

Gasification 2019

13-14 March

Brussels, Belgium

Key Topics

- Drivers for the Gasification Industry - EU Regulations, Directives & Energy Demand: Future Forecast for Gasification Technology
- Latest Gasification Breakthrough Technologies
- Status of Demonstration Projects – Latest Project Updates
- Key Products Derived from Gasification Process
- Gasification-Based Cogeneration

- Gasification Based Bio-chemicals & Bio-products
- Research & Development in the Labs & Research Institutes
- Gasification for Heat & Power
- Waste Gasification: Status Updates & Recent Developments
- Coal Gasification: 'Cleaning the Coal' Industry

For Commercial & Sponsorship Enquiries Please Contact:

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Gasification offers advantages over competing technologies in the processing of a variety of feedstocks into a diverse range of desirable products with more value and potential applications than the raw material itself. This product flexibility as well as the versatility and efficiency of gasification, make it an attractive technology now and for the future.

Many countries and enterprises are focusing extensive programs on performing the research, development, and demonstration necessary to maximize the potential for gasification in the future. ACI's 8th Gasification conference will showcase the latest developments in the sector and provide key insights from senior executives in the industry to discuss the latest commercial and technical developments, challenges and research breakthroughs throughout the entire gasification market.

Who Should Attend:

Leading power generation companies, oil refining and petrochemical industry including: managers, directors & engineers of gasification, biomass or clean coal technology, power generation, processing technologies, R&D and new technologies, renewable strategy, sustainable technologies, environment and CO2 managers, CTOs, COOs as well as business development executives from technical service providers, consultants and regulators.

Speaking Opportunities:

If you would like to be considered as a speaker for the event with a 30-45 minute presentation, please submit an abstract to

Daniel Lavery:

Tel: +44 (0)203 141 0612 or Email: DLavery@acieu.net

Registration is Simple:

If you would like to register for this event or wish to find out more information, you can contact

Mohammad Ahsan:

Tel: +44 (0)203 141 0606 or Email: Mahsan@acieu.net

Sponsorship Opportunities:

A wide variety of commercial and sponsorship opportunities available - for more information please contact:

Tim Rowley-Evans:

Tel: +44 (0)203 141 0614 or
Email: Trowleyevans@acieu.net

Site Visit Details: The BioTfuel project



The BioTfuel project launched by Total and five partners is designed to transform lignocellulosic biomass (straw, forest waste, dedicated energy crops) into biofuel via thermochemical conversion. The partners' goal is to develop an end-to-end set of processes for producing second-generation biodiesel and biojet fuel.

The BioTfuel project is focused on developing an innovative process for converting biomass into high-quality biodiesel and biojet fuel. Gasification makes it possible to produce biofuels from lignocellulosic material, such as agricultural by-products, forest waste and energy crops. The process can also convert fossil feedstock mixed with biomass to account for seasonal variations in resource availability. The resulting biofuels, which will not contain any sulfur or aromatics, will be usable pure or blended in all types of diesel and turbojet engines. The set of processes developed by BioTfuel will be transposable on an industrial scale at the end of the project.

There is no extra charge to join the site visit, although places are limited and allocated on a first come first served basis.

Please confirm your attendance when booking for the conference to avoid disappointment.

Schedule of Site Visit:

11:00 – Registration for site visit at conference hotel

12:00 – Depart conference hotel

14:15 – Welcome address & presentation at the BioTfuel facility

15:00 - Guided tour of the BioTfuel facility

16:00 – Closing remarks & refreshments

16:30 – Depart BioTfuel facility

18:30 – Arrive back at conference hotel

DAY 1

Wednesday 13th March 2019

08:00	REGISTRATION & COFFEE
09:00	CHAIRMAN'S OPENING REMARKS
09:15	CONFERENCE PRESENTATION Drivers for the Gasification Industry - EU Regulations, Directives & Energy Demand: Future Forecast for Gasification Technology <ul style="list-style-type: none"> • Status of transportation fuel production in EU through gasification • Providing flexibility to capitalize on domestic energy markets & global economic conditions • Framework conditions & economic viability study analysis • Moving away from dependence from subsidies and incentives towards commercial production • Drivers, restraints & opportunities in the market
10:00	SESSION ONE Latest Gasification Breakthrough Technologies <ul style="list-style-type: none"> • Understanding which technology will be benefit the gasification industry more • The contribution of syngas in the production of transportation renewable gas yield • Alternative use of hydrocarbons for base chemicals • The potential of gasifying shale oil products in the future
11:15	MORNING REFRESHMENTS
11:45	SESSION TWO Status of Demonstration Projects – Latest Project Updates <ul style="list-style-type: none"> • Analysis of current projects pushing the industry forward • Working towards cost reduction & technology improvements • What is needed to increase scale & production? • Moving from demo-scale towards commercialisation: Next steps <div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-top: 10px;">  <p>Alessandra Barba GAYA R&D Project manager Engie</p> </div>

	BioTfuel Project: Developing Second Generation Biofuels <div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-top: 10px;"> <p>Michael Hecquet R&D Program coordinator TOTAL RC on behalf of Bionext</p> </div>
13:35	LUNCH
14:35	ROUND TABLE DISCUSSION Key Products Derived from Gasification Process <p>Discussion will focus on where gasification is going, towards E-production, Chemicals production or a mix, what is desired, what is economically viable, market opportunities and business models in place - Each table will focus on one of the following points:</p> <ul style="list-style-type: none"> • Small scale gasification systems, lessons learnt from long term operation • Bio-Chemicals via gasification • Successful routes to funding • Gasification as a suitable & flexible technology for the aviation sector
16:00	AFTERNOON REFRESHMENTS
16:30	CONFERENCE PRESENTATION Gasification-Based Cogeneration <ul style="list-style-type: none"> • Capitalising on market conditions to vary downstream processing • Optimizing fuel usage at a gasification facility
16:45	SESSION THREE Gasification Based Bio-Chemicals & Bio-Products <ul style="list-style-type: none"> • Polygeneration plants, utilising gasification technology to maximise valorisation • Developments with syngas fermentation • System optimisation to further improve reliability and control
18:00	CLOSE OF DAY ONE

Call for Papers

If you are interested in giving a presentation, please contact:

Daniel Laverty
Tel: +44 (0) 203 141 0612
Email: dlaverty@acieu.net

DAY 2

Thursday 14th March 2019

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**

09:05 **SESSION FOUR**

Gasification: Research & Development in the Labs & Research Institutes

- Working towards new & novel for gasification systems
- Working with the industry to develop new techniques and applications

Economic Evaluation of Creating Hydrogen from Biomass with the use of Gasification



Reinhard Rauch
Professor for Chemical Conversion
of Renewable Energy
**Karlsruhe Institute Of Technology
- KIT**

Developments within Catalytic Gasification



Joakim Lundgren
Director
**Swedish Centre For Biomass
Gasification**

Martin Seemann
Project Manager
Chalmers

10:35 **MORNING REFRESHMENTS**

11:05 **CONFERENCE SESSION SIX**

Gasification for Heat & Power

- Creating a stable gasification process that minimises the production of tars
- Overview of current state-of-the-art of small-scale biomass gasification technologies
- Developments with gasification gas cleaning technologies
- Maximising RHI incomes

12:50 **LUNCH**

13:50 **SESSION SIX**

Waste Gasification: Status Updates & Recent Developments

- Case studies: Small to Medium scale WTE plants
- Understanding waste supply characteristics & the impact they have on project development
- Successes & lessons learned in waste gasification, experience from plant operators perspective

15:10 **CONFERENCE PRESENTATION**

Coal Gasification: 'Cleaning the Coal' Industry

- Working with lower-value feedstocks to make higher value products
- Commercialisation of UCG Activities
- Latest technological developments
- Public engagement & social responsibility

15:55 **CHAIRMAN'S CLOSING REMARKS**

16:05 **END OF CONFERENCE & AFTERNOON REFRESHMENTS**

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Daniel Lavery

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Email: dlavery@acie.u.net

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Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Mohammad Ahsan** using any of the following methods:

 +44 (0)203 141 0606

 mahsan@acieu.net

 <http://www.acius.net>

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

Registration Is Simple

Conference (Includes Access to Documentation Pack) 13th & 14th March 2019	£1,695.00
Documentation Pack Only	£470.00

Please Note.

Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call +44 (0) 203 141 0606

Documentation Packet Available

We are selling the Gasification 2019 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.

About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago, ACI opened its European head office in London at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, chemicals, cosmetics & pharma and opening offices in Poznan (Poland) & Pune (India).

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 (0)203 141 0606 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.