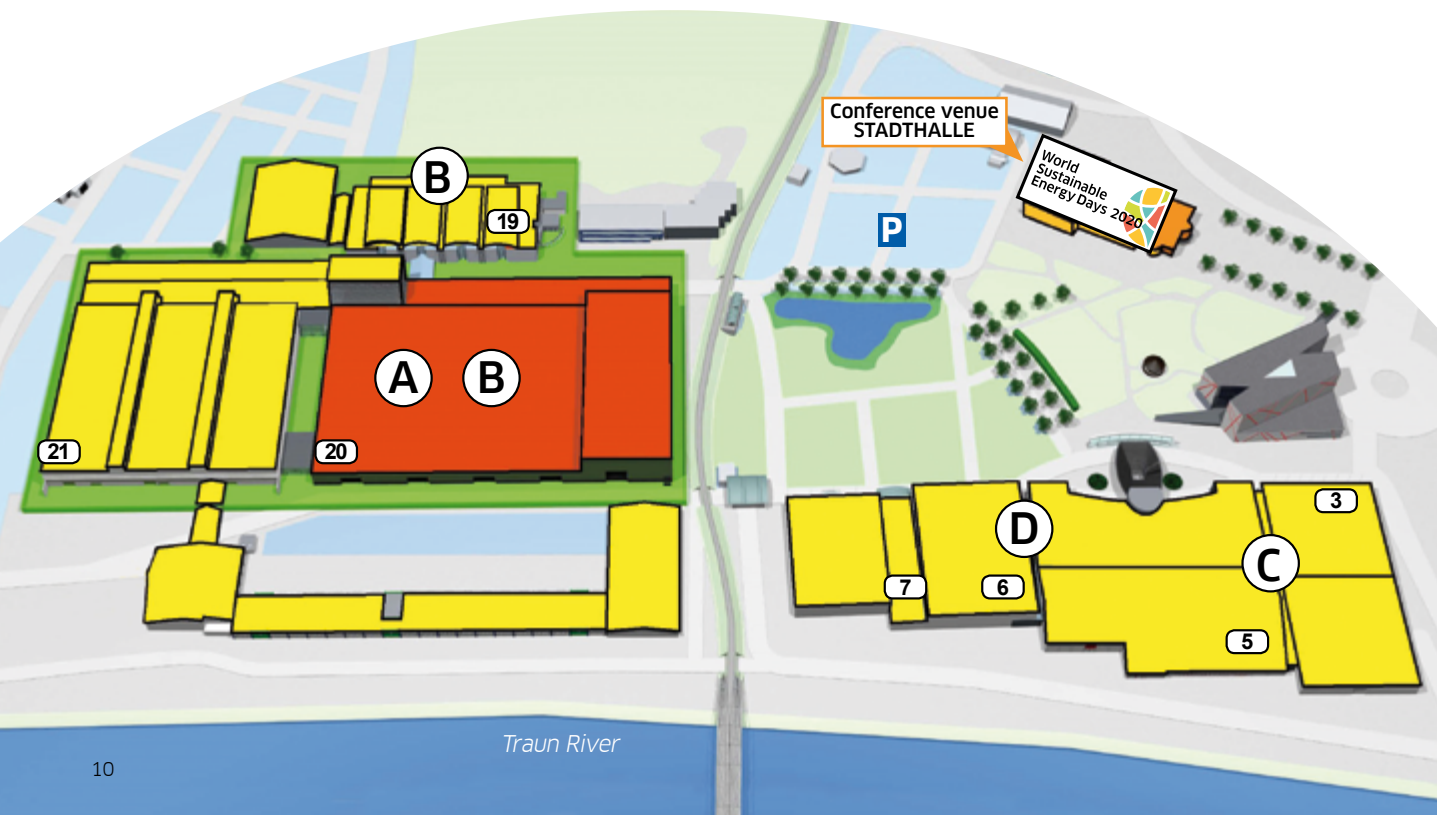
- 1,600 exhibiting companies at the "Energiesparmesse"
- 100,000 visitors, including over 30,000 professional visitors
- strong focus on innovative solutions for sustainable heating and efficient building construction and renovation
- Austrian companies present their latest product innovations

## Practical information

- Wednesday, 4 March to Sunday, 8 March, opening hours: 9.00 - 17.00 hrs
- Conference participants can enter the fairgrounds for free with their name tag during the conference days.

## Tradeshow highlights

- Ⓐ Stand of the OÖ Energiesparverband with comprehensive information for homeowners, businesses and municipalities, the special exhibitions on "sustainable heating", "building materials" and "E-Cars & smart home"
- Ⓑ Biomass boilers and stoves, PV, solar thermal, heat pumps, ventilation systems: Halls 19-20
- Ⓒ Insulation materials: Halls 3-5
- Ⓓ Windows: Halls 5-7



## Upper Austria - a leader in the clean energy transition

The region of Upper Austria, one of Austria's nine regions, is a leader in the clean energy transition: 31 % of the primary energy come from renewables, half of this is clean and sustainable biomass. 35 % of all dwellings are heated with biomass. The region's strategic approach to the energy transition supported the growth of a vibrant industry which successfully exports worldwide.

## The conference organiser OÖ Energiesparverband

The OÖ Energiesparverband (ESV) is the energy agency of Upper Austria. The agency, which was established by the regional government, drives the energy transition by promoting energy efficiency, renewable energy and innovative energy technologies. It provides comprehensive services to private households, businesses of all sizes and municipalities. It also supports energy technology companies in the context of the Cleantech-Cluster.

## The audience - the whole pellet sector!

Each year, the European Pellet Conference attracts over 450 experts from over 50 countries including:

- all business actors across the biomass value chain: forestry, fuels, logistics, equipment, energy companies, commercial and industrial pellet users, service providers, banks etc.
- the bioenergy research community
- representatives of public bodies, e.g. EU institutions, national, regional and local governments

## Practical information

### Conference fees

All fees include entrance to the tradeshow, lunches / dinners and conference documentation.

- 320 Euro for the European Pellet Conference and the site visits (3 - 5 March)
  - 220 Euro for the European Pellet Conference (4 - 5 March)
  - 360 Euro for all WSED conferences (4 - 6 March)
  - 440 Euro for all WSED conferences and site visits (3 - 6 March)
  - for student fees see [www.wsed.at](http://www.wsed.at)
- All fees plus 10 % VAT

### Conference venue

Stadthalle Wels, Pollheimerstrasse 1, 4600 Wels, Austria

### Conference languages

Simultaneous translation in English and German



# European Pellet Conference 2020

4 - 5 March 2020  
Wels, Austria

450 participants  
50 countries  
40 speakers

## Conference office

OÖ Energiesparverband  
Landstrasse 45, 4020 Linz, Austria  
Tel. +43/732/7720-14386  
office@esv.or.at, www.esv-en.at,  
www.wsed.at

## Registration

Online at [www.wsed.at](http://www.wsed.at)

## How to reach Wels?

- by railway: direct connections from Vienna and Vienna airport, Linz, Salzburg, Munich, Paris, Brussels, etc.
- by road: A1 and A25 motorways
- by air: airports in Linz (17 km from Wels), Vienna (222 km), Salzburg (110 km), Munich (247 km)

