ACI

EUROPEAN BIOMASS TO POWER

7th & 8th November 2018 **Stockholm, Sweden**

Andy Hill
Chairman
WOOD RECYCLING ASSOCIATION

Daniella Johansson
Project Manager
ENERGIKONTOR SYDOST

Michael Corten
CEO
BELGIAN ECO ENERGY (BEE)

Gustav Melin
CEO
SVEBIO

Remigijus Lapinskas
President
WBA

Peter Wanek-Pusset
Managing Director
INNOFREIGHT

Pharoah Le Feuvre
Renewable Energy Division
IEA

Augustina Ephraim
Process Engineer, Biomass
CNIM

Michael Wild
President
IBTC

Anssi Paalanen
VP, HorsePower
FORTUM POWER & HEAT

Andrew Lang
Senior Consultant
WBA

Mazen Al-Haddad
R&D / Performance Manager
LEROUX & LOTZ

Ari Kokko
Director, Technology and R&D
VALMET TECHNOLOGIES

Svend-Erik Meelby
Department Manager, Boilers
BWSC

Corniel Zwaan
Design Engineer & CFD Specialist
COAL MILLING PROJECTS

EXCLUSIVE DUAL VISIT OF STOCKHOLM EXERGI'S & VATTENFALL'S UPPSALA CHP PLANTS

On Tuesday 6th of November, a day prior to the conference, a limited number of conference delegates will receive a unique opportunity to join dual site visit of **Stockholm Exergi's** and **Vattenfall's Uppsala** CHP plants.

There is **no extra charge** to attend the site visits, but spaces are strictly limited and allocated to conference delegates on a **first-come, first-served basis**, so we would strongly suggest to book your place early to avoid disappointment.

Please confirm your attendance when booking for the conference.

OUR SPONSORS:

CNIM, Valmet FORWARD, RAMBOLL, ANDRITZ, L&L LEROUX & LOTZ Groupe Altawest, VTG RAILCAR, BWSC, SGS, BUREAU VERITAS, TUBACEX GROUP, lointek, innofreight, COWI, CMP, VTT

European Biomass to Power

Stockholm, Sweden

7th & 8th **November** 2018

Following the success of last year's conference in Aarhus, Denmark which gathered over 180 senior level attendees, we are delighted to be hosting Biomass to Power 2018 on 7th & 8th November in Stockholm, Sweden.

Already on its 8th edition, this two day event will bring together key industry stakeholders to join our forum discussions and excellent networking, including senior representatives from Power Companies, Biomass Producers, Biomass Traders & Distribution Companies, Trade Associations, Renewable Energy Consultancies, EPC Contractors and OEMs, Regional & National Governments and Regulatory & Research Bodies.

Join us in Stockholm to exchange your point of view with your peers and engage in excellent networking opportunities.

Key Topics Include:

- Global Bioenergy Perspectives from the IEA's Renewable Energy Market Report 2018
- Reliable Energy from Sustainable Fuels
- Prospects for Small Scale CHP from Biomass & Learnings from a Demonstration Plant in Sweden (Life+ Small Scale CHP from Biomass)
- Optimization of KOGEBAN Biomass Cogeneration Plant
- Biomass Power Projects in Australia, New Zealand & the South Pacific: A New Market for European Manufacturers
- Principles of Biomass Carbonization & Rationales
- Extended Equipment Lifespan & Improved Operational Efficiency

Who Will You Meet at The Event?

Once again, the conference will bring together senior executives from the entire value chain, such as power producers, regulatory bodies, raw materials providers and researchers, as well as other influential stakeholders.

EXCLUSIVE SITE VISITS

Stockholm Exergi's & Vattenfall's Uppsala CHP plants

During Pre-Conference day, on the 6th of November 2018 a limited number of conference delegates will receive a unique opportunity to visit:

Stockholm Exergi's Plant &

Vattenfall's Uppsala Plant

There is no extra charge to attend the site visits, but spaces are strictly limited and allocated to conference delegates on a first-come, first-served basis, so we would strongly suggest to book your place early to avoid disappointment.

Opportunities to Meet Your Target Audience

For information on available sponsorship, exhibition and commercial opportunities, please contact **Kristina Gyulavari**

Tel: +1 929 331 6835 E: kvari@acieu.net

Delegate Registration & More Information

For more information please contact **Dimitri Pavlyk**

Tel: +48 616 46 7038 E: dpavlyk@acieu.net

ACI
Active Communications International

LEADERS IN CONFERENCE PLANNING & PRODUCTION

www.wplgroup.com/aci

European Biomass to Power

Stockholm, Sweden

7th & 8th November 2018

DAY 1

Wednesday 7th November 2018

08:00 REGISTRATION & COFFEE

09:00 CHAIRMAN'S OPENING REMARKS

Andy Hill
Chairman
UK Wood Recycling Association

SESSION ONE

European And Global Analysis Of Biomass Developments And Forecast

09:15 **Presentation title to be confirmed**

Gustav Melin
CEO
Svebio

09:45 **Global Bioenergy Perspectives From The IEA's Renewable Energy Market Report 2018**

- Key bioenergy findings the IEA's recently published renewable energy market report 2018 (Renewables 2018), including global (2017-23) forecasts for bioenergy capacity and generation
- Findings relating to bioenergy applications in industry, global co-firing developments and the energy from waste sector will also be provided

Pharoah Le Feuvre
Renewable Energy Division
International Energy Agency

10:15 **Panel Q&A**

10:30 **Brief Word from Coffee Break Sponsor**

Preben V. Messerschmidt
Project Director
Ramboll

10:35 **MORNING REFRESHMENTS SPONSORED BY RAMBOLL**

SESSION TWO

Different Types Of Biomass Fuel & Alternative Biomass Fuels

11:20 **Presentation title to be confirmed**

Anssi Paalanen
VP, HorsePower
Fortum Power & Heat Oy

11:50 **Presentation title to be confirmed**

Johan Mertens
Biomass Trader
Engie

12:20 **Reliable Energy From Sustainable Fuels**

- Valmet has numerous boiler references in Sweden with extremely high reliability numbers
- Wide approach to biofuels introducing several alternatives for renewable energy production

Ari Kokko
Director, Technology and R&D
Valmet Technologies Oy

12:50 **Panel Q&A**

13:10 **LUNCH**

14:30 CONFERENCE PRESENTATION

Wood Chips Market/Flow in Med Area

- Chips in Portugal, Spain , France, Italy, Turkey

Luca Corello
Foreign Market Developer
DUFERCO BIOMASSE

15:00 CONFERENCE PRESENTATION

WtE Steam Superheater & Reheater Thermal Efficiency Improvement with Ceramic Coatings

Jose Luis Fernandez Muro
Marketing & Sales Manager
TUBACEX S.A.

15:30 CONFERENCE PRESENTATION

Innovative Biomass Logistics from Innofreight (Examples in Sweden & Poland)

- Sweden - Description of the railway logistics (Värtan in Stockholm)
- Poland - Description of the logistic systems, including the rail change from broad to standard gauge for imports from Belarus

Jakob Ohrstrom
Managing Director
VTG Rail Europe GmbH

Peter Wanek-Pusset
Managing Director
Innofreight

16:00 **AFTERNOON REFRESHMENTS**

SESSION THREE
CHP Projects: Case Study Examples

16:45 Prospects For Small Scale CHP From Biomass And Learnings From A Demonstration Project In Sweden (Life+ Small Scale CHP From Biomass)

- Potential for Small Scale CHP in Sweden
- Learnings from demonstrations of 3 technologies - gasifier, ORC & wet steam turbine
- Experience from demonstration – technical, economic and environmental
- Obstacles and possibilities for the technologies
- Recommendations based on demo experience

Daniella Johansson
Project Manager
Energikontor Sydost AB - Energy Agency For Southeast Sweden

17:15 Optimization Of KOGEBAN Biomass Cogeneration Plant

- Overview of KOGEBAN biomass power plant
- Plant performance level before optimization
- Cost-effective measures taken to improve plant efficiency, availability and emission levels
- Future plans for further performance improvement

Augustina Ephraim
Process Engineer, Biomass Energy Development Expert
CNIM

17:45 Panel Q&A

18:00 Brief Word from Drinks Reception Sponsor

Senior Representative
BWSC

18:05 CLOSE OF DAY ONE FOLLOWED BY DRINKS RECEPTION SPONSORED BY COWI BWSC

DAY 2
Thursday 8th November 2018

08:30 REGISTRATION & COFFEE

09:00 CHAIRMAN'S OPENING REMARKS & PRESENTATION

Developments in the UK & European Recycled Wood Sector

- Developments in the UK Biomass market
- Developments in the European Biomass market
- Potential usage of Alternative Fuels and developments in the AF sector

Andy Hill
Chairman
UK Wood Recycling Association

SESSION FOUR
Country Case Studies of Biomass CHP Projects

09:30 Presentation title to be confirmed

Remigijus Lapinskas
President
World Bioenergy Association

10:00 Biomass Power Projects In Australia, New Zealand And The South Pacific: A New Market For European Manufacturers

- Range of scale of new and planned bioenergy plants
- Types of fuels or feedstocks
- Logistics of feedstock supply
- Configurations of plants with better economics
- New state or federal policy development that supports bioenergy investment

Andrew Lang
Senior Consultant
World Bioenergy Association

10:30 Panel Q&A

10:45 MORNING REFRESHMENTS

SESSION FIVE
The Latest Biomass Conversion Developments Stimulating And Transforming The Biomass Industry

11:30 **Biomass Conversions**

- High focus on availability of the facility though e.g. fuel flexibility
- Focus on efficiency with advanced heat recovery system
- Easier fuel handling
- Power plant re-designed to utilize domestic and locally grown biomass fuels

Svend-Erik Meelby
Department Manager, Boiler Service
BWSC

12:00 **Innovative And Cost Effective Coal To Biomass Pulveriser/Milling Plant Conversions**

- Latest innovation in coal to biomass technology
- In depth fuel analysis
- Calibration for state of the art computational fluid dynamic modelling
- Technology leaders for cost effective and efficient design
- Integratable on any hardware, operational conditions and wide range of fuel types

Corniel Zwaan
Design Engineer and CFD Specialist
Coal Milling Projects

Trevor Taylor
Operations Director
Coal Milling Projects

12:30 **Case Study: Synnov - Converting Biomass to Syngas for Engines**

- Producing clean syngas from biomass & SRF for electricity production
- Integrated Gasification Combined Cycle using Innovative CFB technology with thermal tar cracking
- Power produced in 5 x 1.1 Mwe gas engines & 1.5 Mwe steam turbine

Mazen AL-HADDAD
R&D / Performance Manager
Leroux & Lotz Technologies

13:00 **Panel Q&A**

13:20 **LUNCH**

14:35 **CONFERENCE PRESENTATION**
Principles Of Biomass Carbonization And Rationales

- Performance comparison with White Wood Pellets along the value chain
  - Mass/energy balances,
  - Electricity consumption,
  - Energy consumption and CO2 balance along long distance supply chains
  - Status of Torrefaction Technology / Standards / Permissions
- Market Overview Technologies and Projects

Michael Wild
President
International Biomass Torrefaction Council

SESSION SIX
Improving Plants' Operational Efficiency

15:20 **Presentation title to be confirmed**

Michael Corten
CEO
Belgian Eco Energy BEE

15:50 **Extended Equipment Lifespan And Improved Operational Efficiency**

- High temperature corrosion research
- Lifetime estimation of power plant components
- Case examples

Timo Hakala
Research Scientist
VTT Technical Research Centre Of Finland

16:20 **Panel Q&A**

16:35 **CHAIRMAN'S CLOSING REMARKS**

Andy Hill
Chairman
UK Wood Recycling Association

16:45 **END OF CONFERENCE & AFTERNOON REFRESHMENTS**

European Biomass to Power

Stockholm, Sweden

7th & 8th November 2018

More Information & Registration

If you would like to register for this event or wish to find out more, please contact **Dimitri Pavlyk** using any of the following methods:

+44 (0)203 141 0627

dpavlyk@acieu.net

http://www.acius.net

Postal Address:
ACI Europe, 10 Gough Square, London, EC4A 3DE, UK

Registration is Simple

Conference Pass (Includes Documentation Packet) 7th & 8th November 2018	£1,595.00 (ex.Vat)
Documentation Packet Only	£470.00

Please Note.
Members of our partners / supporting organisations are entitled to a discount off their conference package.

For more information please call Dimitri Pavlyk on +44 (0)203 141 0627

Documentation Packet Available

You can purchase European Biomass to Power papers at just £440 (+£30 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting.

This important manual will be a source of invaluable reference for the future.

Terms & Conditions

Payment
Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

Discounts are available for multiple/group bookings. Please call **+44 203 141 0627** for more information.

Cancellations
Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

Accommodation
The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.

About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago with offices all around the States, ACI opened its European head office at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, oil & gas, cosmetics, chemicals & media.

With Thanks to Our Partners

Conference Venue:

Scandic Ariadne

Södra Kajen 37

Stockholm, 115 41