

Conference Programme & Tradeshow
Konferenzprogramm & Messe

European Pellet Conference

Europäische Pelletskonferenz 2016

24 - 25 February 2016

24. - 25. Februar 2016

WELS, AUSTRIA

*The largest annual
pellet event worldwide!*

**Die weltweit größte jährliche
Pelletsveranstaltung!**



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European Pellet Conference 2016 Europäische Pelletskonferenz 2016



With more than 600 participants every year, the European Pellet Conference held in Wels has become the largest annual pellet event in the world.

Programme

Plenary sessions

Presentations on policies, technologies, markets, innovation and finance

Pellet Technology Outlook

Pellet innovation from research projects

Pellet Market News Worldwide

Updates and outlook on European and global markets

Pellet Cooperation Platform *A platform for starting new cooperations across the pellet value chain*

Technical Site Visits: Pellets & Wood Chips

A one-day trip with visits about fuels, equipment, exemplary installations

Poster Presentation

Display of successful pellet initiatives and projects

Young Researchers Conference: Biomass

Presenting the work of young researchers, award "Best Young Researcher: Biomass"

Energiesparmesse - the "pellet tradeshow"

Leading tradeshow on renewable energy and energy efficiency with 100,000 visitors each year and more than 100 pellet-related exhibitors



Mit jeweils mehr als 600 Teilnehmer/innen ist die Europäische Pelletskonferenz in Wels die weltweit größte jährliche Pelletsveranstaltung.

Programm



Plenum-Sessions

Präsentationen zu Strategien, Technologien, Märkten, Innovationen und Finanzierung



Pellet Technology Outlook

Pelletsinnovationen aus der Forschung



Pellet Market News Worldwide

Updates zu europäischen und weltweiten Märkten



Pellet Cooperation Platform *Plattform für neue Kooperationen in der Pelletsbranche*



Fachexkursion Pellets & Hackschnitzel

Tagesexkursion (Brennstoffe, Kessel, Vorzeigeprojekte)



Poster-Präsentation

Möglichkeit zur Präsentation erfolgreicher Pelletsprojekte und -initiativen



Young Researchers Conference: Biomass

Konferenz zur Vorstellung der Arbeiten junger Forscher/innen, Award "Best Young Researcher: Biomass"



Energiesparmesse - die "Pellets-Messe"

Führende Messe mit 100.000 Besucher/innen und mehr als 100 Ausstellern im Bereich Pellets jährlich

Timetable / Zeitplan

World Sustainable Energy Days 2016

	Tuesday, 23 Feb. Dienstag, 23. Feb.	Wednesday, 24 Feb. Mittwoch, 24. Feb.	Thursday, 25 Feb. Donnerstag, 25. Feb.	Friday, 26 Feb. Freitag, 26. Feb.
Technical Site Visits: Pellets and Wood Chips Fachexkursion Pellets & Hackschnitzel				
European Pellet Conference Europäische Pelletskonferenz				
Young Researchers Conference: Biomass				
Cooperation Platform Kooperationsplattform				
Smart Facade Materials Conference Konferenz "Smart Facade Materials"				
Young Researchers Conference: Energy Efficiency				
European Nearly Zero Energy Buildings Conference Europäische Niedrigstenergie-Gebäude Konferenz				
Energy Efficiency Services Conference Konferenz "Energieeffizienz-Dienstleistungen"				
European Energy Efficiency Watch Conference Europäische "Energy Efficiency Watch" Konferenz				
Technical Site Visits: Nearly Zero Energy Buildings Fachexkursion Niedrigstenergie-Gebäude				
Tradeshow Energiesparmesse				

European Pellet Conference 2016 Europäische Pelletskonferenz 2016



24 February

09.00

Pellet policies and markets

Opening & welcome

- Michael Strugl, Regional Minister for Energy, Upper Austria
- Gerhard Dell, OÖ Energiesparverband, Austria

The role of bioenergy in the Energy Union

- Giulio Volpi, European Commission, DG Energy

EU bioenergy - market trends and policies

- Fanny-Pomme Langué, AEBIOM

Ecodesign requirements and labelling for biomass heating

- Alexander Weissinger, Bioenergy 2020+, Austria

The role of bioenergy in the bioeconomy

Global potentials and developments

- Hubert Röder, Wissenschaftszentrum Straubing, Germany

From innovation to market - biomass in Upper Austria

- Christiane Egger, OÖ Energiesparverband, Austria

An effective strategy for regional economic development

- Adam Sherman, Biomass Energy Resource Center, USA

Lunch break

Panel discussion: Pellets - facts vs. fiction

Chair: Tim Portz, BBI International

- Gordon Murray, Wood Pellet Association, Canada
- Hans Martin Behr, Deutsches Pelletinstitut, Germany
- Stefan Ortner, ÖkoFEN, Austria
- Francisco Puente, ESCAN, Spain



24. Februar

09.00

Pelletsstrategien und -märkte

Eröffnung & Begrüßung

- LR Dr. Michael Strugl, Energielandesrat Oberösterreich
- Dr. Gerhard Dell, OÖ Energiesparverband, Österreich

Die Rolle der Bioenergie in der Energie Union

- Giulio Volpi, MA, Europäische Kommission, GD Energie

Bioenergie - Märkte und Strategien

- Fanny-Pomme Langué, MSc, AEBIOM

Ökodesign-Anforderungen und das Energie-Label für Biomasseheizungen

- DI Dr. Alexander Weissinger, Bioenergy 2020+, Österreich

Die Rolle der Bioenergie in der Bioökonomie

Globale Potenziale und Entwicklungen

- Prof. Dr. Hubert Röder, Wissenschaftszentrum Straubing, Deutschland

Von der Innovation in die Märkte - Biomasse in Oberösterreich

- Mag. Christiane Egger, OÖ Energiesparverband, Österreich

Eine effektive Strategie für regionale wirtschaftliche Entwicklung

- Adam Sherman, BA, Biomass Energy Resource Center, USA

Mittagspause

Talkrunde: Pellets - Fakten statt Fiktionen

Moderator: Tim Portz, BFA, BBI International

- Gordon Murray, BSc, Wood Pellet Association, Kanada
- Dipl.-Forstw. Hans Martin Behr, Deutsches Pelletinstitut, Deutschland
- DI (FH) Stefan Ortner, ÖkoFEN, Österreich
- Dr. Francisco Puente, ESCAN, Spanien



European Pellet Conference 2016 Europäische Pelletskonferenz 2016



Successful business models

How to improve the profitability of a pellet business

- Henrik Arfwidsson, Agroenergi Neova Pellets, Sweden

Financing and operating pellet facilities in Europe and the US

- José Ignacio Pedrajas, Prodesa North America, USA

Risk management with wood pellet future contracts

- Ulrich von Fürstenberg, Euronext, France

World Pellet Technology Forum

Technology outlook: pellet heating of the future

- Ingwald Obernberger, Bios Bioenergiesysteme, Austria

Comparison of soft and hard wood pellet production

- Peter Lange, CPM Europe, NL

"New" pellet fibers require new technologies

- Gregor Rinke, Rinke Engineering, Germany

Reducing ash content in pellet production

- Ivan Lipovec, PAL, Italy

19.00 Evening programme

Erfolgreiche Geschäftsmodelle

Wie man die Rentabilität eines Pelletsunternehmens steigert ■ Henrik Arfwidsson, MSc, Agroenergi Neova Pellets, Schweden

Finanzierungs- und Betreibermodelle für Pelletsproduktionen in Europa und den USA

- DI José Ignacio Pedrajas, Prodesa North America, USA

Risikoabsicherung mit Pellets-"Future Contracts"

- Ulrich von Fürstenberg, BA, Euronext, Frankreich

World Pellet Technology Forum

Technologie-Ausblick: Pelletsfeuerung der Zukunft

- Univ.-Prof. Dr. Ingwald Obernberger, Bios Bioenergiesysteme, Österreich

Pelletsproduktion aus Hart- und Weichholz - ein Vergleich

- Peter Lange, CPM Europe, Niederlande

Neue Technologien für "neue" Pellets-Rohstoffe

- Dr. Gregor Rinke, Rinke Engineering, Deutschland

Reduzierung des Ascheanteils in der Pelletsproduktion

- Ivan Lipovec, PAL, Italien

19.00 Abendveranstaltung



European Pellet Conference 2016 Europäische Pelletskonferenz 2016



25 February

09.30

Pellet Technology Outlook - a research update (in English only)

Optimisation of cereal straw torrefaction and pelletisation

■ Javier Gil Barnó, CENER, Spain

BRISK: combustion characteristics of "HTC pellets" and "vineyard pruning pellets"

■ Stefan Retschitzegger, Bioenergy 2020+, Austria

BeReal: a test method for pellet stoves reflecting real life operation

■ Hans Hartmann, TFZ Bayern, Germany

EMPYRO: energy and materials from pyrolysis

■ Gerhard Muggen, BTG-BTL, NL

ENERCOM: polygenerating energy, fuels and fertiliser

■ Thorsten Kläs, Soil-Concept, Luxembourg

LogisTEC: innovation in biomass supply chains

■ Michiel C. Carbo, ECN, NL

SECTOR: final results and torrefaction outlook

■ Kay Schaubach, DBFZ, Germany

12.30 End of the session

09.30

Pellet Market News Worldwide (in English only)

Price differences and international trade with household pellets

■ Lukas Kranzl, Energy Economics Group, Vienna University of Technology, Austria

Canada: wood pellet industry update

■ Michele Rebiere, Viridis Energy

US: old challenges, new opportunities

■ Ben Bell-Walker, Biomass Thermal Energy Council

India: increasing opportunities in emerging markets

■ Suhas Patel, Saurashtra Agro Briquettes

Germany: responding to weak markets

■ Martin Bentele, DEPV

UK: boom and bust - the pellet boiler market

■ Neil Harrison, re:heat

Spain: campaign "Biomass in your home"

■ Pablo Rodero Masdemont, AVEBIOM

Romania: potentials for pellets and briquettes

■ Dorin Sfaca, Romanian Pellets and Briquettes Association

Namibia: biomass opportunities

■ Dr. Bruce Brewer, CCF Bush

Chairperson:

Gordon Murray, Wood Pellet Association of Canada

12.30 End of the session



Young Researchers Conference: Biomass



A conference to present the work of young researchers in the field of biomass (in English only)

25 February

14.00 Opening & welcome

- Gerhard Dell/Christiane Egger, OÖ Energiesparverband

Variation in the wood quality of small-diameter trees

- Mika Aalto, Lappeenranta University of Technology, Finland

Comparing moisture content sampling procedures in forest residues

- Anil Raj Kizha, University of Maine; Han-Sup Han, Humboldt State University, USA

Key elements for sustainable fruitful biomass production on marginal soils

- Moritz Nabel / Hendrik Poorter / Andreas Lücke / Nicolai Jablonowski, Forschungszentrum Jülich; Vicky Temperton, University of Lüneburg, Germany

Influence of gas-solid interactions in a circulating fluidised bed reactor

- Paula Blanco / Xi Yu, Aston University, UK

Lignin processing toward renewable platform chemicals and their further upgrade

- Ana Bjelic, National Institute of Chemistry, Slovenia

Production of clean and durable pellets from empty fruit bunches

- Ilman Nuran Zaini, Tokyo Institute of Technology, Japan

Co-production of hydrogen and nano-carbon from methane

- U.P.M. Ashik / W.M.A. Daud, University of Malaya, Malaysia

Viability of biogas production from nopal

- Laura Vargas, Instituto de Investigaciones Eléctricas, Mexico

Removing impurities with chemically activated carbon from biomass gasification

- Sari Tuomikoski, University of Oulu, Finland

Organic municipal solid waste: dark fermentation and adsorption recovery

- Ahasa Yousuf, Masdar Institute of Science and Technology, United Arab Emirates

Biofuel production through catalytic conversation of lignin ■ Aleš Ház, Slovak University of Technology in Bratislava, Slovakia

Complex analysis of solid biomass combustion for thermal energy production ■ Olha Haidai, National Academy of Science, Ukraine

Impact of the ignition mode and draught conditions on batch-wise wood combustion

- Gabriel Reichert, Bioenergy 2020+, Graz University of Technology, Austria

A polygeneration plant offering reserves for the electricity grid ■ Jens Schneider, Deutsches Biomasse-forschungszentrum, Germany

Kinetic analysis and modelling of three types of biomass under torrefaction conditions

- Marco Brighenti, University of Trento, Italy

Compositional and thermogravimetric characterisation of treated wood

- Maité Huron / Capucine Dupont, CEA Grenoble, France

Review of policies for renewable energy integration & best practices

- Zeineb Abdmouleh, University of Qatar

Integrated approach for electricity generation from renewable energy

- Javier Davila, Universidad Libre, Colombia

Whole systems analysis and optimisation of bioenergy value chains ■ Miao Guo, Imperial College London, UK

Fiscal costs and regional energy benefits of bioheat technology deployment policies

- Derek Wolf, University of Toronto, Canada

Chairperson: Walter Haslinger, Bioenergy 2020+, Austria





Poster Presentations

Lignocellulosic biomass for bio-ethanol production

- Tanmay Kotasthane, Jawaharlal Nehru Technological University, India

Biomass gasification: a bi-functional material for effective H_2 production without CO_2 emissions

- Yarima Torreiro Villarino, CIEMAT, Spain

Simultaneous and two-step biomass liquefaction and hydrodeoxygenation

- Miha Grilc, National Institute of Chemistry Ljubljana, Slovenia

Operating characteristics of a pellet boiler in low loads

- Rebecca Trojanowski, Brookhaven National Laboratory, USA

Optimisation of biomass-to-end-use chains through torrefaction ■ Fabian Schipfer / Lukas Kranzl, Vienna University of Technology, Energy Economics Group, Austria

Determining unburned carbon in ash from biomass

- Josef Farták / Ivo Jiříček, UCT Prague, Czech Republic

Corrosion and abrasion resistant protective coatings for biomass combustion

- Kamila Armatys, Federal Institute for Materials Research and Testing, Germany

Co-digestion of glycerin pitch with oleo chemical effluent

- Weiling Chow / Yijing Chan / Meifong Chong, University of Nottingham, Malaysia

Conversion of cellulose-derived components into added-value chemicals by hydrodeoxygenation

- Brigita Hočevár, National Institute of Chemistry, Slovenia

Current state and perspectives of bioenergy

- **development in Ukraine** ■ Alex Epik, National Academy of Sciences, Ukraine

Flow and physical properties of fractionated ground

- **loblolly pine** ■ Oluwatosin Oginni, West Virginia University; Oladiran Fasina / Sushil Adhikari, Auburn University; John Fulton, Ohio State University, USA

Comparison of catalyst regeneration systems for bio-oil zeolite upgrading

- Mobolaji Shemfe, Cranfield University, UK

Fractionation of wheat straw with deep eutectic solvents

- Andrea Škulcová / Aleš Ház / Alexandra Sládková / Michael Jablonský / Igor Šurina, University of Technology, Slovakia

Flexible energy production with a charcoal-based micro-CHP system

- Dennis Krüger / Andreas Ortwein, Deutsches Biomasseforschungszentrum, Germany

Perennial energy crops as a resource for bioenergy production

- Yasir Iqbal, University Hohenheim, Germany

Miscanthus to biofuels in Ukraine and worldwide

- Ievgeniia Morozova / Volodymyr Kwak, Institute of Bioenergy Crops and Sugar Beet, Ukraine

Thermal efficiency of firewood room heaters

- Rita Sturmlechner, Bioenergy 2020+, Austria

Numerical simulation of self-heating behaviour of stored biomass fuels

- Tengku Noor Arbaee, University of Sheffield, UK



European Pellet Conference

Europäische Pelletskonferenz 2016

Date 24 – 25 February 2016

Venue Stadthalle Wels, Austria
Pollheimer Strasse 1, 4600 Wels

Conference languages
English, German

Conference fees

- 200 € for the Pellet Conference (24 – 25 February)
- 290 € for the Pellet Conference and Site Visits (23 – 25 February)
- 320 € for all WSED conferences (24 – 26 February)
- 400 € for all WSED conferences and Site Visits (23 – 26 February)
- for student fees see www.wsed.at
All fees plus 10 % VAT

Organisation & conference office

OÖ Energiesparverband,
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office@esv.or.at, www.esv.or.at
ZVR171568947, ATU 39283707

Registration

Please register online at
www.wsed.at

How to reach Wels?

- by railway: direct connections from Vienna, 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)

Datum 24. – 25. Februar 2016

Ort Stadthalle Wels, Österreich
Pollheimer Straße 1, 4600 Wels

Sprachen
Deutsch, Englisch

Konferenzbeiträge

- 200 € für die Pelletskonferenz (24. – 25. Februar)
- 290 € für Pelletskonferenz und Fachexkursion (23. – 25. Februar)
- 320 € für alle WSED-Konferenzen (24. – 26. Februar)
- 400 € für alle WSED-Konferenzen & die Fachexkursion (23. – 26. Februar)
- Tagungsbeiträge für Studierende siehe www.wsed.at/dt
Alle Beträge zzgl. 10 % MWST

Organisation & Tagungsbüro

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Anmeldung

Bitte verwenden Sie die Online-Anmeldung auf www.wsed.at/dt

Wie kommen Sie nach Wels?

- Bahn: direkt von Wien, Linz, Salzburg, München, Berlin, Brüssel etc.
- PKW: Autobahnen A1 & A25
- Flugzeug: Flughäfen Linz (17 km von Wels), Wien (222 km), Salzburg (110 km), München (247 km)



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