

HYDROPOWER DEVELOPMENT 2018

5TH - 6TH SEPTEMBER 2018
ZURICH, SWITZERLAND

In Search For Best Strategies For Hydropower Sustainability

AGENDA COMMITTEE 2018:

- Paul Hansson, Head Of Hydro Growth, Fortum Generation, **Fortum Hydro**
- Peter Matt, Head of Engineering Services, **Vorarlberger Illwerke AS**
- Hans – Wilhelm Shiffer, Executive Chair World Energy Resources, **World Energy Council**
- Simon Hamlyn, CEO, **British Hydropower Association**
- Ivan Zavadsky, Executive Secretary, **ICPDR**
- Hans-Christoph Funke, Director Hydro Power & New Technologies, **innogy SE**
- Martin Schoenberg, Advisor Hydro Power, **eurelectric**
- Henning Haeder, Manager Energy Policy, Climate & Sustainability, **eurelectric**

KEY TOPICS 2018:

- Analysing Hydropower In The Legal Context: Environmental & Engineering Challenges
- Staying Competitive In Ever Changing Market Trends: Analysing Different National Experiences
- Expanding Hydropower Storage Solutions & Operations Flexibility
- Increasing Asset Optimisation & Asset Efficiency In Hydropower Operations
- Hydropower In The Environmental Context
- Hydropower Sustainability & The Future Of Renewable Energy Strategy
- Exploring Key Business Opportunities & Technology Innovations
- Hydropower's Economy & Investment Strategy

EXCLUSIVE SITE VISIT

During the afternoon of Tuesday 4th of September 2018, a limited number of conference attendees will receive a unique opportunity to visit **Kraftwerke Oberhasli, KWO Grimsel 1 E Power Plant**. There is no extra charge to attend the site visit, but spaces are limited and allocated on a first come—first served basis. Please register your attendance when booking for the conference.



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For Commercial and Sponsorship Opportunities Contact:

Joshua Hill jhill@acieu.net Phone : +44 (0) 20 3141 0610



Already on its 5th edition, ACI's Hydropower Development 2018 will bring together senior executives and experts from the Hydropower industry, policy makers, consultants, technology innovators, engineers, investors, project developers and leading market analysts to discuss the latest challenges and developments within the industry.

The two day event will give you an insight to the industry's latest policy evaluations and, while focusing largely on Hydropower production & development in Europe, will also concentrate on updates and future forecasts on future environmental & energy trends and its impact on both, Hydropower operations & market dynamics.

Join us in Zurich for excellent networking opportunities!

Key Topics 2018:

- **Analysing Hydropower In The Legal Context: Environmental & Engineering Challenges**
- **Staying Competitive In Ever Changing Market Trends: Analysing Different National Experiences**
- **Expanding Hydropower Storage Solutions & Operations Flexibility**
- **Increasing Asset Optimisation & Asset Efficiency In Hydropower Operations**
- **Hydropower In The Environmental Context**
- **Hydropower Sustainability & The Future Of Renewable Energy Strategy**
- **Exploring Key Business Opportunities & Technology Innovations**
- **Hydropower's Economy & Investment Strategy**

Join us in Zurich, the host city for 2018!



Registration is simple:

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

Tel: +48 61 646 7040

Email: rafael@acieu.net



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Sponsorship Opportunities:

With leading companies and organisations from the hydropower industry attending and speaking at the event, we have the perfect vehicle to provide outstanding exposure to a senior level audience.

There are various sponsorship packages available, including sponsorship of a cocktail reception on the first evening of the event and sponsorship of a networking lunch. For further details, please contact:

Joshua Hill jhill@acieu.net Tel: +44 (0) 20 3141 0610

Who should attend:

Senior executives from leading hydro power companies, business development managers, sales managers, policy directors, heads of environmental strategy, heads of markets, geotechnical engineers, economists, machinery suppliers, consultants & hydropower market analysts, and key investors in Europe.

Speaking Opportunities:

If you would like to be considered as a speaker at the event for a 30 - 45 mins presentation, please submit an abstract for consideration to:

Marta Kielerska

Tel: +48 (0) 616 46 7058

Email: mkielerska@acieu.net

DAY 1

Wednesday 5th September 2018


08:00 REGISTRATION & COFFEE

CHAIRMAN'S OPENING REMARKS

Peter Matt
 Head Of Engineering Services
 Vorarlberger Illwerke AG

09:15 KEYNOTE PRESENTATION

International Cooperation To Address Top Challenges For Hydropower Development And Operation Today


Gregory Tracz
 Chief Development Officer
International Hydropower Association
 Hydropower in the broader energy policy landscape
 Changing perceptions and creating synergies with other sectors;
 Improving decision-making at the project, national and international level
 Unlocking finance and hydropower potential and de-risking projects

09:35 CONFERENCE PRESENTATION

In Search For Best Practices For Sustainable Hydropower Development In Europe


Ivan Zavadsky
 Executive Secretary
ICPDR
 Utilisation of the ICPDR Guiding Principles on Sustainable HP Development in the Danube Basin
 Technical upgrading of existing plants as well as for strategic planning approach for new HP development respecting the EU environmental legislative

10:20 MORNING REFRESHMENTS


10:50 CONFERENCE PRESENTATION

In Search For Best Practices For Sustainable Hydropower Development In Europe


Martin Schoenberg
 Advisor Hydropower
eurelectric
 State of the evaluation of the Water Framework Directive
 Summary of the main hydropower-related points of the two expected documents:
 Report on the Implementation of the Water Framework Directive
 A Guidance Document on Hydropower and Natura 2000
 Current developments affecting hydropower

11:35 CONFERENCE PRESENTATION


Staying Competitive In Ever Changing Market Trends: Analysing Different National Experiences


Torbjorn Sletten
 Senior Production Planner
STATKRAFT
 An outlook of Norwegian Hydropower markets

12:20 LUNCH

13:20 CONFERENCE PRESENTATION

Expanding Hydropower Storage Solutions & Operations Flexibility


Lisa Zumholz
 Asset Manager Hydro
innogy SE
 How to optimise the results from a fleet of plants which differs widely in size and location?

14:05 CONFERENCE PRESENTATION


Hydropower Sustainability & The Future Of Renewable Energy Strategy



Claes Hedenstrom
 CEO
Vattenkraftens Miljöfond AB
 Eight Swedish power companies finance mitigation measures according to national assessment plan for the whole hydro power

14:50 AFTERNOON REFRESHMENTS

15:20 SESSION ONE

Hydropower In The Environmental Context


Emmanuel Grenier
 Public & Institutional Relations
ICOLD
 How Hydropower can serve both Climate Protection Goals and Sustainable Development Goals


Gottfried Gökler
 Head Of Civil Engineering
Vorarlberger Illwerke AG
 The Flexible Hydropower in the Environmental Context
 Needed flexibility
 Environmental impacts and/or ecological benefits
 Painful struggle or sustainable collaboration

16:20



Racquel Moura
Eng Environment
EDP



Liliana Benites Carvalho
Eng Environment
EDP



A case study discussing river connectivity along the Douro river, with an approximated 150 km extension

17:10

CLOSE OF DAY ONE

DAY 2

Thursday 6th September 2018

08:30

REGISTRATION & COFFEE

09:00



CHAIRMAN'S OPENING REMARKS
Otto Pirker
Senior Advisor
VERBUND AG

09:05

SESSION TWO

Hydropower's Economy & Investment Strategy



Christian Topp
Managing Director, Infrastructure
PRIME CAPITAL
Hydro in Scandinavia: Opportunities and challenges:
PPA vs. Market
Scalability (Greenfield vs. brownfield)
Leverage vs. Unlevered

09:35



Rikardur Rikardsson
Managing Director
LANDSVIRKJUN POWER
What are some of the core greenfield hydro investment strategies currently deployed?
What results can be observed from different greenfield hydro investment strategies?

10:20

MORNING REFRESHMENTS

10:50

CONFERENCE PRESENTATION

What Are The Key Challenges For The UK Industry At The Moment?



Simon Hamlyn
CEO
British Hydropower Association

11:35

SESSION THREE

Exploring Key Business Opportunities & Technology Innovations



Bernhard Miller
Managing Director
Hydropower Evolutions (UNIPER)



Dr Klaus Engels
Managing Director
Hydropower Evolutions (UNIPER)
Development activities in Indonesia and Georgia

12:05



Bob Shortridge
President
Lignum - Vitae
A simple solution to complex problems
A reliable environmentally-superior water/self-lubricated bearing solution.

12:50

LUNCH

13:50

CONFERENCE PRESENTATION

EIB's Draft Environmental, Climate And Social Guideline For Investments In Hydropower Development



Olivier Tricca
Senior Engineer & Energy Expert
EUROPEAN INVESTMENT BANK (EIB)

14:35

SESSION FOUR

Hydropower Sustainability & The Future Of Renewable Energy Strategy



Hans - Wilhelm Schiffer
Executive Chair World Energy Resources
World Energy Council
Analysing the importance & benefits of hydropower in the global renewable energy mix



Mario Bachhiesl
Head of Renewables & Distributed Generation, Health & Safety
VGB Power Tech e.V.
Hydro & intermittent renewables

15:05

15:50



CHAIRMAN'S CLOSING REMARKS
Otto Pirker
Senior Advisor
VERBUND AG

16:00

END OF CONFERENCE & AFTERNOON REFRESHMENTS

Registration Is Simple

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

-  +48 61 646 7040
-  rafael@acieu.net
-  <http://www.acius.net>
-  **Postal Address:**
ACI Europe, 10 Gough Square, London, EC4A 3DE

Registration Is Simple

Conference (Includes access to all documentation) 05th & 06th September, 2018	£1,595.00
Documentation Packet 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 +48 61 646 7040

Documentation Packet Available

We are selling the Hydropower Development 2018 papers at just £445 (+£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.

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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 **Rafael** at +48 61 646 7040 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.