Global Geothermal Energy Summit 2017

29th - 30th November, Amsterdam, Netherlands

Maximising The Global Expansion Of Geothermal Utilisation

Key Topics
- Raising the Bar – Analysis of the Current Geothermal Energy Situation
- Financing New Developments – Overcoming the First Hurdle
- Geothermal District Heating & Cooling
- Exploring the potential of Engineered Geothermal Systems (EGS)
- Geothermal Power Production: Case Studies
- Recent Developments with Binary Power Plants: Case Studies
- Partnerships with the Oil, Gas & Utility Industries
- Legal & Regulatory Framework for Geothermal Development
- Kicking the Coal Habit: Eliminating Dependency on Fossil Fuels
- Geothermal Drilling: New Technology Analysis
- CO2 plume geothermal power (CPG)
- Project Updates: Geothermal Power Producers
- Realising the full potential of geothermal energy for the Greenhouse industry
- Focus on the Host Nation
- Research & Development - Future Insights

Exclusive site visit
With plans to drill to new depths of 4km, and a project financing structured with limited-recourse principles, Trias Westland could be a trailblazer for the nascent Dutch geothermal sector

Early confirmed speakers
Marco Van Soerland - Trias Westland / HVC Group
Ben Laenen - Vibo
Clément Baujard - ÉS Géothermie
Michael Feliks - Hotspur Geothermal
Jesper Baunsgaard - Ross Engineering
David Simons - Geoop

With thanks to our Sponsor: Crosby

Sponsorship Opportunities:
Alex Chrikishvili
alex@acieu.net
+48 616 46 7027

More Info & Registration:
Rohan Baryah
rbaryah@acieu.net
+48 616 46 7022
The Geothermal Energy Association (GEA) estimates that only 6.5 percent of total global potential has been tapped so far. With recent developments in the industry, unlocking the potential for new untapped sources of geothermal energy production, we are entering a new dawn for the geothermal energy industry.

ACI’s 5th Global Geothermal Energy Summit will take place in Amsterdam, Netherlands. With The Dutch government’s ambitious plans to have all residential buildings to be off gas in 2050, geothermal energy has an important part to play in this transition. The conference will give the latest updates on the global geothermal energy market and its new developments. Showcasing new techniques and technologies that are paving the way for the sector and expanding the geographical regions where exploration can take place.

With Geothermal energy production being one of the lowest forms of CO₂ producing energy sources, its development and worldwide deployment is vital in the reduction in worldwide targets for CO₂ reduction. The two day event will provide key insights into the opportunities, challenges, global trends and policies, through expert led case study presentations, interactive sessions and discussions giving practical examples of planning, financing and technological strategies shaping the future of geothermal energy production whilst networking with industry peers from across the geothermal power value chain.

Who will attend?

Senior representatives from national utility companies, technology developers and providers, geothermal project developers, energy regulators and industry analysts, legal energy investors, research organisations, consultants, power production plants and drilling and exploration companies.

Past Attendees


Host City of Amsterdam

Registration is Simple

If you would like to register for this event or wish to find out more information, please contact Rohan Baryah on:

+48 (0) 616 467 022
rbaryah@acieu.net
http://www.acieu.net
ACI Europe, 10 Gough Square, London, EC4A 3DE, UK

Speaking Opportunities

If you would like to be considered as a speaker for the event with a 20 - 30 minute presentation, please submit an abstract for consideration to:

Daniel Laverty
Tel: +44 (0) 20 3141 0612
Email: dlaverty@acieu.net
Global Geothermal Energy Summit 2017
Amsterdam, Netherlands

DAY 1
Wednesday 29th November 2017

08:00  REGISTRATION & COFFEE

09:00  CHAIRMAN’S OPENING REMARKS

09:15  KEYNOTE PRESENTATION
Dutch Geothermal: Only Benefits & Growth?
- Present situation of deep and ultra-deep
  geothermal energy in The Netherlands
- Importance for the energy transition
- Responsible project-development 2.0
- Local ownership & nationwide experience

09:45  CONFERENCE PRESENTATION
Financing New Developments – Overcoming the First Hurdle
- Mitigating the risk factor with public and private sector funding
- Getting local authorities on side
- Sourcing suitable locations
- Economic factors to be considered
- Generating funding for R&D projects – How to minimise the perceived risk factor?
- Creating the complete financial package

10:15  CONFERENCE SESSION ONE
Geothermal District Heating & Cooling
The Role of Geothermal Energy in the German Heat Energy Revolution with a Focus on District Heating
- Energy policy in Germany & the role of a sustainable heat energy revolution
- Assessment of the geothermal potential for district heating in Germany
- Case studies of deep geothermal heating projects
- Chances & restraints for deep geothermal project development in Germany

10:45  Geothermal District Heating: Engie’s Experience & new Development in Bordeaux Metropole
- Historic position in Geothermal District Heating in Paris area
- Ongoing project development in Bordeaux Metropole
- Focus on the specific drilling scheme involving an exploration of unknown geological layer

11:15  MORNING REFRESHMENTS & NETWORKING

11:45  CONFERENCE PRESENTATION
Exploring the Potential of Engineered Geothermal Systems (EGS) & its Implications on the Geothermal Industry
- EGS and its’ potential for varying applications
- Expanding the geographic range of geothermal power generation
- Analysis of current developments
- What potential does the future hold for EGS? EGS projects in the Upper Rhine Graben: Lessons Learned from Recent Geothermal Wells & On-Going Plants Operation
- Overview of the geothermal potential of the Upper Rhine Graben
- Results from two deep wells recently drilled in Rittershoffen (France)
- Feedback from on-going operation of Soultz-sous-Forêts power plant and Rittershoffen heat plant
- Environmental impact monitoring of deep geothermal projects
- Projects under development

13:00  NETWORKING LUNCH

A wide variety of commercial & sponsorship opportunities available. For more information please contact:
Alex Chrikistwili
Tel: +48 616 46 7027
or
Email: alex@acieu.net
CONFERENCE SESSION TWO
A New Business Model for Geothermal Energy
- The forthcoming expansion of geothermal energy will require extensive drilling and plant construction.
- It is a clear lesson from the oil and gas sector, and early geothermal projects, that outsourcing the drilling process leads to significant time and cost inefficiencies.
- GEOOP’s model is to deliver long term fixed price energy to a network. In the case of high temperature geothermal, this may be electricity. In the case of lower temperatures it would be hot water for space heating.
- GEOOP will become an ‘operating partner’ who will hold a significant investment in the project for its full life cycle.
- Recent lessons from the US shale industry indicates significant cost reductions can be achieved when an operation is large enough to benefit from economies of scale – but only if a committed operating partner is present to realise these savings.

Deep Geothermal Heat Development in Stoke-on-Trent
- Deep geothermal feasibility & exploration
- Geophysical surveys and data acquisition – challenges and rewards
- Project planning & developments

CONFERENCE PRESENTATION
Deep Geothermal Exploration to the Triassic Buntsandstein in the West Netherlands
- Drilling status
- Geology
- High temperature well testing

CONFERENCE SESSION THREE
Unlocking Geothermal Energy in Mature Oil & Gas Basins: A Success Story from the Netherlands
- Re-using deep subsurface oil & gas exploration & production data is key to geothermal development in sedimentary basins.
- The Netherlands has promoted effective use of data for geothermal development, including over 3000 deep wells and 3D seismic, covering major part of the country.
- Key is public access to the data, dedicated reservoir maps derived from the data and transparent performance assessment methods
- Portfolio based exploration is needed for unlocking high risk areas

Jan-Diederik van Wees
Professor/Researcher
Utrecht University/TNO

AFTERNOON REFRESHMENTS & NETWORKING
CONFERENCE PRESENTATION
The Green Deal UDG & the Green Deal Brabant - Unlocking Geothermal Potential Through an Integrated Exploration Work Program & the Application of the Portfolio
- Together with TNO and seven consortia in the Green Deal UDG, EBN will design & guide an integrated exploration work program to study the geothermal potential of Dinantian limestones may serve as a high temperature, sustainable heat source for industrial use.
- Within the Green Deal Brabant, EBN will contribute knowledge on the portfolio approach
- Approach originates in the oil and gas industry and optimises de-risking and cost reductions by studying multiple projects within the same ‘geological play’

Eveline Rosendaal
Programme Manager Geo-Energy
EBN

CONFERENCE SESSION FOUR
Kicking the Coal Habit: Eliminating Dependency on Fossil Fuels
- Educating the public of the potential & associated benefits of utilising geothermal energy
- Outlining the role geothermal energy has in the worldwide energy transition from fossil fuels
Global Geothermal Energy Summit 2017

Amsterdam, Netherlands

- Raising the profile for geothermal utilisation, what needs to be done & how to achieve it?
- World focus - Capitalising on the developments in the southern hemisphere
- Development of sustainable renewable resources for future generations

Impact of the Regional Understanding in the Exploration of Geothermal Energy - Case Studies
- GOUD - A commercial project and has plans to retrieve geothermal energy at more than 5km.
- GEOCAP - A capacity training and research project between the Netherlands & Indonesia
- IMAGE - A FP7 funded project has 1 PhD student in Utrecht, working on European scale thermal modelling for geothermal energy exploration purpose
- GEMax - A 3 year project funded on H2020 on geothermal energy in Mexico

17:40 CLOSE OF DAY ONE

DAY 2
Thursday 30th November 2017

08:30 REGISTRATION & COFFEE
09:00 CHAIRMAN’S OPENING REMARKS
09:15 CONFERENCE SESSION FIVE
Geothermal Drilling: New Technology
Analysis
- Overcoming issues with lost circulation
- Development & utilisation of high temperature drilling techniques
- Improving reliability in extreme subsurface conditions
- Dealing with extreme temperatures, pressures, & crystalline rock formations
Crosby - McKissick, High Performance Products
- Roll forged sheaves - proven performance in the drilling industry
- McKissick drilling and well servicing blocks
- Crosby low temperature fittings for wire rope and lifting accessories

12:30 CONFERENCE SESSION SEVEN
Trias Westlands Geothermal Project
Charlotte de Wijersloot
Business Developer - Local Warmth
HVC Group

13:30 NETWORKING LUNCH

14:30 CONFERENCE PRESENTATION
Financing Geothermal Projects: Role of the European Investment Bank (EIB)
- General challenges in financing geothermal projects
- Role of EIB: potential of European Fund for Strategic Investment (EFSI) to boost investment
- Focus on FGS: the InnovFin Energy Demo Project facility
Edward Croll-Natz
Deputy Economic Adviser
European Investment Bank

15:00 CONFERENCE SESSION EIGHT
Research & Development - Future Insights
Drafting the new geothermal roadmap for deep geothermal energy in Europe
- Government, industry and academic cooperation in geothermal development
- Outlook for 2020 & Beyond
Ben Laenen
Research Leader
Vito

15:30 NREL’s Role in Government-Industry-Academic Cooperation in Geothermal Research & Development
- Introduction to National Renewable Energy Laboratory (NREL)
- Overview of NREL’s geothermal techno-economic modeling capabilities (surface & subsurface)
- Examples of past & current NREL’s geothermal projects demonstrating how NREL’s modeling capabilities in partnership with private industry, federal & local agencies & international & non-profit organizations advance the use of geothermal energy as clean and renewable power source in the U.S. & abroad
Koenraad Beckers
Postdoctoral Researcher | Thermal Systems R&D Group
National Renewable Energy Laboratory (NREL)
Global Geothermal Energy Summit 2017
Amsterdam, Netherlands

16:00

Solar Hybrids, Heat Pumps & Geothermal Storage in Combination – Field Monitoring on a New System Solution
- Monitoring & evaluation of a new system solution in a multi-family dwelling in Sweden
- Results of the performance of the system (SPF)
- Results of LCC calculations comparing the new solution to the previous heating system in the building

Pernilla Gervind
Project Manager
Research Institutes Of Sweden - RISE

16:30

CHAIRMAN’S CLOSING REMARKS

16:45

END OF CONFERENCE & AFTERNOON REFRESHMENTS

Sample of Previous Attendees

Exclusive Site Visit - Tuesday, 28th November

On Tuesday 28th, November 2017, a limited group of Global Geothermal Energy Summit delegates will have a unique opportunity to visit the Trias Westlands project. There is no extra charge to join the site visit, although places are limited and allocated on a first served basis. Please confirm your attendance when booking for the conference.
Registration Is Simple

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

- +48 (0) 616 467 022
- baryah@acieu.net
- http://www.acieu.net
- Postal Address:
  10 Gough Square, London, EC4A 3DE, UK

Conference (Includes Access to All Documentation) 29th & 30th November 2017 £1,595.00

Documentation Packet Only £420.00

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

For more information please call +48 (0) 616 467 022

Documentation Packet Available

We are selling the 5th Global Geothermal Energy Summit papers at just £395 (+£25 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 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.

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 +48 (0) 616 467 022 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.

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