

11th Annual

EUROPEAN NUCLEAR POWER CONFERENCE

Grasping new business in nuclear power generation

May 18-19 | Hilton London Canary Wharf | London, UK



WHY ATTEND?

- **Greater content with 2 full days of sessions**
Exclusive content presented in a variety of presentation formats.
- **Hear first-hand accounts from those at the forefront**
35+ market leaders from the international nuclear power community will debate the key challenges and opportunities.
- **Enhanced Networking**
We have built into the conference a number of dedicated social functions, including a drinks reception, networking dinner and event app.

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HITACHI



Katrina Williams,
Director General,
International, Science
and Resilience,
DECC

Malcolm Grimston,
Honorary Senior Research
Fellow, **Imperial College
Centre for Energy Policy
& Technology**



Jacques Regaldo,
Chairman, **World
Association of Nuclear
Operators (WANO)**



Ian Liddell-Grainger MP,
Chairman, **Parliamentary
Group for Energy
Studies**



Dr. Ning Li, Member, Expert
Committee, **State Nuclear
Power Technology
Corporation**



Robert Armour, Deputy
Chairman,
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Antonio Müller,
President,
ABDAN



Mats Iadeborn,
Chairman,
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It's time to meet again and discuss the right way forward....

Platts is delighted to reveal that the 11th edition of the European Nuclear Power conference returns to London on May, 18-19, 2016 at the Hilton Canary Wharf hotel.

As this event is designed for Europe's leading utilities, project developers, technology providers, policy makers and financiers today, Platts has sourced 35 key expert speakers to gather for frank discussion and unrivalled debate. This will include how to grasp new business opportunities in nuclear power.

TOPICS DISCUSSED

- The big picture for nuclear energy globally: What is the latest state of play?
- Update on Hinkley Point C and the The Moorside project – challenges, opportunities and developments in the UK
- Developments, challenges and opportunities in Europe – here first hand insights from those in the know about Finland, France, Slovakia, Bulgaria, Ukraine and Hungary
- Skills development strategies: Exploring the importance of collaboration
- Developing the necessary market conditions for investment in new nuclear build projects
- Examining the business case for scalable and flexible SMRs to meet energy generation demands
- Exploring the latest global developments, challenges and opportunities – find out what's really going on in Japan, USA, Saudi Arabia, China and Brazil
- Discover the latest decommissioning and waste, fuel and safety developments and challenges

WHO ATTENDS

The event regularly attracts in excess of 150 delegates each year from across the nuclear value chain, including:

- Utilities
- Project developers
- Technology providers
- Policy makers
- Regulators
- Financiers

LOCATION

Hilton London Canary Wharf

Marsh Wall, London

E14 9SH

Tel: + 44 203 002 2300

Website: www3.hilton.com/hilton-london-canary-wharf

Organized by Platts – a global leader in commodity information, intelligence and events

Platts is a leading global provider of energy, petrochemicals, metals and agriculture information, and a premier source of benchmark price assessments for those commodity markets. Since 1909, Platts has provided information and insights that help customers make sound trading and business decisions and enable the markets to perform with greater transparency and efficiency. **Our events look to build on these principles.**

We look forward to meeting you in London next year.

Matthew Secker

Conference Producer - Platts

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EUROPEAN NUCLEAR POWER SUMMIT

CONFIRMED SPEAKERS

- **Katrina Williams**, Director General, International, Science and Resilience, **Department of Energy and Climate Change**
- **Jacques Regaldo**, Chairman, **World Association of Nuclear Operators (WANO)**
- **Paul Spence**, Director of Strategy and Corporate Affairs, **EDF Energy**
- **Ian Liddell-Grainger MP**, Chairman, **Parliamentary Group for Energy Studies and Member of Parliament for Bridgwater and West Somerset**
- **Dr. Ning Li**, Distinguished Professor and Dean, **College of Energy, Xiamen University, China** and Member, Expert Committee, **State Nuclear Power Technology Corporation**
- **Malcolm Grimston**, Honorary Senior Research Fellow, **Imperial College Centre for Energy Policy and Technology**
- **Mats Ladeborn**, Vice president Fleet Development, **Vattenfall** and Member of **FORATOM executive board**
- **Robert Armour**, Deputy Chairman, **NuGen** and Chair, WLG Nuclear Team, **Gowling**
- **Jean Llewellyn**, CEO, **National Skills Academy for Nuclear**
- **Hans E. Schweickardt**, Chairman of the Supervisory Board, **Polenergia Holding S.à.r.l.**
- **Minna Forsström**, Project Director, **Fennovoima**
- **Vladivoj Reznik**, Head of Engineering, **Slovenske Elektrarne**
- **Antonio Müller**, President, **ABDAN (Brazilian Association for Development of Nuclear Activities)**
- **Juha Poikola**, Manager, Public Relations and Responsibility, **Teollisuuden Voima Oyj**
- **Lord O'Neill**, Former Chairman, **Nuclear Industry Association**
- **Yvan Pouleur**, Policy Officer, DG ENER – Nuclear Energy, **European Commission**
- **Dr. Salah Ud-Din Khan**, Assistant Professor, Sustainable Energy Technologies Center, **College of Engineering, King Saud University**
- **Natalyn Ala**, GDF Siting Director, **Radioactive Waste Management**
- **Marc Leblanc**, Commission Secretary, **Canadian Nuclear Safety Commission**
- **Anton Ivanov**, Energy Advisor, **Bulgarian Parliament**, Former Chair of the Board, **Kozloduy NPP** and **Nuclear Safety Director, Bulgarian Energy Ministry**
- **Simon Taylor**, Director of the Master of Finance Programme, **Cambridge Judge Business School**
- **Mike Tynan**, Chief Executive, **University of Sheffield's Nuclear Advanced Manufacturing Research Centre**
- **Nathan Paterson**, Co-Chair, **European Nuclear Society - Young Generation**
- **Dr David Kingham**, Chief Executive, **Tokamak Energy**
- **Eija Karita Puska**, Senior Principal Scientist, **VTT**
- **Dr. Alexander Boytsov**, Director of Resources Development, **Uranium One Group**
- **Dariusz Kozak**, Nuclear Economist, **Euratom Supply Agency**
- **Dr. Jonathan Cobb**, Senior Communication Manager, **World Nuclear Association**
- **Dr. Geoffrey Rothwell**, Principal Economist, Nuclear Energy Agency, **OECD**
- **Patricia Wieland**, Head, **World Nuclear University**
- **Alex Hand**, Partner and Deputy Head of Nuclear, **Eversheds**
- **François Lévêque**, Economic Professor, **l'Ecole des Mines** and Author, **The Economics and Uncertainties of Nuclear Power**
- **David Powell**, United Kingdom - Vice President European Sales, **GE Hitachi**
- **Bob Churchill**, Programme Director - Strategic Programmes, **Amec Foster Wheeler**
- **Olga Wills**, Advisor to the President, **Rosatom Overseas**
- **Mikhail Maltsev**, Chief Engineer of Comprehensive Engineering Bureau for Technological and Configuration Solutions, **JSC 'Atomenergoproekt'**

DAY 1 - WEDNESDAY 18TH MAY 2016

08:00 Registration and continental breakfast

08:50 Chairman's welcoming remarks
Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**

SETTING THE SCENE FOR NUCLEAR DEVELOPMENT TODAY – PART ONE

09:00 The crucial role of nuclear power in the UK energy mix

- How nuclear power stations are a vital part of the infrastructure investment needed to ensure future energy supply and successfully tackle Co2
- Balance of nuclear power with renewables and other forms of generation

Katrina Williams, Director General for International, Science and Resilience, **Department of Energy and Climate Change**

09:25 The big picture for nuclear energy globally: What is the latest state of play?

- What are the latest growth projections for nuclear in different regions?
- Strategies to avoid delays and budget overruns to increase nuclear power's market share
- Effective strategies for life extensions and new builds
- Exploring the increasing role of China in nuclear new build development

Lord O'Neill, Former Chairman, **Nuclear Industry Association**

09:50 COP21: Progress made and the role of nuclear power

- Balancing decarbonisation with security of supply and affordability
- To what extent is the historic link between economic growth and rising emissions finally breaking?
- Analyzing the role of nuclear power in future

Malcolm Grimston, Honorary Senior Research Fellow, **Imperial College Centre for Energy Policy and Technology**

10:15 Exploring China's nuclear new build aspirations and progress made

- How can the world benefit from China's nuclear development?
- What further contributions can the rest of the global nuclear industry make in China?
- Exploring the partnership arrangements in place

Simon Taylor, Director of the Master of Finance Programme, **Cambridge Judge Business School**

10:40 Networking and refreshment break – sponsorship available

11:10 Nuclear safety: an overriding priority for nuclear development worldwide

- WANO missions and challenges after Fukushima
- New panorama and perspectives of nuclear development worldwide
- Importance to accompany the newcomers in the nuclear industry

Jacques Regaldo, Chairman, **World Association of Nuclear Operators (WANO)**

UPDATE ON HINKLEY POINT C – CHALLENGES, OPPORTUNITIES AND DEVELOPMENTS – PART ONE

- Timelines, roles of the different stakeholders, challenges faced and sharing of financing
- Examining the need for a guaranteed price for power generated
- Exploring the other planned new builds at Sizewell and Bradwell
- The challenge of adhering to high regulatory standards
- Outlining the supply chain arrangements – getting ready for upcoming opportunities
- What still needs to be finalised?

11:35 The utility perspective

Paul Spence, Director of Strategy and Corporate Affairs, **EDF Energy**

12:00 The local government perspective

Bob Brown, Corporate Director, **Sedgemoor District Council**

- 12:25** **PANEL DISCUSSION** on Hinkley Point C
Paul Spence, Director of Strategy and Corporate Affairs, **EDF Energy**
Bob Brown, Corporate Director, **Sedgemoor District Council**
Alex Hand, Partner and Deputy Head of Nuclear, **Eversheds**
Moderated by:
Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**
- 12:45** **Networking Lunch – sponsorship available**
- 14:00** **REACTOR SHOWCASE** Innovations in nuclear power plants with VVER-1200 reactor
Mikhail Maltsev, Chief Engineer of Comprehensive Engineering Bureau for Technological and Configuration Solutions, **JSC ‘Atomenergoproekt’**

DEVELOPMENTS, CHALLENGES AND OPPORTUNITIES IN WESTERN EUROPE

- 14:25** **French nuclear: overview of developments, challenges and opportunities**
- How France is looking to reduce reliance on nuclear power and the implications of doing so
 - Update on the EDF/Areva merger and EPR
 - Latest on Olkiluoto, Flamanville and projects in China: learning valuable lessons for Hinkley Point
 - Prospects of extending the lifespan of existing reactors and decommissioning others
 - Can the industry win lucrative new contracts abroad to boost growth prospects?
 - What steps need to be taken for the industry to thrive?
- François Lévêque**, Economic Professor, **l’Ecole des Mines** and Author, **The Economics and Uncertainties of Nuclear Power**
- 14:50** **UK: The Moorside project**
- The need for three AP1000s in the UK and why they're right for the UK
 - The attractions of the Moorside site
 - Progress update on the project
 - Challenges; financing, licensing, skills, infrastructure, public support, supply chain
 - New nuclear, the bigger picture
- Robert Armour**, Deputy Chairman, **NuGen** and Chair, WLG Nuclear Team, **Gowling**

NORDIC COUNTRIES UNDER THE MICROSCOPE

- 15:15** **Prerequisites for long term operation of nuclear reactors in Sweden**
Mats Ladeborn, Vice president Fleet Development, **Vattenfall** and Member of **FORATOM executive board**
- 15:40** **PANEL DISCUSSION** Nordic update: What are the latest developments and opportunities?
- Update on the nuclear power investments in Olkiluoto and in Pyhäjoki Finland
 - Ladeborn
- Minna Forsström**, Project Director, **Fennovoima**
Juha Poikola, Manager, Public Relations and Responsibility, **Teollisuuden Voima Oyj**
Mats Ladeborn, Vice president Fleet Development, **Vattenfall** and Member of **FORATOM executive board**
Moderated by:
Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**
- 16:20** **Networking and refreshment break – Sponsored by:**

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DEVELOPMENTS, CHALLENGES AND OPPORTUNITIES IN CENTRAL AND EASTERN EUROPE

- 16:50** **Bulgaria: Examining the latest on the Kozloduy 7 nuclear power reactor project – how profitable is it likely to be in future?**
Anton Ivanov, Energy Advisor, Bulgarian Parliament, Former Chair of the Board, **Kozloduy NPP and Nuclear Safety Director, Bulgarian Energy Ministry**
- 17:15** **Slovakia: Exploring long term operation for NPP Bohunice and severe accident management for NPPs Mochovce and Bohunice**
Vladivoj Reznik, Head of Engineering, **Slovenske Elektrarne**

17:40 Ukraine, Poland and Hungary case study: Advantages of modernizing unit 2 of Khmelnytsky NPP

- Modernisation of two 750kV tie lines from the plant to Poland and to Hungary through Burshtyn Island
- Counteracting loop flows through Poland as a result of wind power
- Reducing power shortages in Poland
- Generating revenues to improve the power infrastructure in Ukraine such as transmission lines or nuclear plants
- Room to complete units 3 and 4 of the same plant with up to date technology

Hans E. Schweickardt, Chairman of the Supervisory Board, **Polenergia Holding S.à.r.l.**

18:05 Chairman's concluding remarks

Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**

18:15 Networking reception

Join us immediately after the conference for drinks in the exhibition area

19:30 Evening dinner

Join us on the evening of Day One for an exclusive networking dinner. Places are limited, so register early to secure your place at the table and avoid missing out on this opportunity to nurture or forge those relationships you will need for the year ahead.

DAY 2 – THURSDAY 19TH MAY 2016

08:00 Registration and continental breakfast

08:50 Chairman's welcoming remarks

Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**

09:00 Russian technologies and Rosatom

Olga Wills, Advisor to the President, **Rosatom Overseas**

SETTING THE SCENE FOR NUCLEAR DEVELOPMENT TODAY – PART TWO

09:30 Update on the EU's 'Energy Union' project – giving energy and climate policies a reboot – what are the implications for nuclear power?

- Exploring the shortcomings of the original programme based on emission, renewable energy and efficiency targets
- How are the 28 member states reacting to the detail of the energy union project up to now?

- How nuclear energy can significantly contribute to the main aims of the EU's energy policy
- Yvan Pouleur**, Policy Offer, DG ENER – Nuclear Energy, **European Commission**

09:55 PANEL DISCUSSION Skills development strategies: How collaboration is the most effective means of tackling the skills gap

- What partnerships are we seeing and what should we see in future?
- Exploring the challenges of implementation
- What can be done to help supply chain companies?
- What is being done to promote careers in nuclear power?

Jean Llewellyn, CEO, **National Skills Academy for Nuclear**

Nathan Paterson, Co-Chair, **European Nuclear Society - Young Generation**

Eija Karita Puska, Senior Principal Scientist, **VTT**

Patricia Wieland, Head, **World Nuclear University**

Moderated by:

Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**

10:35 Networking and refreshment break – sponsorship available

11:05 REACTOR SHOWCASE Innovations in nuclear reactor designs – A simpler, smarter, safer way to nuclear generation

David Powell, United Kingdom - Vice President European Sales, **GE Hitachi**

11:30 REACTOR SHOWCASE Examining the business case for scalable and flexible small modular reactors (SMRs) to meet energy generation demands

- What are the advantages of SMRs and how big could the industry become?
- Exploring uncertainties over price and public acceptability, and need for government funding

Mike Tynan, Chief Executive, **University of Sheffield's Nuclear Advanced Manufacturing Research Centre**

EXAMINING THE LATEST GLOBAL DEVELOPMENTS, CHALLENGES AND OPPORTUNITIES – PART ONE

11:55 REACTOR SHOWCASE Latest technology developments in China – what are the implications for Europe?

- Advanced LWRs, HL-1 (CNNC and CGN) and CAP1400 (SNPTC), with hybrid and passive safety features, are entering engineering demonstration stage with new units under construction, both are designed for exports
- HTR-PM, a pebble-bed module version of high temperature gas-cooled reactors, is under

construction and progressing toward completion and commissioning by 2017, with follow-on units being planned both domestically and internationally

Dr. Ning Li, Distinguished Professor and Dean, **College of Energy, Xiamen University**, China and Member, Expert Committee, **State Nuclear Power Technology Corporation**

12:20 Is this the “Wright brothers” moment for nuclear fusion power?

- How rapid incremental innovation will accelerate the development of fusion power

Dr David Kingham, Chief Executive, **Tokamak Energy**

12:45 Networking Lunch – sponsorship available

13:45 The role of the owners engineer in nuclear new build

Bob Churchill, Programme Director - Strategic Programmes, **Amec Foster Wheeler**

UPDATE ON HINKLEY POINT C – CHALLENGES, OPPORTUNITIES AND DEVELOPMENTS – PART TWO

14:10 The UK government perspective

Ian Liddell-Grainger MP, Chairman, **Parliamentary Group for Energy Studies and Member of Parliament for Bridgwater and West Somerset**

EXAMINING THE LATEST GLOBAL DEVELOPMENTS, CHALLENGES AND OPPORTUNITIES – PART TWO

14:35 Brazil: Development, opportunities and challenges for future nuclear new build

Antonio Müller, President, **ABDAN (Brazilian Association for Development of Nuclear Activities)**

15:00 Examining reactor choice, cost estimation and the nuclear desalination option across the MENA region

- To what extent is there momentum to develop nuclear power to limit domestic consumption of oil supplies?
- Exploring the status of small modular reactors: its safety aspects and cost estimation scenario
- Reviewing the current status of desalination plants across the globe and the nuclear desalination system, with associated technologies as promising features to the MENA region

Dr. Salah Ud-Din Khan, Assistant Professor, Sustainable Energy Technologies Center, College of Engineering, **King Saud University**

15:25 Networking and refreshment break – sponsorship available

DECOMMISSIONING AND WASTE, FUEL AND SAFETY DEVELOPMENTS AND CHALLENGES

15:55 The cost and funding of European NPP decommissioning with a focus on Germany

- When will European NPP retire?
- Will there be funds available to decontaminate and dismantle these plants?
- What are the implications of the German ‘D&D stress tests’?

Dr. Geoffrey Rothwell, Principal Economist, Nuclear Energy Agency, **OECD**

16:20 Working with willing communities for geological disposal of waste

Natalyn Ala, GDF Siting Director, **Radioactive Waste Management**

16:45 PANEL DISCUSSION

Nuclear fuel: Uranium strategic advantages, developments and opportunities

- Outlook on uranium supply and new projects – is there security of supply?
- Latest on international trade and fuel procurement
- Innovations in nuclear materials transportation
- Exploring the potential of establishing an international fuel bank

Dr. Alexander Boytsov, Director of Resources Development, **Uranium One Group**

Dariusz Kozak, Nuclear Economist, **Euratom Supply Agency**

Moderated by:

Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**

17:15 Increasing global accountability in nuclear safety

Marc Leblanc, Commission Secretary, **Canadian Nuclear Safety Commission**

17:40 Chairman’s closing remarks

Dr. Jonathan Cobb, Senior Communication Manager, **World Nuclear Association**

17:50 Close of conference

7th Annual

EUROPEAN NUCLEAR POWER CONFERENCE

Grasping new business in nuclear power generation

May 18-19 | Hilton London Canary Wharf | London, UK

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VENUE

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E14 9SH
Tel: +44 203 002 2300
Email: LONCW_Hotel@hilton.com
Website:
www3.hilton.com/hilton-london-canary-wharf

DISCOUNTED ACCOMMODATION

A limited number of rooms have been reserved for Platts 11th Annual European Nuclear Power conference participants at The Hilton London Canary Wharf at the following preferential rates. The discounted rates are for the night of May 17-18 only. These rates are subject to availability and are not guaranteed after A 17, 2016.

ROOM RATES

Standard Double Room: £299 +VAT

To book, contact the hotel directly via email at LONCW_Hotel@hilton.com or call **+44-203-002-2350** and quote 'Platts Nuclear Power Conference.

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