



EIC|CONNECT

# Energy 2015

Supply Chain Event & Conference

24-25 November, Manchester Central, UK

Event programme



# CEO's Welcome



Welcome to EIC Connect Energy 2015. Once again, we have a full and varied programme focusing on opportunities and capability within the power, nuclear and renewables sectors. Over the next two days, we will be bringing UK supply chain companies together with the international operators and contractors who recognise the unique opportunity that this event presents.

When we last met at EIC Connect Energy 2013, the energy arena in the UK looked remarkably different. We were amidst changes being introduced via the Electricity Market Reforms, which underpin how new investment is supported in the UK.

Now, two years on, the mechanisms of those reforms have been put in place, but the political arena has changed. We have a new Government which is committed to achieving a secure, low carbon and affordable energy supply in the UK, as well as growing our skills, jobs and opportunities for the supply chain. And although the plan to deliver on its commitment is uncertain, this week the Government will publish the outcome of its Spending Review, which will outline the details.

At EIC Connect Energy 2015, delegates will also be able to find out more about how changes are affecting investments and about the range of opportunities available for the UK supply chain.

These opportunities are not just projects based at home such as Hinckley Point, they are also global. Moreover, the UK has much to be proud of. We are highly regarded for our skills in both the renewables and nuclear sectors, and this is reflected in the range of companies supporting EIC Connect 2015, from the UK but also Eastern Europe and Turkey. These companies are looking for the right skills and products for their projects, so whether you are already active in energy projects, or you are an oil and gas supply chain company looking to new markets, this event is a great platform for you to do business.

The programme includes a variety of informative conference sessions on renewables, conventional and nuclear power with key operators, utilities and contractors, who will be sharing their insight on upcoming global energy projects. There will also be complementary sector based briefings encompassing the whole energy sector, and over 30 companies showcasing products and services, so please do visit them.

For the first time this year we have introduced a **networking dinner** that will allow energy professionals to meet, network and build relationships. There will also be one-hour **training course** taster sessions covering the power, CCS, offshore wind and nuclear sectors.

Finally, I would like to thank the EIC Connect advisory board, which is made up of leading companies, many of whom are EIC members, for their ongoing support and help in shaping the programme.

My team and I look forward to seeing and meeting with many of you during the course of the event.

If you are interested in finding out more about EIC membership and our services, or more about how to maximise your membership, we are here to help.

*Claire Miller*  
Chief Executive, EIC

# General Information

## Cloakroom

Located next to registration desk in the main entrance.

## Catering Schedule

Lunch will be served in the Delegate Networking Area in the Exhibition Hall between 12:00 and 14:00. Refreshments are available all day.

## Internet Connectivity

The event is Wi-Fi enabled and can be used free of charge for delegates for general surfing. To connect:

- Select MCCC wireless network
- The portal page should load automatically. If not, just open your web browser
- Click Login to Manchester Central's Free Wi-Fi
- Enter your information and read the terms and conditions
- Once confirmed, you're connected!

## Networking Dinner

A networking dinner will take place on Tuesday 25th November for exhibitors, sponsors and speakers and those delegates that have booked to attend.

The dinner will begin at 18:30 with a drinks reception in the foyer area of Manchester Central. Please bring your delegate badge with you for easy access to the event.

If you have not booked to attend the dinner but would like to attend please see Charmaine Atkinson at the Registration Desk who will advise if any places are available.

A cost of £80 +VAT is applicable and includes a three-course meal and refreshments during dinner. A cash bar will be in operation.

## Speaker Presentations

Copies of all speaker presentations will be sent in an email (to download each copy) as opposed to a memory stick to ensure as many are made available to delegates as possible.

You will be asked to complete an event questionnaire online to receive this information.

The email will go out to delegates week commencing 30th November 2015.

## With thanks to our Event Sponsors:

Conference:  
 ADDLESHAW  
GODDARD

Lanyards:  
 BOC  
A Member of The Linde Group

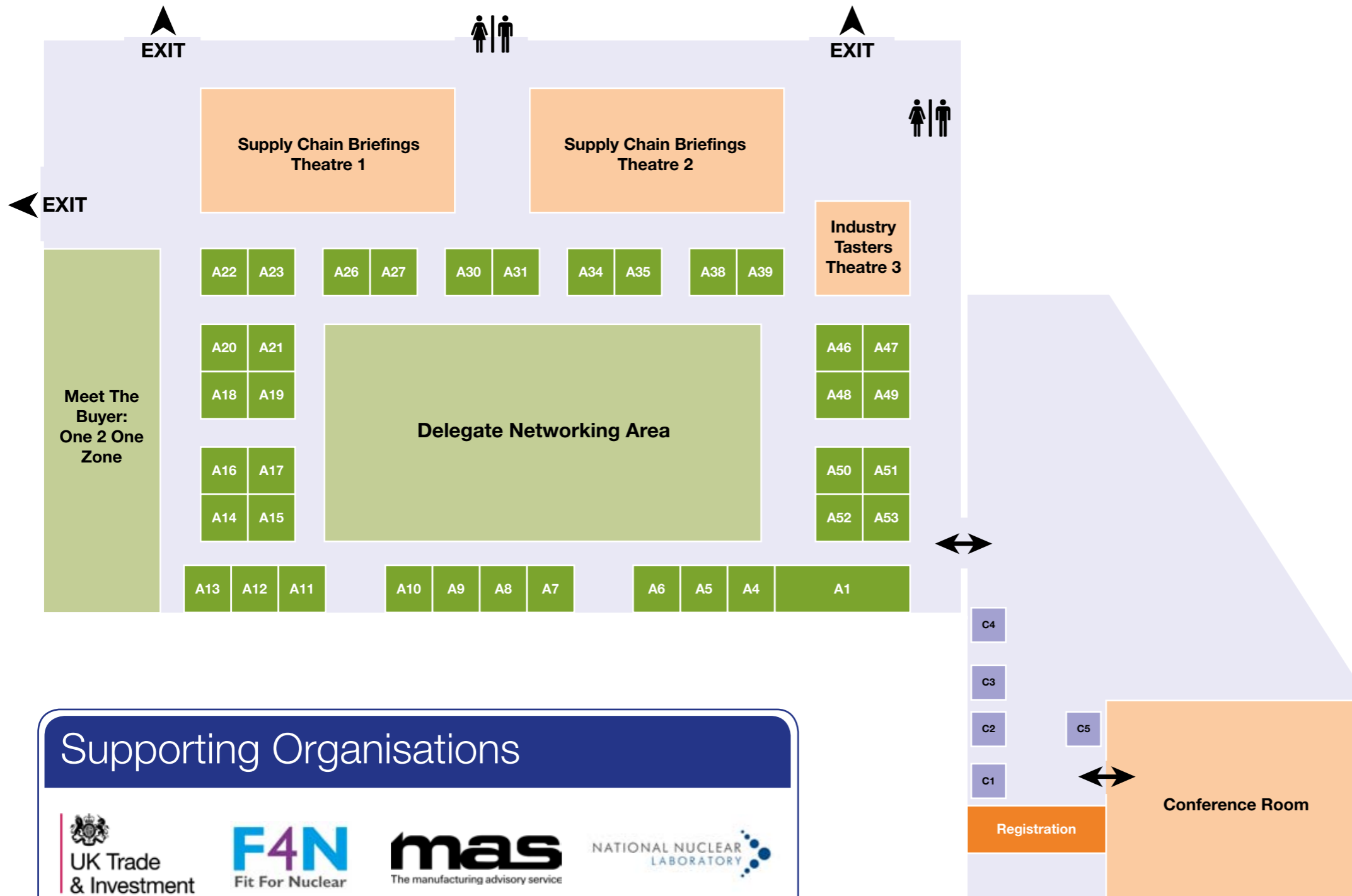
Theatres:  
 EMERSON

Speakers' Dinner:  
 Roxtec



This event is CPD certified. For more information please visit <http://www.cpduk.co.uk/>

# Floorplan and A-Z Exhibitor List



- Actavo.....A34
- Advanced Valve Solutions.....A30
- Alfa Standard.....A46
- Amec Foster Wheeler .....A51
- Applus RTD UK Ltd .....A48
- Austin Hayes .....A8
- AVEVA.....A27
- Bergen Pipe Supports .....A21
- Booth Welsh.....A11
- Busch.....A52
- Business Growth Service (MAS).....C4
- Carpenter & Paterson .....A31
- Crucial Visual Communications.....A53
- ECITB.....C2
- EDT (Engineering Development Trust) .....C3
- EIC .....A1
- Emerson.....A50
- Firetrace International .....A6
- GF Piping Systems .....A7
- GT Group .....A49
- Heat Trace.....A5
- Iberdrola .....A20
- Legrand Electric Ltd .....A23
- Lokring Northern .....A10
- Merit Holdings Ltd .....A47
- National Nuclear Laboratory .....C1
- North West Energy Squared .....C5
- Nuclear AMRC .....A4
- OMS.....A38
- Orbital .....A39
- PTG Precision Engineers Ltd .....A12
- Rochem Technical Services .....A15
- Rolevet Ltd.....A16
- Rolls-Royce.....A9
- Saint-Gobain Isover .....A19
- Sensornet.....A13
- Siemens .....A22
- SSE.....A14
- Sterling Quality Services Ltd .....A17
- Strategic Power Systems .....A18
- W Maass (UK) Ltd .....A26
- WIKA Instruments Limited .....A35

## Supporting Organisations



# Agenda

## Tuesday 24th November

TIME	ONE 2 ONE APPOINTMENTS	THEATRE 1 – SUPPLIER BRIEFINGS (30mins each)	THEATRE 2 – SUPPLIER BRIEFINGS (30mins each)	THEATRE 3 – INDUSTRY TASTERS (30-45mins each)	CONFERENCE SESSIONS
09:00	Exhibition Open				
09:30	One 2 One Appointments				<b>Opening Statement</b> (30mins) Chair - Amisha Patel (EIC) Keynote - Matthew Knight (Siemens)
10:00					
10:30		<b>Opportunities with Siemens</b> (30mins)	<b>Opportunities with KP Ria</b> (Czech Rep. EPC Contractor)	<b>EIC Global Market Update: Renewables</b> Will Sharkey (30mins)	
11:00					<b>Renewables Outlook</b> (90mins) Chair – Keith MacLean Ali Qureshi – Iberdrola (Scottish Power) Ioan Jenkins – Tidal Lagoon Power
11:30		<b>Opportunities with Siemens</b> (30mins)	<b>Opportunities with ELNOS Group</b> (Bosnian EPC Contractor)		Ron Ellis – Fabricom Fred Mead - MAS Graham O'Hare – Roxtec
12:00	Lunch is served				
12:30					
13:00	One 2 One Appointments continue				<b>Fundamentals of Power</b> (EON) Richard Bottrell (45mins)
13:30		<b>Opportunities with GE Renewable Energy</b>	<b>Opportunities with Galata Renova Energy</b> (Turkey)		
14:00					<b>Conventional Power Outlook</b> (90mins) Chair – Keith MacLean Centrica – Mark Manley Siemens – Steve Wildman GE Renewable Energy – Christian Merchan
14:30					
15:00		<b>Repeat of Opportunities with GE Renewable Energy</b>	<b>Repeat of Opportunities with ELNOS Group</b> (Bosnian EPC Contractor) (Turkey)	<b>EIC European Market Update: Conventional/Thermal Power</b> Sarah Lister (30 mins)	
15:30					
16:00	Networking/Exhibition				
16:30					

Key:

Renewables	Conventional/Thermal	Nuclear	Any/all 3 sectors	Oil & Gas
------------	----------------------	---------	-------------------	-----------

## Wednesday 25th November

TIME	ONE 2 ONE APPOINTMENTS	THEATRE 1 – SUPPLIER BRIEFINGS (30mins each)	THEATRE 2 – SUPPLIER BRIEFINGS (30mins each)	THEATRE 3 – INDUSTRY TASTERS (30-45mins each)	CONFERENCE SESSIONS
09:30	Exhibition Open				
10:00	One 2 One Appointments				<b>“How SMEs should do business with International Contractors”</b> Tassos Sachinis (45mins)
10:30		<b>Opportunities with Vitkovice Power Engineering</b> (Czech Rep)	<b>Opportunities with Doosan Babcock</b> (30mins) Nuclear/Thermal Power		<b>Nuclear Outlook</b> Chair – Andy Storer – NAMRC Amanda MacMillan – Horizon Nuclear Power Chris Squires – EDF Energy Gary Shuttleworth – NuGen Adrian Bull – National Nuclear Laboratory John Ransford – MAS
11:00					<b>EIC Global Update: Oil &amp; Gas</b> Sagar Das (30 mins)
11:30		<b>Opportunities with Vitkovice Power Engineering</b> (Czech Rep)	<b>Repeat Opportunities with Doosan Babcock</b> (30mins) Nuclear & Thermal Power		
12:00	Lunch is served				
12:30					
13:00	One 2 One Appointments continue				<b>Fundamentals of Nuclear</b> National Skills Academy (45mins)
13:30		<b>Opportunities with Nuclear Electrica</b> (Romania)	<b>Opportunities with Rolls Royce</b> (30mins)		<b>EIC Global Update: Nuclear</b> Oliver Barnes (30mins)
14:00					<b>Live Debate: The Energy Sector Skills Debate</b> (60mins) Chair - Andy Storer NAMRC Adrian Worker – ch2m Ed Jackson - Siemens Ali Kadir - Salford University Charity Watkins - Engineering Development Trust Chris Clayton - EICTB
14:30		<b>Repeat Opportunities with Nuclear Electrica</b> (Romania)	<b>Repeat Opportunities with Rolls Royce</b>		
15:00					

Please note that the above agenda is subject to change.

# EIC Connect Advisory Board 2015

The EIC Connect Advisory Board comprises of key participants from operator companies, contractors and leading SME communities and is instrumental in shaping the programme. A number of members are present at the event today and are here to share their expert advice on working in energy sector.



**Chairman:**  
**Bob Bianchi**  
Business Development Director  
(Nuclear), Boulting Group



Bob has worked in a cross section of market segments namely; onshore and offshore Oil & Gas, Petrochemical, Chemical and Nuclear Power Generation. His engineering background was initially in Control & Instrumentation which he later developed into DCS, ESD and Fire & Gas system design, manufacture, installation and commissioning. In Bob's present role as Nuclear Business Development Director of Boulting Group he looks after all business activities associated with the Nuclear New Build and the Existing UK Nuclear sites both generation, fuel and reprocessing.



**Vice-Chairman:**  
**Graham O'Hare**  
Managing Director,  
Roxtec Limited



Graham has been the Managing Director for Roxtec Limited for the past 9 years. Prior to taking this position he was the Commercial Director for an international polymer company. At Roxtec he has led the transformation of the company and spearheaded their development in the oil and gas market. A member of the IET, he also holds a Diploma from the Institute of Directors. In his personal life, he serves as a Borough Councillor and was Chairman of its Governance Committee for four years.

## Members:

- Mike Griffith**, Head of Business Development, GE Renewable Energy
- Sion Edwards**, Strategic Supply Chain Director, Clean Energy, Amec Foster Wheeler
- Steve Lewis**, Sales Manager, Carpenter & Paterson
- Nick Whitcher**, Head of Supply Chain, Centrica Plc
- Chris Squires**, Lead Supply Chain Engagement Manager, EDF Energy
- Ian Birtles**, Business Development Manager, Hertel (UK) Limited
- Ali Qureshi**, Head of Business Development, Iberdrola E&C
- Chris Davies**, Business Development Manager, Legrand Electric Ltd

**Arthur Close**, Director, Strategic Business Development, Schneider Electric Limited  
**Keith MacLean**

If you are interested in joining the next EIC Connect Energy Advisory Board please register your interest with Kim Flynn, National Events Manager:  
T: +44 (0) 1642 379976  
E: kim.flynn@the-eic.com

# SPX FLOW introduces the TWL™ Pump



SPX FLOW, Inc. is rolling out a new generation of turbine driven cooling pumps in many of the world's existing and new nuclear facilities, including Japanese nuclear facilities as they come back on line following the incident at Fukushima in 2011.

Produced by SPX FLOW's Glasgow-based Clydeunion business, the TWL™ pump (Turbine Water Lubricated) is designed to ensure emergency reactor cooling in the event of a complete station blackout and can function when fully submerged in water. The steam-powered pumps feature a unique and compact design, simplified turbine controls, reduced maintenance requirements and crucially, the ability to operate with no external electrical power.

"The TWL™ pump is installed with the intention that it should never need to be used," explains Dr. Colin Elcoate, Vice President of Business Development for SPX FLOW Power and Energy. "It assures emergency reactor cooling under abnormal events including a complete station blackout like the incident at Fukushima in 2011. In some of our newer installations the TWL™ pump is situated in a segregated and independent safety system which provides an extra level of safety assurance and addresses many of the safety issues raised by the Fukushima disaster."

Originally designed for boiler feed service on naval applications, the underlying design of the pump has been supplied as safety equipment in nuclear plants around the world since the 1970s. Since then engineers have continued to develop the design.

"Recently the TWL™ has undergone a complete design review looking at enhancements and improved manufacturing techniques without detracting from the key features and benefits of the existing robust design," according to Randal Patrick, Chief Engineer at SPX FLOW's Glasgow facility.

Fundamental to the TWL™ operation is the mechanical governor and throttle mechanism, requiring no electrical power or pneumatics, as well as a product lubricated bearing system that eliminates the need for an oil system and associated controls.



SPX FLOW's TWL™ (Turbine Water Lubricated) pump

The discharge branch of the pump incorporates a venturi, a flow measurement device fitted in the discharge that is used to monitor flow and pressure. It communicates with the steam side to control the pump and provides a pressure signal proportional to pump flow. The pressure governor converts this 'signal' into mechanical action which acts on the throttle mechanism which controls the steam flow to the turbine.

As there are no electrical speed control devices involved, the TWL starts rapidly on admission of steam and reaches its operating speed in under 10 seconds. The design can accommodate water slugs in the steam line, both at start up and while running with no detrimental effect to the equipment and only momentary interruption of pump performance.

The enhanced safety features integrated in the TWL™ pump offer firm evidence of the focus on safety and represents a clear industry benchmark for the future.

Last month SPX FLOW was awarded the EIC's prestigious Award for Supply Chain Excellence 2015. Reflecting on this award, Dr. Colin Elcoate said, "SPX is proud of its world class engineers in the UK and we are delighted that the quality products and services that they are delivering is recognised by our peers."



The TWL™ pump is designed by Glasgow-based Clydeunion engineers and installed in nuclear facilities globally



## A new dimension for inspection

The Applus Group is recognized as a world leading reference point for quality and integrity in testing, inspection and certification services.

Applus RTD is the group's specialist for non-destructive testing or inspection and delivers cutting-edge technologies, many of which we have pioneered during our 76 years in business with the oil, gas, energy and petrochemical industries.

As a UKAS 17020 Type 'A' fully accredited inspection body, we offer the highest quality service with our experienced staff always aiming to exceed our clients' expectations.

Our offices around the UK enable us to provide the country with the full range of inspection techniques as well as PCN or ASNT Level 3 specialist customer support at short notice.

We look forward to being of service!

Contact Applus RTD UK Ltd. at:

T: 01324-489785

E: [info.uk@applusrtd.com](mailto:info.uk@applusrtd.com)

[www.ApplusRTD.com](http://www.ApplusRTD.com)

## Advanced NDT Solutions

EMAT

Long Range UT

High Temperature UT

Un-piggable Pipeline Inspection Tools

IWEX – 3D Defect Imaging

Digital Radiography

Phased Array

ToFD

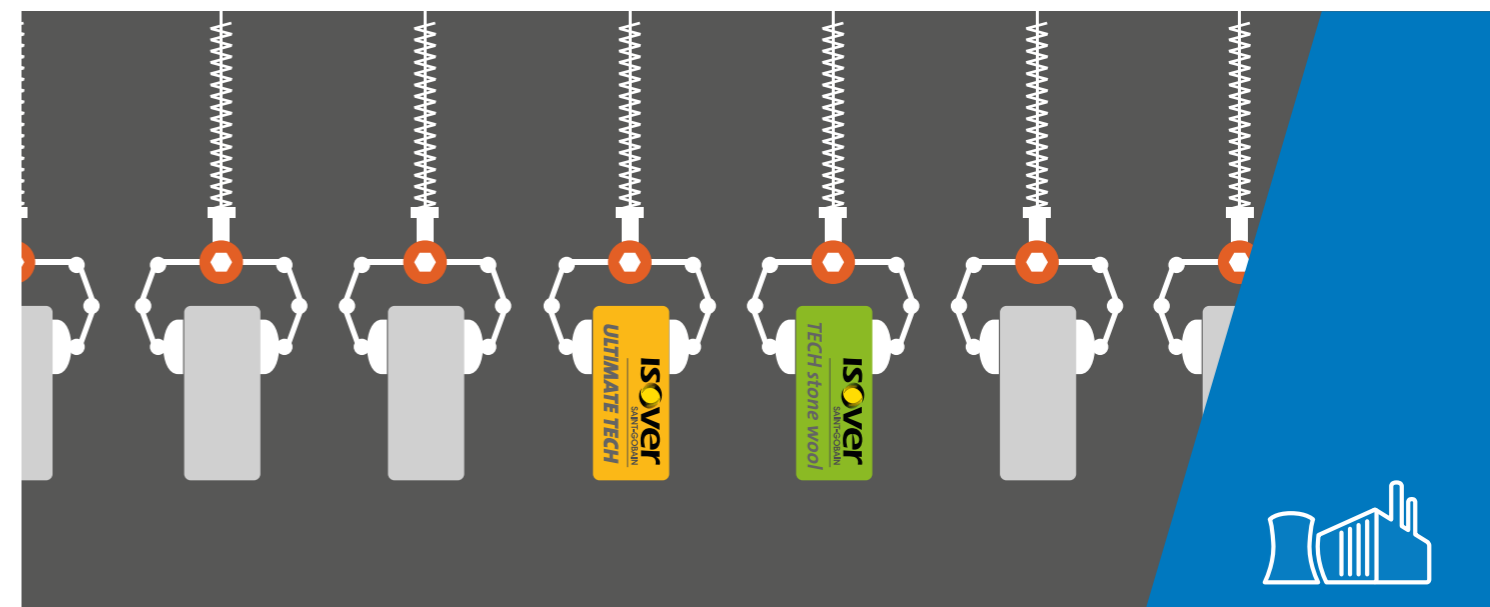
Permanent Monitoring

Pulsed Eddy Current

SLOFEC

MFL

**Applus<sup>+</sup> RTD**  
clear insight



## Not everything is created the same

Introducing the next generation in industrial insulation.



Not all products are created equal. In fact, we've broken the mould with ISOVER TECH and created the most unique product range on the market today. So what comes off our production line is just that. A unique set of products that stand out for all of the right reasons compared to other industrial insulation.

For further information visit [www.isover.co.uk](http://www.isover.co.uk) or email: [techinsulation@saint-gobain.com](mailto:techinsulation@saint-gobain.com)

## Isover TECH Industrial Insulation Solutions



## Conference Programme

Tuesday 24th November

Opening Statement - Conference Room

9.30hrs – 10.00hrs

The Opening Plenary will be chaired by Amisha Patel, the EIC's Head of Power, Nuclear and Renewables who will give a global market overview to set the scene for the event. Amisha will introduce today's guest speaker Matthew Knight and invite questions from the audience.

## Renewables Conference Session – Conference Room

Tuesday 24th November

11.00hrs – 12.15hrs

The Renewables Conference will focus on the current market conditions in Offshore Wind and introduce Wave & Tidal Range projects. Due to the timing of the capacity auction, today's session will focus on the short term opportunities available to UK companies and factors they need to consider in order to successfully do business.

### Plenary Chair:



#### Amisha Patel

*Head of Power, Nuclear and Renewables*



Amisha is the EIC's Head of Power, Nuclear and Renewables. She has been at the organisation since October 2013 and was brought in to lead and develop the newly formed department and grow business intelligence in this area of the business.

Before joining the EIC Amisha worked within ESB International's Asset Development team leading work on key energy policy issues and public affairs. Prior to that, she was Policy Manager in Energy UK's (formerly UKBCSE) strategic policy unit, responsible for the work on energy generation and supply. During her time at Energy UK Amisha worked with the large energy companies to develop the industry's position on the Electricity Market Reform proposals. Previously, Amisha spent over 4 years working on climate change and environmental policy, and delivered member services to the Engineering and Manufacturing sectors at EEF - the manufacturers organisation.

### Keynote Speaker:

## SIEMENS

Siemens has supplied to some of the world's largest wind projects, offering equipment for the entire energy value chain, from the wind turbine to net conversion; efficient feed-in to smart energy grids and power distribution. As a leading equipment manufacturer, Siemens has been developing pioneering wind power technology for more than 30 years, and is currently testing a new generation of larger offshore wind turbines, capable of cost-efficiently generating more wind power.

#### Matthew Knight

*Director of Energy Strategy and Government Affairs*



Matthew Knight is Director of Energy Strategy and Government Affairs for Siemens plc. Siemens provides a range of technologies and services for fossil and renewable electricity generation and transmission, onshore and offshore. Siemens is also involved in finance and development of energy projects. Matthew has a background in grid projects and offshore wind farms.

Matthew is a Board member of Renewable UK, the trade body for wind and marine renewables, and chairs its offshore wind strategy group. He is a Chartered Engineer, a member of the IET's Energy Policy Panel and has been involved in a range of other industry bodies.

### Session Chair:

#### Dr. Keith MacLean

*Dr Keith MacLean is a Chemistry graduate and postgraduate from Heriot-Watt and Hamburg Universities, and an Honorary Fellow of Energy Policy at the University of Exeter.*



Following 8 years at BDF, a chemical company in Germany, Keith returned to Scotland and led a contract research business at IRI before working 20 years at energy utility SSE. He has worked in a broad range of roles in the energy industry and was also responsible for starting-up and running SSE's telecoms business. For the last 10 years he was SSE's Policy and Research Director.

Keith has acted as an advisor on energy policy to both the UK and Scottish Governments and has been involved in many industry advisory and working groups. He is currently Chair of the Energy Research Partnership and was recently appointed Chair of UKERCs Advisory Board. He has been a director of the UK Business Council for Sustainable Energy and its successor, Energy UK, as well as Scottish Renewables, the Micropower Council, BWEA and EWEA.

Keith is founding director of Providence Policy where he works as an independent energy advisor.



**Panelists:**



**Scottish Power** is part of the Iberdrola Group, a global energy company and world leader in wind energy. They operate in the generation, transmission and distribution of electricity, energy management and supply of gas and electricity in the UK.

Iberdrola's Engineering & Construction division are particularly focused on the Offshore Wind Energy sector, though the whole group is also involved in activities in the Ocean Current and Wave Power sector. As a leading contractor, they have the capacity to perform all of the technical tasks required throughout the different project stages, from the support engineering required during the initial phases through to completion of the EPC.

For this session, Ali Qureshi will look to provide the UK supply chain with an insight into their current global activities in Offshore Wind to help paint the overall picture in the market. It is important that SMEs fully appreciate the primary factors that go into a typical offshore wind project In the UK, for example, DECC has requested that all offshore wind developers put a supply chain plan together for their projects and Ali will explain how this is implemented for the East of Anglia One Project as part of his presentation.

**Ali Qureshi**  
*Head of Business Development*



Ali has over twenty years of commercial experience, the last ten in the power utility and construction sector. He has worked internationally and spent twelve years in Spain where he joined Iberdrola. Ali holds a BEng in Industrial Engineering, an MA in Computing, an MBA and is currently reading law.

Ali is a member of the Energy Institute and the EIC Connect Advisory Group.

Ali looks at how Tier 1 EPC contractors can participate with their supply chains; by sharing risk; creating skilled workers and understanding regulation whilst providing a reasonable return to investors.



**Tidal Lagoon Power** brings together an experienced development team specialising in renewable energy, with both UK and international projects experience, all sharing the same ambition to pioneer a large-scale source of indigenous, low carbon electricity that is both affordable and sustainable long-term. The team is supported externally by leading experts across each aspect of development (covering Design, Construction, Technology, Modelling and Planning).

Tidal Lagoon Power's Ioan Jenkins will give an overview of the tidal barrage projects that they are developing and the sustainable future this could offer the UK supply base. He will introduce their Tier 1 companies, through whom all of the supply chain will need to work. He will therefore detail the local content policy for each so that delegates understand the next step to take to get involved in this exciting new energy source.

**Ioan Jenkins**  
*Wales Development Director*



A Welsh speaker with a background in the energy sector and strong track record for the delivery of sound financial and operational results across multi-site environments, Ioan's experience includes more than 12 years at Director/CEO level, managing contracts and generating sustained investment on behalf of organisations including Celtic Energy Limited, Business in the Community, Young Enterprise and BTCV (now trading as The Conservation Volunteers).

Having joined Tidal Lagoon Power in May 2013 as Wales Development Director, Ioan is now responsible for the development of Tidal Lagoon Swansea Bay and Tidal Lagoon Colwyn Bay. He also works closely with Welsh industry and business by leading our commitment to developing a supply chain in Wales and has successfully championed the independent Wales Tidal Industry Advisory Group.



We are one of the leading multi-disciplined engineering, project management and construction organisations in the UK. Our aim is to be our Clients automatic partner of choice by optimising and reinforcing our capabilities through collaboration.

We are part of the global energy group GDF SUEZ and have a heritage of 40 years of successful project delivery to the oil, gas, power and allied industries. Through our values and the quality of our skilled workforce we continue to build on our reputation for providing the best solutions for our clients to achieve their objectives without sacrificing our key principles of quality and safety.

GDF SUEZ is one of the world's foremost energy companies, with 6 operational business lines and an international presence on 5 continents. Cofely Fabricom GDF SUEZ is part of the Energy Services business line which employs 77,500 people worldwide.

**Ron Ellis**  
*Business Development Director*



Responsible for development of UK business strategy and implementation, identifying and developing key opportunities to ensure the business targets are achieved. A Chartered Fellow of the Institute of Management and a Member of the Association of Cost Engineers, with over 25 years of top tier COMAH Industry experience gained in the Oil, Gas, Power and Renewable sectors.



The Manufacturing Advisory Service is now part of the Business Growth Service, a government-backed service offering support to businesses with the potential to improve and grow. We can help you to achieve your potential by identifying barriers to growth and providing tailored support that fits your needs, including coaching, consultancy, mentoring, training, access to finance and export advice.

**Fred Mead**  
*Sector Manager*



**Roxtec Ltd** is the market leader of cable and pipe sealing solutions for a wide range of applications within the energy sector. Roxtec seals are used on buildings and in equipment to prevent damage from water, fire, blast, gas, sand, dust and dirt. They keep rodents out and offer solutions for bonding, grounding and EMC.

Graham will highlight how they are successful supplying into over 40 wind farms across Europe, explaining the key factors that SME's need to consider to win business.

**Graham O'Hare**  
*Managing Director*

(For profile see EIC Connect Advisory Board)





# SUB SEA

## PIPELINE FLANGES

*The Specialist Manufacturer of Sub Sea Flanges and Pipeline Equipment. Swivel Ring Flanges designed and manufactured to Customer specification.*

All Offshore Grades, CRA Clad Carbon Steel, Duplex, Super Duplex, Stainless Steel, 6 Moly

Large stocks of conventional Pipes, Fittings & Flanges available for immediate delivery.

ISO 9001 Approved Company. FPAL Registered.

- SWIVEL RINGS – API and ANSI
- PIPE IN PIPE BULKHEADS
- MANIFOLD BLOCKS
- ANCHOR FLANGES
- BUNDLE COMPONENTS
- RISER FLANGES



## EIC DataStream

A world leader in project tracking that helps our members win new business

### Access for all employees

As long as your company is an EIC member, you and all of your colleagues can use it

### Over 9,000 projects tracked

Find out about key operators, their projects and capital expenditure, to create and convert new leads

### All energy sectors covered

Stay up to date with markets and competitors to help define your business development strategies

### Value for money

Your membership includes use of the database, all updates and support from our analysts

### Data analysis

Search and track, plus build datasets to see trends, learn from histories and estimate costs



## W. Maass (U.K.) Ltd.

Bedford Street, Parr Industrial Estate, St Helens, Merseyside, WA9 1PN

Tel: 01744 453393 • Fax: 01744 451707 • Email: [sales@w-maass.co.uk](mailto:sales@w-maass.co.uk) • Website: [www.w-maass.co.uk](http://www.w-maass.co.uk)



## Conventional Power Session – Conference Room

Tuesday 24th November

14:00hrs to 15:30hrs

Session Chair: Dr. Keith MacLean

This session aims to capture the overall outlook of the current and future market conditions in conventional/thermal power to the UK supply chain to allow them to consider their longer term business goals.

### Panelists:



Centrica is a top 30 FTSE100 company operating predominantly in the UK and North America. Our vision is to be the leading integrated energy company, with customers at our core.

We are active at every stage in the energy chain from sourcing energy to saving it. Our aim is to meet our customers' energy needs and deliver long-term value to our shareholders.

Centrica will outline the latest news from Kings Lynn Power Station, including a case study on the recent retrofit (including lessons learned and challenges to consider on future similar projects) and insight into their longer term plans for the plant.

### Mark Manley

Contracts Manager, Thermal Power Projects

Mark is the Contracts Manager within Centrica's Thermal Power Project's team. He has overall commercial responsibility for the development and implementation of Centrica's major power projects, commencing with developing and issuing pre-qualification questionnaires, contractor selection, award recommendation and ongoing management of contracts throughout execution, handover and close-out. Mark's experience is underpinned by almost 20 years of working in the power industry in a diverse range of commercial roles. In recent years he has been responsible for a number of power projects including handover and close-out of the Langage CCGT power station, development of Centrica's biomass projects, demolition of Roosecote power station and currently the replant of King's Lynn power station and supporting a number of Business Development activities.



## SIEMENS

Siemens has supplied to some of the world's largest wind projects, offering equipment for the entire energy value chain, from the wind turbine to net conversion; efficient feed-in to smart energy grids and power distribution. As a leading equipment manufacturer, Siemens has been developing pioneering wind power technology for more than 30 years, and is currently testing a new generation of larger offshore wind turbines, capable of cost-efficiently generating more wind power.

Siemens presentation will cover the big ticket items required on a European CCGT power plant and a snapshot of future opportunities for suppliers.



**GE Renewable Energy:** we have one of the broadest and deepest renewables portfolios in the industry with operating expertise on the biggest hydro power installed base globally. We are leading the onshore and offshore wind industries with the digital windfarm, pairing our latest hardware with robust software, enhancing performance of assets, creating new value for our customers.

### Christian Merchan

Business Development Manager

### Steve Wildman

Project Director, LNG Projects

Steve Wildman is the Project Director for LNG projects at Dresser-Rand, a Siemens Business.



In this role, Steve is responsible for ensuring Dresser Rand delivers a quality service to its customers, improving operations and focusing on how technology and innovation can be applied to the oil and gas market.

With more than thirty eight years' experience in this sector, Steve has worked with all of the global players, leading multi-disciplinary teams on a number of landmark projects.

Graduating from Brunel University with a degree in Mechanical Engineering, Steve started his career at Ruston Gas Turbines before travelling the world as a commissioning engineer on offshore platforms and desert locations. He has since held several prominent global management positions at Alstom and Siemens.

Steve is passionate about all things engineering and is a key figure within the industry having played an active role in the Energy Industries Council as a non-Executive Director and Board member for the last ten years.



## Nuclear New Build Conference Session – Conference Room

Wednesday 25th November

10.00hrs – 11.15hrs

Nuclear is the only proven low-carbon option for providing the predictable electricity generation the UK needs. It will provide 7% of the UK's generation needs whilst minimising carbon output.

This session aims to capture the overall outlook of the current and future market conditions in nuclear new build for the UK supply chain to allow them to consider their longer term strategy. An update from the UK's 3 main developers of future UK projects will be followed by an explanation of the Supply Chain Optimisation Plan and a snapshot of Small Nuclear Reactors.

### Session Chair:



NUCLEAR AMRC

**The Nuclear Advanced Manufacturing Research Centre** helps UK manufacturers win work in civil nuclear. Combining industry expertise and university innovation, the Nuclear AMRC works with companies to improve manufacturing capabilities and performance for civil nuclear and other innovative energy sectors

### Andy Storer Managing Director

Andrew Storer joined the Nuclear AMRC in October 2015 as managing director. He was programme director for Rolls-Royce's civil nuclear business for the past six years, leading customer engagement and working with new build developers in the UK and overseas. He also leads a number of supply chain development initiatives for the Nuclear Industry Council.

Andy started his career at NEI International Combustion (acquired by Rolls-Royce in 1989), where he worked on conventional power station technology and was also part of the team producing vessels for Sizewell B. He went on to work on submarine reactors for Rolls-Royce and the Ministry of Defence, moving from product design to fleet in-service support, before helping set up the civil nuclear business at Rolls-Royce.



### Presenters:



**Horizon Nuclear Power** is a UK energy company developing a new generation of nuclear power stations. A wholly owned subsidiary of Hitachi Ltd., they plan to provide at least 5,400MW of new power station capacity to the UK, enough to power around 10 million homes. Their projects will create up to 1,000 permanent jobs at each of their sites at Wylfa and Oldbury with a construction workforce of around 4,000 workers for the majority of the time, potentially reaching 8,500 workers during peak periods. This investment will boost the country's low carbon power supplies and help develop local skills and new prospects for British suppliers. Horizon Nuclear Power's Amanda MacMillan will provide an update on the status of their lead project, Wylfa Newydd. Outlining the organisational and business development planning occurring, plus provide details on relevant routes to market for supplier opportunities.

### Amanda MacMillan Industry Engagement Manager



Amanda joined Horizon Nuclear Power in November 2010, having first worked in the Commercial team developing relationships and communications with potential suppliers. In 2013 she took on a new role in the Corporate Affairs directorate, Industry Engagement Manager, and is responsible for the strategic development of engagement and communications with industry stakeholders. She joined Horizon from the Nuclear Industry Association, where she led industry-liaison and engagement with members companies. Prior to her time at the NIA, Amanda spent some 10 years with BNFL, working at the Sellafield site in Cumbria. During her time at Sellafield she held a range of positions including technical encapsulation techniques researcher, radiological safety assessor and government & external stakeholder relations management. A member of the Nuclear Institute, WiN UK and Hitachi's Women Interactive Network.

**Presenters**



**EDF Energy** is part of EDF Group, one of Europe's largest power companies. EDF operate nuclear, gas and coal power stations across the UK and are planning to build two new nuclear power stations at Hinkley Point and Sizewell and a proposed development of a gas power station at Sutton Bridge.

EDF Energy plan to construct Hinkley Point C, a 3,200 MWe nuclear power station with two European Pressurised Reactors in Somerset, England. EDF Energy's Chris Squires will outline the timeframes for the project, their commitment to the project in the longer term and advise UK vendors on the best routes to market.

**Chris Squires**  
*Lead Supply Chain Engagement Manager*



Chris is currently Lead Supply Chain Engagement Manager for EDF Energy's Nuclear New Build Programme in the UK. With over 30 years' experience in construction and civil engineering procurement in both contractor and client roles, Chris gained a Master of Business Administration at the University of Birmingham. Prior to joining EDF, Chris has spent time working with Costain, Carillion, Wimpey Construction, GlaxoSmithKline, London Underground and the Metropolitan Police Service.



**NuGen**, a UK nuclear company, is a joint venture between Toshiba and ENGIE (formerly GDF SUEZ). NuGen's Moorside project aims to develop a new generation nuclear power station of up to 3.6GW on land in West Cumbria, North West England. In August 2014, NuGen re-commenced site assessment work and their presenter will provide an update on timeframes and longer term strategy for the project.

**Gary Shuttleworth**  
*Director of Corporate Affairs*



We play a key role in the UK and global nuclear industry. That means reducing the cost of clean-up and decommissioning, maintaining critical skills and attracting talented new people to the industry.

Since July 2008, we've been providing independent advice to the UK Government and working with other National Laboratories around the world. And delivering a full range of research and technology to support the nuclear fuel cycle.

National Nuclear Laboratory will provide an insight into the benefits of future Small Nuclear Reactors programme in the UK. Some insights from the feasibility study report and an explanation of the Government viewpoints plus areas where the supply chain can potentially get involved in the future.

**Adrian Bull**  
*Director of External Relations*



Adrian Bull is Director of External Relations for the UK National Nuclear Laboratory (NNL). He has responsibility for co-ordinating NNL's external links, communications, profile and reputation across the UK and – increasingly - internationally. As such, Adrian is closely involved with a wide range of stakeholders including politicians, Government officials, media, customers, industry organisations and universities. Prior to taking up this role in 2012, Adrian was Head of Media and Stakeholder Relations for Westinghouse in Europe.



Fit For Nuclear (F4N) offers dedicated support and funding for manufacturing businesses in England to help them measure and improve their readiness to join the UK civil Nuclear supply chain. The programme has been developed by the Nuclear AMRC with the support of its nuclear industry partners, and is delivered to businesses in England in partnership with the Manufacturing Advisory Service (MAS), now part of the Business Growth Service.

**John Ransford**  
*Lead Assessor for Fit For Nuclear (F4N) and Nuclear Sector Lead for the Manufacturing Advisory Service (MAS)*



John is a lean manufacturing specialist with hands on improvement implementation experience, a sound technical background, and over 25 years' experience of implementing quality systems and lean practices for multi-national first tier suppliers to the nuclear, aerospace, automotive and sectors.

He has been involved in over 130 projects in many sectors with diagnostic visits and has identified and achieved combined savings within SME clients of over £30 million.

John will outline the Supply Chain Optimisation Plan to help SME's in the nuclear industry towards maximising their business opportunities.

## Live Debate!

Wednesday 25th November

14:00hrs – 15:00hrs – Conference Room

**Addressing the Skills Gap – Why should SMEs be actively involved now to reduce the impact of the skills gap time bomb?**

We are all used to seeing the newspaper headlines warning of the “Widening Engineering Skills Gap”, particularly when considering the many engineering disciplines.

The latest estimate claims that the UK needs at least 87,000 new engineers each year to bridge the current gap and that more than half of employers searching for engineers are having difficulties recruiting the staff they need for their businesses to expand.

It is now thought that the UK needs to double the number of science, technology, engineering and maths (STEM) graduates it produces in order to meet demand – especially considering that a recent report by the House of Lords Science and Technology Committee, found that almost half of STEM graduates take up employment in non-STEM areas.

In this the last session of the day we are inviting everyone with an interest in making a difference to join the debate and hopefully learn how easy it could be to ensure the future of this important skills set.

### Session Chair:



NUCLEAR AMRC

**Andy Storer**

*Managing Director*

.....  
(see page 20 for profile)

### Presenters:



**CH2M** is one of the world’s leading programme management companies delivering programme/ project management, engineering and consultative services in many high profile large complex programmes including the recent London 2012 Olympic and Paralympic Games.

#### Adrian Worker

*Vice President Commercial and Civil Nuclear Programmes CH2M Europe and MENA*

.....  
Adrian is the Vice President for Commercial and Civil Nuclear Programmes for CH2M Europe and MENA.



Adrian works specifically in the nuclear sector covering decommissioning, waste management and nuclear facility programmes such as nuclear new build.

Historically, Adrian has been involved in developing nuclear programmes worldwide, has set up a start-up business unit that provided significant support to EDF’s UK EPR project involving the delivery of significant amounts of project management, engineering and environmental services and continues through his team to support many nuclear projects including ENEC in the UAE.

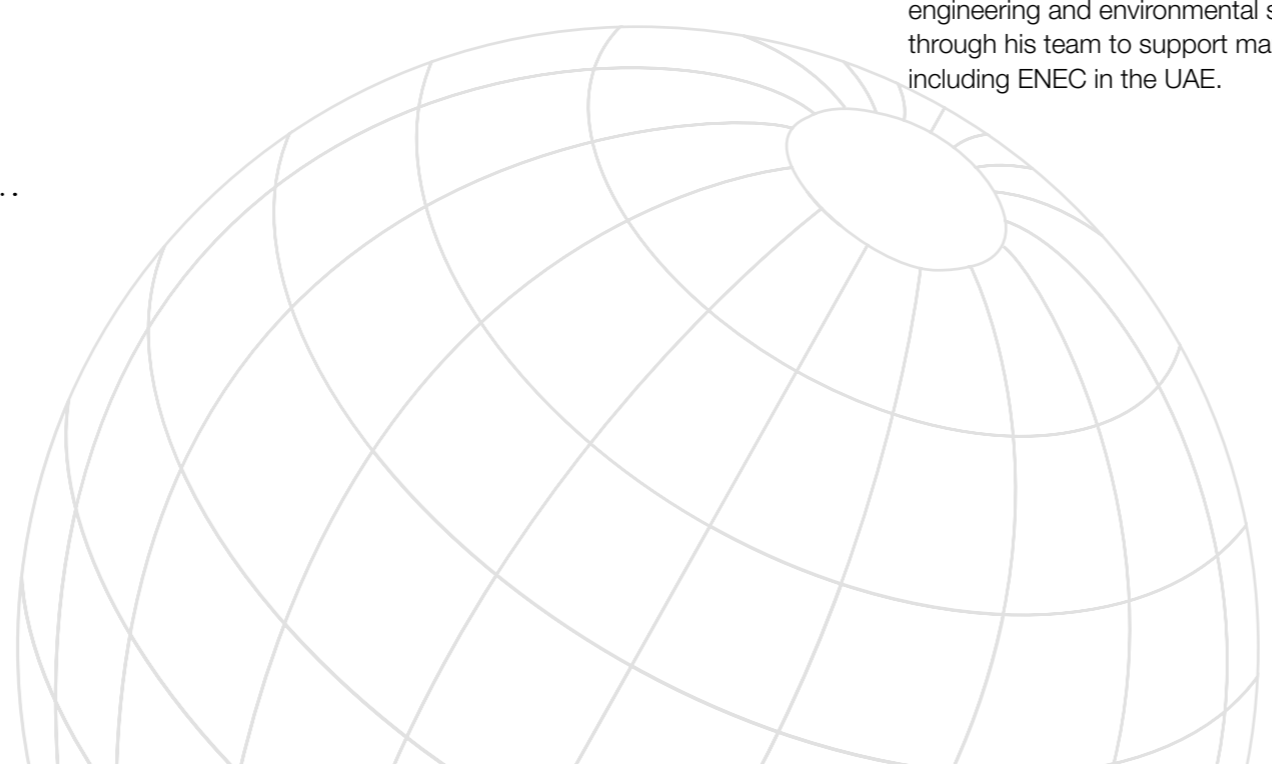


**Siemens** has supplied to some of the world’s largest wind projects, offering equipment for the entire energy value chain, from the wind turbine to net conversion; efficient feed-in to smart energy grids and power distribution. As a leading equipment manufacturer, Siemens has been developing pioneering wind power technology for more than 30 years, and is currently testing a new generation of larger offshore wind turbines, capable of cost-efficiently generating more wind power.

#### Ed Jackson

*Snr Training Manager*

.....  
Ed Jackson has over 11 years in the oil and gas industry, starting in Lincoln manufacturing gas turbines, after following them into the field to install and commission them he moved to a sales role looking after several global markets. Recently, Ed has moved into a training role supporting the development of the commercial teams with both technical and market knowledge.



**Presenters**



**Salford** is an ambitious University, with our 20,000 students contributing enormously to the local economy and our expertise transforming individuals and communities through excellent teaching, research, innovation and engagement.

We are leading in areas, including health, energy, media and the built environment and have completed impressive work with business and industry partners.

**Ali Kadir**  
*Senior Lecturer in Mechanical Engineering*



Ali has taught a variety of subjects including computing, microelectronics, engineering science, finite element analysis and thermodynamics. He has carried out consultancy work in finite element analysis with Wilde and Partners, H2O WasteTech, FEL, Dresser valve and Schlumberger.



**The Engineering Construction Industry Training Board** provides professional advice, information, skills development and qualifications to help individuals within engineering construction succeed in their chosen careers.

Working closely with industry employers, their training programmes and Vocational Qualifications guarantee competence in practical craft and technician occupations as well as the technical, management supervisory, design and project management skills.

**Chris Claydon**  
*Chief Executive*



Chris Claydon will challenge the employers in attendance to look at the skills gap from a more work-based focus, explaining the benefits of this route and how to get involved in Apprenticeships.



Established 30 years ago, the **Engineering Development Trust (EDT)** is a national charity, the largest provider of STEM outreach, working with over 30,000 young people last year between the ages of 11 and 21+. The EDT offers a continuum of tasters, projects, placements and accreditation [www.etrust.org.uk](http://www.etrust.org.uk) and [www.industrialcadets.org.uk](http://www.industrialcadets.org.uk)

Charity Watkins will address the raw material, looking at the vital importance of working with young people from school through to graduate level in order to enthuse today's young people about Engineering in the UK.

**Charity Watkins**  
*EDT Regional Director, North of England*



Joining the EDT in 2001, she worked as the Regional Director in the South West for 11 years before moving to the North in 2012. A Business Studies graduate with extensive experience working with companies of all sizes and different sectors, assisting the companies to identify their needs for both current and future employee attraction, retention and development.



SensorNet is at the forefront of today's cutting-edge leak detection technology providing multi-million pound turnkey solutions to many of the world's leading blue-chip companies.

SensorNet's portfolio of award winning products includes the Sentinel DTS, the Halo DTS and the ruggedized remote-logging Oryx+ DTS. SensorNet's leak detection systems include the patented Automatic Trip Testing System, making us the only company providing this solution the market.

SensorNet is a full solution provider, from system engineering and design, to data interpretation services and post-delivery support agreements. SensorNet's technology is supported by highly qualified and experienced technical and operations teams.

To meet rising demands and ensure supply you need to understand the condition of your network at every point. Our Digital Monitoring solutions will give you continuous and complete certainty.



340 Centennial Park | Centennial Avenue | Elstree | Hertfordshire | WD6 3TJ  
+44 (0) 208 236 2550 | [sales@sensornet.co.uk](mailto:sales@sensornet.co.uk) | <http://www.sensornet.co.uk>

# alfa standard



*design supply install*  
*new-build or retro-fit projects*

## **a global leader in isolated phase busduct systems**

Alfa Standard has been manufacturing busduct systems of the highest quality and reliability for the global market since 1967.

We supply IPB for the smallest to largest of new-build power plant projects, anywhere in the world. Our comprehensive range of products also includes generator terminal enclosures, PT/SA cubicles and segregated/non-segregated phase busducts.

Site modification of IPB for retro-fit projects, such as unit transformer or generator circuit breaker replacement on existing power stations, is another of our specialities.

Well known also for the flexibility and responsiveness of our experienced design and site engineers, we are available to support clients in the UK, Ireland and worldwide.

Please visit us at **STAND No. A46** EIC Connect Energy

For more information please contact Russ Kenrick in our UK office  
T: 0151 222 1745 M: 07963 984 871 E: russ.kenrick@rka-uk.com

[www.alfastandard.it](http://www.alfastandard.it)

## **NEW FOR 2015 - Industry Tasters:**

The EIC's Industry Overviews are one-day courses which provide an overview of a particular sector. Topics currently covered include Power, Subsea, Oil and Gas, Nuclear, LNG and Petrochemicals. These courses are delivered by instructors with considerable experience in the industry and often offer site visits to complement the presentations. Each course is designed for those new to the industry or to a particular sector.

### **Tuesday 24th November 2015**

**The Fundamentals of Conventional Power – Exhibition Theatre 3**

**12:30hrs – 13:15hrs**

E.ON will host this short taster session to give a brief outline of the modern day power plant including relevant terminology, what makes up the bulk of construction, timelines and comparisons between a conventional and CCGT power plant.

### **Wednesday 25th November 2015**

**“How SMEs should do business with International Contractors” – Exhibition Theatre 3**

**09:30hrs – 10:15hrs**

Tassos Sachinis will give an insight into the mind of a Major Contractor's project management model including the key factors that may impact on a supplier's current engagement with international Contractors. This is a fantastic opportunity for new starters in an existing business or graduate engineers to understand Project Management in the industry better.

**The Fundamentals of Nuclear– Exhibition Theatre 3**

**12:00hrs – 12:45hrs**

The EIC's Industry Overviews are one-day courses which provide an overview of a particular sector. This session provides a short taster session giving a brief outline of the Nuclear sector.





## EIC Sector Updates:

The EIC's Business Information Team will provide an update on their respective sectors. This is a great opportunity for existing vendors and industry newcomers to gain a real insight into the overall market conditions.

### Tuesday 24th November 2015

**Renewable Power Update - Exhibition Theatre 3**  
10.30hrs – 11.00hrs

The Renewable specialist from the EIC's Business Information Team will provide an update on global renewable projects and the future market outlook.

**Will Sharkey**, *Sector Analyst, Renewables*

**Conventional Power Update - Exhibition Theatre 3**

15:30hrs – 16:00hrs

The Conventional Power specialist from the EIC's Business Information Team will provide an update on European power projects and the future market outlook.

**Sarah Lister**, *Sector Analyst, CCS*

### Wednesday 25th November 2015

**Oil & Gas Power Update - Exhibition Theatre 3**  
11:00hrs – 11:30hrs

The New Head of Oil & Gas will provide an update on global Oil & Gas projects and the future market outlook.

**Sagar Das**, *Head of Oil & Gas*

**Nuclear Power Update - Exhibition Theatre 3**

15:30hrs – 16:00hrs

The Nuclear specialist from the EIC's Business Information Team will provide an update on global nuclear new build and decommissioning projects and the future market outlook.

**Oliver Barnes**, *Sector Analyst, Nuclear*

**Does your new build need a partner with staying power?** Trust BOC to support you every step of the way.

BOC has a long history of supporting the building of new power stations within the UK. Working with the energy industry as a key strategic partner, we bring over 130 years engineering and gas know how to the table and offer innovative products and services to help drive the success of your project, from inception to conclusion and beyond.

#### Optimising design

By offering advice and consultancy in the early stages, BOCs experts will help you address critical success factors such as process optimisation and the safe operation of gas supply so you can plan for an uninterrupted build.

#### Enabling construction

BOC can help you to enhance productivity during the build phase too. Our robust and reliable supply and distribution network is complemented by innovative products and technical solutions designed to tackle the unique challenges of frequent handling and changeovers.

#### Keeping you operational

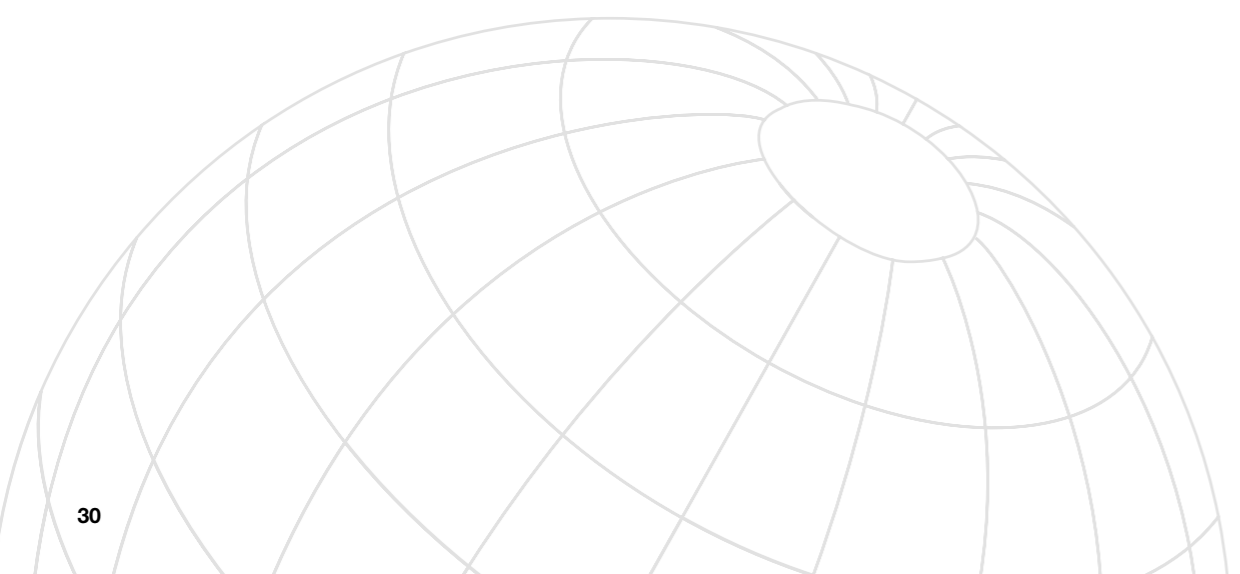
And we don't abandon you when the build is complete. We can deliver cost effective and efficient ongoing operational support, both in terms of a reliable, secure gas supply and planned and preventative operational maintenance solutions.

If you need a partner with staying power, you can call to talk to a member of the energy team or visit our website to find out more about how we can help.

Contact **Jonathan Wilkins**, Key Customer Manager on 07557 318 333 or [jonathan.wilkins@boc.com](mailto:jonathan.wilkins@boc.com). Visit [www.BOCOnline.co.uk/newbuild](http://www.BOCOnline.co.uk/newbuild) for more information.

BOC  
The Priestley Centre, 10 Priestley Road, The Surrey Research Park, Guildford, Surrey GU2 7XY, United Kingdom  
Tel +44 1483 579 857, Fax +44 1483 505 211, [www.BOCOnline.co.uk](http://www.BOCOnline.co.uk)

The stripe symbol and the letters BOC are registered trade marks of The BOC Group Limited. Both BOC Limited and The BOC Group Limited are members of The Linde Group, the parent company of which is Linde AG. Reproduction without permission is strictly prohibited. © BOC Limited 2015





## Supply Chain Briefings

### Tuesday 24th November

## SIEMENS

**Siemens** has supplied to some of the world's largest wind projects, offering equipment for the entire energy value chain, from the wind turbine to net conversion; efficient feed-in to smart energy grids and power distribution. As a leading equipment manufacturer, Siemens has been developing pioneering wind power technology for more than 30 years, and is currently testing a new generation of larger offshore wind turbines, capable of cost-efficiently generating more wind power.



**ELNOS BL** is a company operating in the sphere of electric power supply. We specialize in design and engineering of electric power supply network, sales of electric power supply material and equipment, as well as production of certain parts of equipment for electric power distribution and transmission. We use our professional skills to integrate a broad range of high-tech products and services into the fields of power supply industry, manufacturing and construction.



**GE Renewable Energy:** we have one of the broadest and deepest renewables portfolios in the industry with operating expertise on the biggest hydro power installed base globally. We are leading the onshore and offshore wind industries with the digital windfarm, pairing our latest hardware with robust software, enhancing performance of assets, creating new value for our customers.



**KRÁLOVOPOLSKÁ RIA Company** continues in the established longstanding tradition of the company founded in 1889. The company is presently well known in the Czech corporate environment.

The joint-stock company KRÁLOVOPOLSKÁ RIA, the equipment supplier, is focused on deliveries and implementation of large engineering structures, deliveries of technological units and facilities for nuclear and classic power plants, deliveries for chemical and petrochemical industry and deliveries for water management. The company is involved in both the domestic and foreign markets.



Incorporated in 2013 **Galata Renova Energy** has the objective to produce energy from renewable sources in Turkey and abroad. The limited natural traditional energy sources such as coal, oil and gas, the concentration of such fuels in few countries and their impact on the environment, draw the focus of Galata Renova's shareholders to look for widely available alternative energy such as solar, wind, hydro and biomass whose impact is nearly neutral to nature.

### Wednesday 25th November



**VÍTKOVICE MACHINERY GROUP** is one of the most important Czech engineering groups with a strong position in selected segments of machinery production and in the area of supplies of large investment assemblies. It incorporates approximately thirty companies. The group disposes of a modern, extensive and unique production base and know-how based on research and development.



**Doosan Power Systems** builds, maintains and extends the life of power plants across the world. From advanced turbine design and boiler technologies to comprehensive after-build services, Doosan offers a breadth of capabilities spanning both traditional and renewable fuels, as well as the industrial and petrochemical sectors.

Doosan has over 50 years' experience in high integrity nuclear projects, with considerable experience gained in the construction of new nuclear plants in Korea. As a major EPC contractor, Doosan has the engineering capability to manufacture major components of a nuclear power plant such as the nuclear reactor, steam generator and RCP.

Doosan will cover DPS global technologies; nuclear projects, worldwide installations, and procurement processes, drilling down for the supply chain on their future projects.



**NUCLEARELECTRICA**

**Nuclearelectrica** is a state owned company from Romania. The main activity fields of SNN SA are centered on the generation of electrical and thermal power, and manufacturing of nuclear fuel. SNN SA also coordinates the investment-development activities as well as the human resources training and optimization.

SN Nuclearelectrica SA has two branches:

- Cernavoda NPP Division operating Cernavoda NPP Units 1 and 2 and the auxiliary services and performing the preservation of Unit 3, 4 & 5 until completion and commissioning;
- FCN - Pitesti, the Nuclear Fuel Plant - manufacturing nuclear fuel for Cernavoda NPP Units 1 & 2



**Rolls-Royce** provides the highest quality nuclear solutions and support services spanning the reactor lifecycle, from concept design through to obsolescence management and plant life extension.

New build programmes demand effective supply chain solutions. With extensive certified supply chain expertise, we are currently broadening and strengthening our network of nuclear suppliers.

**Actavo**

**A34**

Unit C, Cedar Court Office Park  
Denby Dale Road  
Calder Grove  
Wakefield  
WF4 3QZ



Katie Bell  
katiebell@deborahservices.co.uk  
07831 654230

Actavo – Industrial Division, formally known as Deborah Services Limited, are a leading provider of Industrial Services throughout the UK, Ireland and Kazakhstan. We specialise in access solutions, including rope access, insulation, protective coatings, fire protection, asbestos removal, industrial cleaning and inspection services.

**Addleshaw Goddard LLP** SPONSOR

Milton Gate  
60 Chiswell Street  
London  
EC14 4AG



John Emerton  
John.emerton@addleshawgoddard.com  
07921 940147  
www.addleshawgoddard.com

Wherever innovation is happening in the global energy market, Addleshaw Goddard's International Energy and Utilities Group is at the forefront, helping our clients to anticipate and respond to change and to identify and capitalise on opportunities. We have extensive experience around power generation and renewable energies acting for clients all over the world on an extremely diverse portfolio of matters across the sector.

**Amec Foster Wheeler**

**A51**

4th Floor  
Old Change House  
128 Queen Victoria Street  
London  
EC4V 4BJ



Chloe Richards  
Chloe.richards@amecfw.com  
020 7429 7500  
www.amecfw.com

Amec Foster Wheeler designs, delivers and maintains strategic and complex assets for its customers globally in the mining, clean energy, power generation, pharma, environment and infrastructure markets.

With over 40,000 employees in more than 50 countries, Amec Foster Wheeler has the knowledge and skills to deliver projects safely whatever the territory or the technical challenge.

**Applus RTD UK Limited**

**A48**

Units 2c & 3d  
West Mains Industrial Estate  
Grangemouth  
FK3 8YE



Rennie Smith  
Info.uk@applusrtd.com  
01324 489785  
www.applusrtd.com

Applus RTD offers bespoke NDT solutions using advanced methods, which we have pioneered for the oil, gas, energy and petrochemical industries during our 76 years in business.

As a UKAS 17020 Type 'A' accredited inspection body, we offer the highest quality service with the aim of exceeding our clients' expectations.

**Advanced Valve Solutions UK**

**A30**

Electra House  
Electra Way  
Crewe  
Cheshire  
CW1 6GL



Rik Barry  
Rik.barry@advancedvalvesolutions.co.uk  
07875 504667  
www.advancedvalvesolutions.co.uk

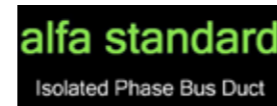
Advanced Valve Solutions (AVS) was established in 1999 and has since earned an unparalleled reputation for supplying specialist valves and equipment into some of the most demanding industrial applications. Our team of experienced engineers have been delivering tailor made engineered solutions to our customers in the Power, Petrochemical, and Oil & Gas markets.

Over the years AVS has gained intimate knowledge in the specification and selection of complete valve packages including control valves, isolation valves and made to measure process solutions.

**Alfa Standard**

**A46**

C/O Russ Kenrick Associates  
Maghull Business Park  
1 Liverpool Road North  
Maghull  
Liverpool  
L31 2HB



Russ Kenrick  
Russ.kenrick@rka-uk.com  
0151 222 1745  
www.alfastandard.it

With almost 50 years' experience, Alfa Standard is a global leader in the supply and installation of isolated phase, segregated phase and non-segregated phase busduct systems.

All projects, from the smallest retro-fit on existing power plants to the largest new-build projects, are completed with the highest standard of quality and reliability to optimise equipment performance throughout its working life.

**Austin Hayes Ltd**

**A8**

Carlton Works  
Cemetery Road  
Yeadon  
Leeds  
West Yorkshire  
LS19 7BD



Julie Bickerdyke  
Julie.bickerdyke@austinhayes.com  
0113 2502255  
www.austinhayes.com

We provide specialist application of protective surface coatings for equipment operating in extreme environmental conditions such as off-shore and subsea.

Services include:  
Abrasive Blasting - Paint Spraying - Thermal Metal Spraying - Dry Film Coating - Refurbishment

Operatives are trained and certified as ICATS and SSPC coatings applicators

**AVEVA**

**A27**

Suite 7  
Venture House  
Venture Way  
Dunston Technology Park  
Chesterfield  
S41 8NR



Sarah Appleby  
Sarah.appleby@aveva.com  
01246 572326  
www.aveva.com

AVEVA software has enabled the creation of some of the world's most complex power and process plants and offshore facilities. AVEVA's Digital Asset approach ensures there is always an accurate digital representation of each physical asset. This allows engineering contractors and Owner Operators to work more safely, more efficiently and with less risk throughout the life cycle of their projects.

**Bergen Pipe Supports**

A21

Unit 22, West Stone  
Berry Hill Industrial Estate  
Droitwich  
Worcestershire  
WR9 9AS



Maria-Jesus Menchaca  
Maria-Jesus.menchaca@pipesupports.com  
01905 795500  
www.pipesupports.com

Global Supplier of Pipe Support Equipment

Bergen Pipe Supports is a global operation combining the best engineering solutions with the highest level of technical and commercial excellence.

With sales and manufacturing plants across Europe, USA, Thailand and India, the company meets the exacting requirements of the power generation, oil, gas, petro-chemical, LNG and renewables industry worldwide.

**BOC**

SPONSOR

The Priestley Centre  
The Surrey Research Park  
Guildford  
Surrey  
GU2 7XY



Neil McIndoe  
Neil.mcindoe@boc.com  
07774 131367  
www.boconline.co.uk

BOC, member of the Linde Group, offers a complete and unique solution to the power generation industry delivering products and services through its UK supply network. BOC uses a tailored approach to all Energy related new build projects incorporating gases distribution systems and all associated construction and operational gas supply.

**Carpenter & Paterson Ltd**

A31

Crown Works  
Welshpool  
Powys  
SY21 7BE



Steve Lewis  
Steve.lewis@cp-ltd.co.uk  
07889 967553  
www.cp-ltd.co.uk

Carpenter & Paterson Ltd are specialists in the design and supply of Pipe Suspension Equipment and associated steelwork fabrication. Established in the UK in 1956 Carpenter & Paterson has become established as one of the world's leading Pipe Support Companies.

**Crucial Visual Communications**

A53

36-38 Baltic Street  
Montrose  
Angus  
DD10 8EX



Tim Dixon  
tim@designiscrucial.com  
01674 660166  
www.crucialviscom.com

Utilising the latest digital technologies we develop effective communications and learning solutions, specialising in computer generated imagery, 3D modelling, animation, film, software, apps and virtual reality. We produce training, corporate and business development materials, workforce engagement safety campaigns, interactive incident scenarios, e-learning, safety inductions, lessons learned systems and HSE data mining tools.

**Booth Welsh**

A11

3 Riverside Way  
Irvine  
Ayrshire  
KA11 5DJ



Gary Mutter  
Gary.mutter@boothwelsh.co.uk  
0345 0344 344  
www.boothwelsh.co.uk

Booth Welsh is an engineering services company and is part of the Clough group. The company has over 250 personnel and uniquely provides integrated engineering services in process, electrical, control & instrumentation design, systems integration, asset management services and technical recruitment across the entire asset lifecycle.

**Busch (UK) Ltd**

A52

30 Hortonwood  
Telford  
Shropshire  
TF1 7YB



Liam Crimmins  
sales@busch.co.uk  
01952 677432  
www.busch.co.uk

Busch vacuum pumps and systems is one of the largest manufacturers of vacuum and low pressure pumps and blowers in the world, drawing on more than 50 years' experience. Our products are available with a variety of advanced design features, enabling our customers to benefit from the most applicable and cost effective solutions.

**Emerson**

A50 & SPONSOR

2 Pit Hey Place  
West Pimbo  
Skelmersdale  
Lancashire  
WN8 9PG



Alan Caunce  
Alan.caunce@emerson.com  
01695 713641  
www.emerson.com

With 125 years of leadership in developing reliability-enhancing technologies and services. Emerson is a diversified global manufacturing company that brings technology and engineering together to provide innovative solutions to customers throughout the nuclear and industrial world.

**Firetrace International**

A6

Unit 11, IO Centre  
Salbrook Road  
Salfords  
Surrey  
RH1 5DY



Neil Hussey  
nhussey@firetrace.com  
01293 780390  
www.firetrace.com

Firetrace offers special hazard fire protection for O&G risk areas. Firetrace E4 engineered total flooding systems feature 3MTM Novec™ 1230 Fire Protection Fluid. Firetrace also offers FM-200/HFC-227ea engineered systems. Firetrace pre-engineered systems are ideal for protecting such critical assets as electrical panels, generator enclosures, engine bays and test equipment.

**GF Piping Systems**

**A7**

Paradise Way  
Coventry  
West Midlands  
CV2 2ST



Simon Alder  
Simon.alder@georgfischer.com  
02476 535535  
www.uk/gfps.com

GF offers a comprehensive range of piping system components for use in pressure piping applications for fluids & gases. A full range of plastics pipe, fittings and valves is complemented by a range of actuators and process control equipment. Also available is a comprehensive range of pipe jointing equipment.

**GT Group**

**A49**

3 Traynor Way  
Whitehouse Business Park  
Peterlee  
Co. Durham  
SR8 2RU



Sean Donkin  
Sean.donkin@gtgroup.co.uk  
0191 5862366  
www.gtgroup.co.uk

GT Group is recognised as a world class product development and engineering company spanning various industries and applications.

Exhibiting are:

Alpha Process Controls – Offering a range of products such as breakaway couplings, drybreak couplings and loading arms for LPG, LNG and Cryogenics.

GT Project Engineering – sub contract design, fabrication, machining, turnkey projects and site services

**Legrand Electric Limited**

**A23**

Great King Street North  
Birmingham  
B19 2LF



Chris Davies  
Chris.davies@legrand.co.uk  
0370 608 9000  
www.legrand.co.uk

Legrand is a world leading manufacturer of cable management systems.

Its Swifts cable ladder and perforated tray, Salamandre distribution trunking and Cablofil steel wire tray ranges have been specified and installed by the energy industry in projects across the globe.

**Lokring Northern**

**A10**

Unit 5 Block 2  
Souterhead Rd  
Altens Ind Est  
Aberdeen  
AB12 3LF



Donal Heery  
dheery@lokring.com  
01224 878877  
www.lokring.com

LOKRING designs and produces the most advanced fluid and gas transfer connectors on the market today.

Using patented Elastic Strain Pre-load (ESP) technology Lokring fittings provide a mechanical Butt-Weld equivalent connection in minutes without the requirement for hot-work activity.

**Heat Trace Limited**

**A5**

Mere's Edge  
Chester Road  
Helsby  
Frodsham  
WA6 0DJ



Michael Dicker  
michael.dicker@heat-trace.com  
01928 726451  
www.heat-trace.com

Heat Trace is an innovative British manufacturer of heat tracing solutions. Winning the 2014 Queen's Award for Innovation for their continuing development of heating cables, HTL are developing a range of heaters that can be used in nuclear power stations, that provide both technical and commercial benefits over current technology.

**Iberdrola Engineering & Construction**

**A20**

Glasgow Atlantic Quay Office  
1 Atlantic Quay  
Robertson Street  
Glasgow  
G2 8SP



Ali Qureshi  
0141 248 8200  
www.iberdrola.es

IBERDROLA Engineering & Construction (IEC), founded in 1995, is one of the world's major power engineering companies, present in more than 57 countries. In 2010 the Company's portfolio of projects surpassed two billion Euros. More than 80% of this portfolio resides abroad, a reflection of the company's international activity. IEC is a wholly owned subsidiary of IBERDROLA, one of the largest energy groups in the world. IEC executes turn-key projects in the areas of Conventional, Nuclear and Renewable Energies and Grid Networks worldwide, with a high content of technology and innovation.

**Merit Holdings Limited**

**A47**

3 Silvertown Court  
Northumberland Business Park  
Cramlington  
NE23 7RY



Chris Berriman  
Chris.berriman@meritpe.co.uk  
07930 385396  
www.meritpe.co.uk

Merit delivers:  
Mechanical and EC&I installations - Heating and cooling installations - Chiller replacement and upgrades - Packaged plantroom pre-fabrication - ChP/Energy Centre pre-fabrication and installation - Design and installation of mechanical and process systems - Turnkey D&B cleanroom and pharmaceutical facilities

Across a range of industries:  
Nuclear - EfW/Green Technologies - Pharmaceutical - Process industries - Commercial - Retail - Healthcare

**Nuclear AMRC**

**A4**

Brunel Way  
Catcliffe  
Rotherham  
S60 5WG



Julia Critten  
Julia.critten@namrc.co.uk  
0114 2229954  
www.namrc.co.uk

The Nuclear Advanced Manufacturing Research Centre helps UK manufacturers win work in civil nuclear. Combining industry expertise and university innovation, the Nuclear AMRC works with companies to improve manufacturing capabilities and performance for civil nuclear and other innovative energy sectors.

**Optical Metrology Services Ltd**

A38

Unit 9, M11 Business Link  
Parsonage Lane  
Stansted  
Essex  
CM23 4BW



David Gray  
david.gray@omsmeasure.com  
07814 740197  
www.omsmeasure.com

OMS are Queens Award-winning innovators of measurement and inspection technology that help clients manage assets. Our unique difference is the ability to provide quantitative dimensional information as well as qualitative visual information. The resulting data can be used to make important decisions about assets, save time and meet project specifications.

**Orbital**

A39

Cold Meece  
Stone  
Staffordshire  
ST15 0QN



Jack Ridge  
Jack.ridge@orbital-uk.com  
01782 857000  
www.orbital-uk.com

Orbital are a leading manufacturer & Gas Systems integrator supplying innovative products and services to industry. Orbital offer Fiscal metering systems, Gas Chromatography systems, Fast acting Energy Flow measurement, Emissions/Gas Analysis, world-class Sampling Systems and RTU's. Visit Orbital to discuss any of our services and to see our Innovative GasPTi - Natural Gas rapid CV analyser.

**Rolevet Ltd**

A16

Ashland Street  
Wolverhampton  
WV3 0BN



Andy Clark  
andrew@rolevet.com  
01902 421252  
www.rolevet.com

Rolevet are a leading manufacturer of specialist industrial fasteners, specialising in Non-standard and bespoke to customer specifications. Manufacturing from specialist alloys, duplex stainless steels and high nickel alloys.

Our manufacturing facility incorporates a hot-forging section alongside a fully equipped CNC-Workshop, resulting in Rolevet offering the complete fastener supply solution.

**Rolls-Royce Civil Nuclear – New Build and Nuclear Projects**

A9

PO Box 2000  
Raynesway  
Derby  
DE21 7XX



Neil Weatherstone  
Neil.weatherstone@rolls-royce.com  
01332 759908  
www.rolls-royce.com

Rolls-Royce provides the highest quality nuclear solutions and support services spanning the reactor lifecycle, from concept design through to obsolescence management and plant life extension.

New build programmes demand effective supply chain solutions. With extensive certified supply chain expertise, we are currently broadening and strengthening our network of nuclear suppliers.

**PTG Precision Engineers Ltd**

A12

Meadow Cose  
Langage Industrial Estate  
Plympton  
Plymouth  
PL7 5EX



Martin Beer  
Martin.beer@ptgltd.co.uk  
01752 344379  
www.ptgltd.co.uk

PTG Precision Engineers Ltd are specialists in Machine to Print components and in recent years have progressively upgraded plant, machinery and methods to align the company to the demanding world of Nuclear Engineering. The company has been working in the Nuclear Industry for the last eight years and has built up a portfolio of Blue Chip customers across the industry.

**Rochem Technical Services Ltd**

A15

Unit 5-6  
Sun Valley Business Park  
Winchester  
SO23 0LB



David Brand  
sales@rochem.net  
01962 890089  
www.rochem.net

Rochem Technical Services Ltd designs, supports and manufactures gas turbine and process compressor off-line/on-crank cleaning systems using our patented atomising injection nozzle system and FYREWASH® chemical. Rochem has been serving the gas turbine and process compressor OEM and end-user since 1978 with in excess of 9000 gas turbine cleaning systems installed.

**Roxtec Ltd**

SPONSOR

Unit C1  
Waterfold Business Park  
Bury  
BL9 7BQ



Gavin Cornall  
info@uk.roxtec.com  
0161 7615280  
www.roxtec.com

Roxtec Ltd is the market leader of cable and pipe sealing solutions for a wide range of applications within the energy sector. Roxtec seals are used on buildings and in equipment to prevent damage from water, fire, blast, gas, sand, dust and dirt. They keep rodents out and offer solutions for bonding, grounding and EMC.

**Saint-Gobain Isover**

A19

Whitehouse Industrial Estate  
Runcorn  
WA7 3DP



Michael Hunter  
techinsulation@saint-gobain.com  
0115 696 8009  
www.isover.co.uk

Worldwide construction products manufacturer Saint-Gobain Isover, has launched its innovative range in the UK, specifically designed to reduce operational expenditure in the power, energy and renewables sector. Isover's new TECH insulation solutions are proven to provide more efficient insulation for tanks, boilers, and high temperature process equipment.

**Sensornet Ltd**

**A13**

340 Centennial Park  
Centennial Avenue  
Elstree  
Hertfordshire  
WD6 3TJ



Melvyn Collins  
sales@sensornet.co.uk  
020 8236 2555  
www.sensornet.co.uk

Launched in 1998, Sensornet provides the world's most advanced asset monitoring solutions, using real-time distributed temperature measuring systems.

Sensornet's award winning technology is supported by a highly qualified and experienced technical, operations and management team, which has provided multi-million dollar turnkey solutions to many of the world's leading blue-chip companies. From system engineering and design, to data interpretation services and post-delivery support agreements, Sensornet is a full solution provider.

**Siemens**

**A22**

Faraday House  
Sir William Siemens Square  
Frimley  
Camberley  
GU16 8QD



Michelle Gregory  
Michelle.gregory@siemens.com  
www.siemens.com

Siemens has supplied to some of the world's largest wind projects, offering equipment for the entire energy value chain, from the wind turbine to net conversion; efficient feed-in to smart energy grids and power distribution. As a leading equipment manufacturer, Siemens has been developing pioneering wind power technology for more than 30 years, and is currently testing a new generation of larger offshore wind turbines, capable of cost-efficiently generating more wind power.

**Strategic Power Systems, Inc**

**A18**

Warwick Innovation Centre  
Warwick Technology Parl  
Gallows Hill  
Warwick CV34 6UW



Jon Willis  
Jon.willis@spsinc.com  
07827 892488  
www.spsinc.com

SPS®' philosophy is Data First. We are experts in the field of data collection, validation, analysis and benchmarking.

Unique to SPS is our Operational Reliability Analysis Program or ORAP®, a powerful database that allows for data capture from global power plants. There is no system in the world that collects power plant data in such a comprehensive way as ORAP.

SPS will be highlighting our ORAP RAM and Data Analytics services which provide key performance metrics or (KPIs), to power plant owners, operators, (OEMs) and other industry stakeholders, allowing them to make informed business decisions relating to the performance of their equipment.

**W. MAASS (UK) Ltd**

**A26**

Bedford Street  
Parr Industrial Estate  
St. Helens  
Merseyside  
WA9 1PN



Lee McAdam  
Lee@w-maass.co.uk  
01744 453393  
www.w-maass.co.uk

W.MAASS (UK) Ltd are a specialist manufacturer and stockholder of pipe flanges and subsea pipeline equipment serving the requirements of the oil, petrochemical and process related industries. Material grades supplied include stainless steels, duplex, super duplex, CRA clad carbon steels and nickel alloys.

**SSE Open4Business**

**A14**

Perth Training Centre  
Ruthvenfield Way  
Inveralmond Industrial Estate  
Perth  
Scotland  
PH1 4NH



Duncan Black  
Duncan.1.black@sse.com  
01738 453646  
www.o4b-pennine.com

As a supply chain development initiative, SSE Open4Business exists to advertise opportunities arising in our supply chain and that of our contractors and to give suppliers a chance to respond and become part of large energy projects and assets in the Pennine area.

**Sterling Quality Services**

**A17**

7 The Boulevard  
Chester Road  
Hazel Grove  
Stockport  
SK7 5PA



Lisa Roberts  
lisaroberts@sqqs.co.uk  
0161 419 9998  
www.sqs.co.uk

Sterling Quality Services (SQS) are world leaders in their field of providing Independent Inspection, Expediting and Quality Assurance services to Oil & Gas, Petrochem, Power Generation, Wind, Mining and Marine Industry sectors.

With offices in the UK, USA and Australia, SQS offer specialist services around the globe 24/7, 365 days a year.

**WIKA Instruments Limited**

**A35**

4 Gatton Park Business Centre  
Wells Place  
Merstham  
Redhill  
Surrey  
RH1 3LG



Lewis Evans  
Info@wika.co.uk  
01737 644008  
www.wika.co.uk

WIKA Instruments Limited is the UK subsidiary of the world's leading manufacturer of pressure, temperature, level, flow and related calibration instruments. WIKA has built a reputation as a renowned partner and competent specialist for any task in the field of measurement technology.





# EIC | CONNECT 2016

EIC Connect is all about Opportunities to:

- > Network with key industry leaders
- > Hear about key Operators and Contractors future plans, high value opportunities and areas of growth
- > Join an Exclusive Exhibition
- > Book a One to One Appointment
- > Place your company ahead of the rest as an event sponsor.



This one-day event will focus on opportunities for UK companies across the Middle East's Oil, Gas & Power sector. The event offers a low-cost route to market for companies wishing to explore the export opportunities in the region.



This two-day event will focus on global opportunities for UK companies in the Oil & Gas sector. There will be a search for new and innovative technologies as companies look to maximise the value for money in everything they do.



**MERIT HOLDINGS IS A MULTI-DISCIPLINED ENGINEERING/CONSTRUCTION COMPANY PROVIDING SERVICES ACROSS A RANGE OF INDUSTRIES.**






COMMERCIAL • RETAIL • EFW/GREEN TECHNOLOGIES • WWT • PHARMACEUTICAL • NUCLEAR • PROCESS INDUSTRIES • HEALTHCARE

<p><b>MAIN BUSINESS ACTIVITIES INCLUDE</b></p> <ul style="list-style-type: none"> <li>Prefabricated and modular solutions - 9,000m2 fabrication facility</li> <li>Packaged plant room prefabrication</li> <li>CHP/Energy Centre prefabrication and Installation</li> <li>Pipe Bridges and Pump Skids design, fabrication &amp; installation</li> <li>Mechanical and EC&amp;I installations</li> </ul>	<ul style="list-style-type: none"> <li>Heating and cooling installations/ refurbishments</li> <li>Chiller replacement/upgrades</li> <li>Design and installation of mechanical and process systems</li> <li>Turnkey design/build of cleanroom and pharmaceutical facilities</li> </ul>	<p><b>CONTACT</b></p> <p><b>Chris Berriman</b> Business Development Director Merit Holdings Limited 3 Silverton Court Northumberland Business Park Cramlington NE23 7RY Chris.berriman@meritpe.co.uk Mobile: 07930 385 396</p>
---	---	--



## EXHIBIT

**Stands are sold in 9sq.m increments and include:**

- > 2 full delegate places
- > 2 x places to an exclusive networking event
- > Shell scheme, furniture and electrical package
- > Web and print promotional opportunities

## SPONSOR

**Highly visible, sponsorship opportunities that each include:**

- > 2 full delegate places
- > 2 x places to an exclusive networking event
- > Web and print promotional opportunities

## ATTEND

**Delegate places include:**

- > Learn about high-value opportunities on global energy projects
- > Identify future markets and areas of growth
- > Book one-2-one appointments with buyers
- > Multiple networking opportunities with industry peers
- > Copies of the presentations after the event
- > Working lunch and refreshments



**FOR MORE INFORMATION: [www.the-eic.com/eicconnect](http://www.the-eic.com/eicconnect)**







EIC | CONNECT

# Energy 2015

Supply Chain Event & Conference

24-25 November, Manchester Central, UK



## About the EIC

The EIC is the leading trade association providing dedicated services to help members understand, identify and pursue business opportunities globally. Established in 1943, the EIC is a not-for-profit organisation with a membership of over 700 UK registered companies who deliver goods and services to the energy industries worldwide.

Our goal is to put our members first and serve them well, providing one of the most comprehensive sources of energy projects and business intelligence in the energy sector today. The EIC is renowned for excellence in the provision of services that unlock opportunities for our members, helping the supply chain to win business across the globe.

The EIC  
89 Albert Embankment  
London, SE1 7TP  
Tel +44 (0)20 7091 8600  
info@the-eic.com  
www.the-eic.com



@TheEICEnergy #eicconnect



Energy Industries Council (EIC)