Organised by: oliver kinross

29th & 30th January, etc. Venues St. Pauls, London

www.smuksummit.com

6th Annual
SMART ENERGY UK & EUROPE 2015

The Leading & Largest Event in European Smart Metering and Grids

60+ Top Level Speakers  400+ Delegates  30+ Booth Exhibition

Developments, Challenges and Opportunities in Smart Technology for Utilities

• A must attend Industry Leading Event in European Smart Metering and Smart Grids
• Unprecedented Networking with the key stakeholders in European energy
• Hear Expert’s Strategies from the project leaders in smart metering
• The Most Comprehensive 2 day streamed programme featuring 5 conferences
• 30 + Booth Exhibition space showcasing the latest technologies in smart metering, grids, energy storage and more
• Discuss Business & Partnership Opportunities in the comfort of a Central London venue
• Benefit from Case Study Insights from the a huge range of UK & European Utilities

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BRONZE SPONSOR

TEL  +44 (0)207 127 4501  FAX  +44 (0)207 127 4503  EMAIL  info@oliverkinross.com
Further details on exhibiting at the event are available upon request. Every year the exhibition space is a sell out! Exhibition space is now very limited!

Follow @OliverKinross1 or #SMUK to join the conference buzz!
Located next to St. Paul’s Cathedral and The Barbican, ETC. Venue’s St. Paul’s is easily accessible by excellent transportation links in the heart of England’s Capital City.

Venue

etc. venues St. Paul’s
Address
200 Aldersgate, St Paul’s, London EC1A 4HD, UK
Contact Number
020 3011 0830
Website
www.etcvenues.co.uk/venues/stpauls

Accommodation

The Montcalm
Montcalm Hotel (5 Star): 52 Chiswell Street, EC1Y 4SA

Discounted Rates
Discounted rates start at £192 per room per night (inc. VAT, room only) or £210 per room per night (inc. VAT & Breakfast)
Website
http://www.themontcalm.com/

Booking Instructions
Bookings must be made directly via reservations by calling +44 (0) 207 479 2233 or email reservations@montcalm.co.uk Please use the booking code OLIV280115 when making your reservation.

Release dates
Rooms will only be guaranteed until 7 January 2015. After this date rooms will become subject to availability, therefore please get in touch as soon as you can. Each guest is required to guarantee the booking with own credit/debit card. Individual Cancellation policy – 14 days prior to arrival date, 1 nights charge if cancelled within cxl period
Other nearby hotels can be located using www.hotels.com

Visa Information
Many countries require a visa to enter the United Kingdom on either business or tourist visas. Please click on the following link to see if your nationality require a visa to enter the country; http://www.ukba.homeoffice.gov.uk/visas-immigration/visiting/business/visa/. Should you need a visa, please follow the instructions on this page; http://www.ukba.homeoffice.gov.uk/visas-immigration/visiting/business/apply/.

Please use the above links are guides only, and for official confirmation of your visa needs/requirements get in touch with your local UK embassy.
VENUE INFORMATION

Public Transport

Our 200 Aldersgate venue is conveniently located in the heart of the City, right next to London Wall and the Museum of London. Just 5 minutes from both Barbican and St Paul’s tube stations, and 10 minutes from Farringdon and Moorgate. Our venue overlooks the Museum of London, so follow signs to the Museum and you will find our venue right next door.

By Underground, St Paul’s - Central line
On exiting the station follow St Martin Le-Grand north towards Aldersgate Street and the Museum of London. When you arrive at the Museum of London roundabout our venue is located on the left. Look for the circular artwork in the window and go through the revolving doors.

By Underground, Barbican - Circle, Metropolitan and Hammersmith & City lines
On exiting the station turn right on to Aldersgate Street. Follow Aldersgate Street south towards London Wall and the Museum of London. As you arrive at the roundabout for Museum of London our venue is on the right. Cross over the zebra crossing and look for the circular artwork in the window and go through the revolving doors to reception.

By Train
Aldersgate is located near Moorgate and Farringdon railway stations, and is around a 10 minute walk from both.

By Bus
The closest bus stop is at the Museum of London and is served directly by the number 4 and 56. Other services also serve Barbican and St Pauls and our venue is a short walk from both these locations.

The nearest ‘Boris Bike’ docking stations are located directly outside 200 Aldersgate and adjacent to the Museum of London.

Parking
The closest car park is located next to the venue at 158 – 170 London Wall. As you arrive at the roundabout for Museum of London our venue is located on the left. Look for the circular artwork in the window and go through the revolving doors to reception.

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For any further information required, please contact Alexandra Tusder on +44 (0) 207 065 5514 or alexandra@oliverkinross.com
The 5th Annual Smart Metering UK & Europe Summit took place at ETC Venues in the City of London on 27th & 28th January. Over 400 delegates attended over the two days for the most successful and largest event covering UK and European Smart Metering & Grids in the UK. The event hosted over 60 presentations including the esteemed speakers from the Department of Energy and Climate Change, Ofgem, European Commission, National Grid, British Gas, E.ON, Npower, Scottish and Southern Energy, EDF Energy, Scottish Power and many more.

We would like to thank all attendees and our 27 sponsors for attending this sold out event and for making the event our most successful to date.

Highlights of the programme included updates from DECC on the Smart Metering Implementation Programme, Ofgem’s view of Consumer Protection in the future smart meter market, updates from the UK’s Big 6 Utilities, plus 12 presentations from the leading Water Utilities on the benefits and outlook for smart water metering.

The European Smart Metering Awards recognized excellence and achievement in European Smart Metering projects and technologies. Over 200 industry executives took part in Europe’s leading networking event for the Smart Metering Industry.

**UTILITIES AWARD CATEGORIES**

**Roll Out innovation Award**
Scottish Power

**Customer Services Innovation Award**
Scottish Power

**Utility of the Year**
British Gas

**SOLUTION PROVIDER OF THE YEAR**

Network and Communications Award
Telefonica

Home Energy Monitor Award
Chameleon Technology

Smart Metering Technology of the Year
Siemens

Smart Metering Data Management Solution
Opower

Smart Metering Service Provider Award
TOA Technology

Innovation of the Year
Current Cost

Smart Water Metering Innovation of the Year
Home rider Systems

Cyber Security Award
NXP Semiconductors

Congratulations to our 2014 Winners!
2015 ADVISORY COMMITTEE

HENRIK MAGNUSSON, Technical Strategy Manager for the Future Networks team, Scottish and Southern Energy

JEREMY HEATH, Network Manager, Sutton and East Surrey Water Plc

PAUL GLASS, Metering Change Manager, Anglian Water

CHARLES HEALEY, Metering Manager, South East Water

ANDY SLATER, Director Marketing EMEA & Asia Pacific, Sensus

ZOE MCLEOD, Senior Manager, Vulnerable Consumers, Ofgem

ROBIN LANE, Head of Strategy, Smart Metering, Arqiva

LORENZO COLOVINI, Sales & Market Development Manager, Enel Distribuzione S.p.A

PAUL FITZGERALD, Sales Director, Junifer Systems

PHILIP LEWIS, CEO & Founder, VaasaETT

DR. JERRY BRYAN, Chairman, Albion Water

2015 SPEAKERS

FEATURING SPEAKERS FROM THE UK’S LEADING UTILITIES:

NEIL PENNINGTON, Director of Smart Innovation, RWE npower

SIMON HARRISON, Product Innovation, Technology and Triallling Manager, RWE npower

STEFAN LEEDHAM, Industry & Government Manager - Smart Metering Programme, EDF Energy

SENIOR LEVEL REPRESENTATIVE TBC, British Gas

SENIOR LEVEL REPRESENTATIVE TBC, Scottish Power

JEAN FIDDES, Head of Solution and Value, Smart Metering, E.On UK

+ MORE TO BE CONFIRMED

ALSO FEATURING ADDITIONAL TOP LEVEL SPEAKERS, INCLUDING:

DANIEL BARRETT, Environment Unit, Development, Greater London Authority

JIM DICK, Senior VP, Strategic Marketing, Johnson Electric

RHIANNON GREY, Balancing Analyst, National Grid

FRANTIŠEK MÜLLER, Process optimization and project expert, CEZ Distribucni služby

JOHAN ANDER, Head of Large Programs, Fortum

ROBERT DENDA, Smart Metering Project Coordinator, Endesa

MARTA HUERTA ARRIBAS, Demand side Management Department, Red Electrica de España

WILLEM STRABBING, Managing Director, ESMIG

SPEAKER TBC, Affinity Water

SPEAKER TBC, Delhi Metering

NEIL HARPER, Operational Development Manager - Metering and Connection, United Utilities

ROSIE MCGLYNN, Smart Meter Policy & Project Manager, Energy UK

VLADIMIR SULC, CEO, Microrisc

LORENZO COLOVINI, Business Development Manager, Enel Distribuzione S.p.A

EVO STEFANOV, Managing Director, Methodia Inc.

ANTONIO BUONDONNO, Head Of Europe and the Americas Business Development, Enel Distribuzione S.p.A

PAVLA MANDATOVA, Advisor, EURELECTRIC

LOURENS KOOPMANS, Head of Business Development Information and Communication Technology Europe, TÜV Rheinland Group

ANDERS BIRKE, Lead IT Architect, DONG Energy

MARIELLE LIKANEN, Senior Advisor, Swedish Energy Markets Inspectorate

NICK HEYWARD, Project Director - Smarter Network Storage, UK Power Networks

JESSICA STROMBACK, Executive Director, Smart Energy Data Coalition (SEDC)

SPEAKER TBC, Holley Metering

SPEAKER TBC, Macquarie

GILLES THONET, PhD, Managing Director Europe, ZigBee Alliance

LUCA LO SCHIAVO, Deputy Director – Infrastructure Regulatory Division, Italian Regulatory Authority for Electricity Gas & Water

LIZ LAINÉ, Head of Smart & Sustainable Energy, Citizens Advice

PHILIP LEWIS, CEO & Founder, VaasaETT

MICHAEL JOHN, Senior Security Consultant, ENCS

JOHN WEBSTER, Vice President of Marketing & Strategy, EMEA, Opower

JEREMY YAPP, Deputy Director, Smart Metering, BEAMA

PHIL HACK, Head of Strategic Projects, UK Power Networks

KARIN WIDEGREN, Director, The Swedish Coordination Council for Smart Grid

MARK BLASMAN, Smart Grid Business Development, Jomar Softcorp International

SIMON MURRAY, Business Development Manager, Homerider Systems

DAVID ROBINSON, Head of Networks, Veolia Water

+ MORE TO BE CONFIRMED

DORA GUZELVA, Head of Networks Policy, Ofgem

BART SCHOONBAERT, Senior Manager Consumer Policy, Ofgem

DARON WALKER, Senior Responsible Owner - Smart Metering Implementation Programme, Department of Energy & Climate Change (DECC)

JONATHAN SIMCOCK, Managing Director, Data Communications Company (DCC)

CLAIRE MAUGHAM, Director of Communications, Smart Energy GB

CONSTANTINA FILIOU, Smart Grids Team, DG Energy, European Commission

NICCI RUSSELL, Director of Parliamentary and Public Affairs, OFWAT
The UK smart metering machine has whirred into gear and roll-outs across the union have begun in earnest. This conference, now in its 6th year, will examine the developments and challenges currently arising in smart metering projects. Speakers will again include DECC, Ofgem, the “Big Six” Energy Suppliers, and energy utilities from across the UK to share strategies and examine policy and look at the next steps in smart metering.

Over the past 6 years Europe has witnessed great progress in its Smart Metering projects. Now utilities are looking to further these smart initiatives and opportunities in the sector continue to grow. This conference will present experiences and lessons from completed rollouts and look towards new project developments. Some of Europe’s biggest utilities will be sharing their experiences alongside the smaller and more innovative companies giving their views and opinion on a rapidly changing energy landscape.

Water Metering in the UK is on the brink of a big change. The next phases in Metering innovation and development will concern the provision and billing of Water to UK customers. Over the past 3 years this event has developed into one of the leading forums for the UK’s water utilities to discuss the next steps in smart water metering. Speakers will include OFWAT, Water Utilities from across the UK and the main technology companies involved in Smart water metering projects.

Due to the increasing integration of renewable energy sources on the grid the global energy storage market is expanding. Energy storage technologies will play an important role in ensuring the EU has a low carbon future. This growth is preceded by the continued development of smart grid infrastructure and as such the energy storage market will increase to $19 billion by 2017. The Energy Storage Conference will bring together Europe’s experts on the matter to discuss current business models for energy storage solutions and the progress of energy storage projects around the world.
08.00 Registration & Coffee

09.00 Opening Plenary Session: Welcoming address from Oliver Kinross
Opening speech from special guest speaker

09.20 Chairman’s Opening Remarks

09.30 An Update from the Department of Energy and Climate Change on the Smart Metering Implementation Programme
• Programme overview
• Progress and key developments in the industry-wide delivery programme
• Preparing for Initial Live Operations

Daron Walker, Senior Responsible Owner - Smart Metering Implementation Programme, Department of Energy & Climate Change (DECC)

09.35 TOU Billing Since 2009 INTEGRATION Strategy for AMI, MDM, CIS and ERP
• Visibility to Meter Inventory
• Meter Configuration History
• Single SHARED Premise/Meter Profile - AMI, MDM, CIS
• Real Time Meter State Changes
• Service Order Processing
• Billing Quantity Request’s
• MDM, CIS Integration
• Account, Tariff, Meter Changes
• Settlement – NSLS
• Interval based Cost of Energy

Mark Blasman, Smart Grid Business Development - Jomar Softcorp International

10.05 Wireless Mesh Networks. Expectations and Reality.
• Wireless mesh networks - nightmare, challenge or economic solution?
• Fast data aggregation in mesh networks - where is the problem?
• Low power mesh network - extra? ultra? how to define low (power)?
• AMRs as a service?

Vladimir Sule, CEO, Microrisc

10.05 Energy Storage Solutions for the UK
• Allowing power to flow both ways can develop the smarter grid
• Localizing energy generation
• Integrating renewables – allowing communities to secure their own energy

10.40 Refreshments & Networking Break

11.00 European Smart Energy Overview: Developments and Obstacles - Are we on course?
• The state of play
• Current barriers
• Consumer concerns
• Best practices

Willem Strabbing, Managing Director, ESMIG

11.00 Case studies on Energy Storage Possibilities
• Global examples of energy storage innovation
• Lessons for Europe and the UK
• Challenges in Europe – regulation, the current grid

Follow @OliverKinross1 or #SMUK to join the conference buzz!
RIIO innovation – Requirements, challenges and what next following the German energy landscape

Delivering a fair price

Project Introduction

Recent research findings & analysis

How will this affect the role of engaged GB households

Strategies for market positioning

How the connection will setting price controls

Outlook for the future of regulation for battery experiences of consumer reaction

Lessons for Europe

Future developments; Smart Grid Standards at a glance

Putting the customer first - Germany's energy introduction of TÜV

What will the future community opportunities and challenges

National Grid electricity challenges in investing in a what will be the technological predictions in customer

5 working in partnership to justifying the cost of the

Roll Out in the UK

The Retail Market Review of Smart Metering

• RIIO innovation – network regulation

• Setting price controls

• Delivering a fair price for consumers

Dora Guzeleva, Head of Networks Policy, Ofgem

The Consumer Engagement Plan: Supporting the GB Smart Meter Roll Out

• Engaging GB households with the GB smart meter roll out throughout 2015

• Working in partnership to communicate the benefits of Smart to every consumer

Claire Maugham, Director of Communications, Smart Energy GB

Presentation Slot Reserved for Macquarie - Gold Sponsor

Lunch

Panel Discussion: Achieving Regulatory Compliance whilst Ensuring a Superior Customer Experience

• Putting the customer first - what are their key concerns?

• Gaining new customers and retaining customer base

• Are utilities more consumer focused than ever? - what more can still be done?

Panelists:

Steve Rowe, Head of Regulation & Compliance, Co-operative Energy

Rosie McGlynn, Smart Meter Policy & Project Manager, Energy UK

Panelist TBC

Panelist TBC

The Smart Meter Roll Out in the UK

• Challenges in investing in a mass smart meter roll out

• Smart metering deployment updates in the UK - 2019 to 2020

• Justifying the cost of the roll out to the consumer

Senior Level Speaker TBC, British Gas

Investment of the Meter Value: Next Steps Post-Connection

• What next following the connection?

• How the connection will alter end user behaviour

• Recent research findings & analysis

• What to do next with collected meter values?

Johan Ander, Head of Large Programs, Fortum

Presentation Slot Reserved for Methodia - Gold Sponsor

Lunch

Customer Research: Case Study Findings & Analysis

• Project Introduction

• Findings from customer research study; findings, conclusions, lessons?

• Challenges & successes in the study

• Future developments; predictions, requirements

Marielle Liikanen, Senior Advisor, Swedish Energy Market Inspectorate

Customer Response to Real Time Pricing

• The REE real time pricing scheme: prices for small consumers

• Update of developments/findings

• Experiences of consumer reaction

• Predictions in customer response in 2015

Marta Huerta Arribas, Demand Side Management Department, Red Eléctrica de España

Standards for the 21st Century in Smart Grid

• Introduction of TÜV Rheinland Group

• Smart Grid Standards at a glance

• ZigBee Smart Energy 1.2 in the UK

• Case study Japan

• Testing and Certification

Lourens Koopmans, Head of Business Development Information and Communication Technology Europe, TÜV Rheinland Group & Gilles Thonet, Managing Director Europe, ZigBee Alliance

Energy storage for balancing the GB electricity system

• Challenges for GB System Operator in the changing energy landscape

• Opportunities and challenges for electricity storage

• Optimal combination of balancing tools

• National Grid electricity storage case study

Rhiannon Grey, Balancing Analyst, National Grid

Perspectives and Requirements for Energy Storage in the German Market

• Germany’s energy storage requirements

• The German energy landscape – integrated renewables

• Lessons for Europe

• Technologies and solutions for an integrated energy system

Battery Based Energy Storage: Utility, Residential and Industrial Options

• Regulation for battery based storage

• Moving towards the renewable grid

The Future Role of Energy Self-Sufficient Solutions

• What will the future community and home look like in the energy storage context?

• How will this affect the role of the utility and consumer?

• What will be the technological developments that get us there? What needs to happen?

• Requirements, challenges and precedent across Europe

The Competitive Landscape for Energy Storage

• Strategies for market positioning

• Outlook for the future of a competitive sector

Refreshments & Networking Break
15.05 Energy Efficiency and Control in Smart Meters
- Electric Disconnect relays
  1. Exceeding UC3 requirements
  2. Highest safety and tamper resistance
- Gas shut off valves
  1. Highest grid efficiency
  2. Longest battery life for pre paid meters

Jim Dick, Senior VP, Strategic Marketing, Johnson Electric

15.40 Refreshments & Networking Break

16.15 Presentation Slot Reserved
Jeremy Yapp, Deputy Director, Smart Metering, BEAMA

16.50 Panel Discussion: The Consumer Challenge - the Road to Engagement
- What will the customer be getting? - A new meter or a new experience?
- What makes smart meters attractive?
- How do we convince consumers to maximise the potential?
- Could we over sell the proposition?
- Awareness of different consumer groups - recognising their needs, evolving perceptions, earning trust
- Will smart metering improve trust in suppliers?

Panelists:
Chris Welby, Policy & Regulatory Affairs Director, Good Energy
Claire Maugham, Director of Communications, Smart Energy GB
Liz Lainé, Head of Smart & Sustainable Energy, Citizens Advice
Philip Lewis, CEO & Founder, VaasaETT
Jean Fiddes, Head of Solution and Value, Smart Metering, E.ON UK

17.00 Panel & Open Audience Discussion

17.30 Close of Conference Day 1

18.00 Drinks Reception followed by the Industry Awards Gala Dinner

15.50 Updates on Spain’s Smart Meter Roll Out: An Endesa Case Study
- Spain’s current positioning on smart metering
- What have been the key challenges and successes so far?
- How has the consumer engagement element been tackled?
- Predictions, lessons, and requirements for the road ahead

Robert Denda, Smart Metering Project Coordinator, Endesa

16.25 Italy’s Smart Meter Overview and Lessons for the EU’s Emerging Roll Out Countries
- What are the current challenges the utilities face?
- How have consumers reacted and how are they being engaged?
- What are the lessons to build on for future projects in Italy and elsewhere in Europe?

Antonio Buondonno, Head Of Europe and the Americas Business Development, Enel Distribuzione S.p.A

16.25 Case Study: Battery Storage in Homes Giving Customers More Control Ever than Bill
- Connections to solar
- Case studies from California and Australia
- Battery technologies in use today and applications to the UK and European markets

17.00 Chairman’s Closing Remarks

17.10 Close of Conference Day 1

18.00 Drinks Reception followed by the Industry Awards Gala Dinner
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<tr>
<th>Time</th>
<th>Session</th>
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<td>08.00</td>
<td>Registration &amp; Coffee</td>
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<td>Opening Plenary Session: Welcoming address from Oliver Kinross</td>
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<td>09.20</td>
<td>Chairman’s Opening Remarks</td>
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<tr>
<td>09.30</td>
<td>Smart Programme Design</td>
<td>Stefán Leedham, Industry &amp; Government Manager, EDF Energy</td>
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<td></td>
<td>• Approach, strategy, cooperation</td>
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<td>• Forming business models</td>
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<td>• Obstacles on the horizon</td>
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<td>• Regulatory considerations</td>
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<td>• Consumer involvement &amp; impression</td>
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<td>10.05</td>
<td>Case Study: Scottish Power</td>
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<td>• Developing the HAN technologies for all building types</td>
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<td>• Moving from foundation to mass roll out - key areas of focus</td>
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<td>10.40</td>
<td>Refreshments &amp; Networking</td>
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<td>11.00</td>
<td>A Customer Service Strategy for Water Metering</td>
<td>Neil Pennington, Director of Smart Innovation, RWE npower</td>
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<td>• An update on Nest</td>
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<td>• The “Internet of Things” - How does the concept effect the development of consumer engagement strategies?</td>
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<td>• Challenges &amp; successes - experiences so far</td>
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<td>• The outlook for 2015</td>
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<td>10.05</td>
<td>The Smart Water Metering Landscape in 2015: Opportunities and Challenges</td>
<td>Jeremy Heath, Network Manager, Sutton and East Surrey Water</td>
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<td>• Projects and current developments</td>
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<td>• Methods and technologies of water metering</td>
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<td>• How do water companies foresee handling the customer service side of smart metering?</td>
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<td>• Lessons and next steps in smart water metering</td>
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<td>• The scope for incorporating water metering into the current smart metering paradigm</td>
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<td>Finding the Best Means to Respond to Security Threats</td>
<td>Michael John, Senior Security Consultant, ENCS (European Network for Cyber Security)</td>
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<td>• The scope of cyber threats in the 21st century</td>
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<td>• Tapping into new solutions and new technology to combat cyber threats</td>
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<td>• Perspective from the European Network for Cyber Security (ENCS)</td>
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<td>• Local Optimization of Consumption Against Local Generation as a Smart Solution</td>
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<td>Expo Milan 2015 Smart Grid: an Innovative Implementation of Active Energy Management in a Meshed Grid</td>
<td>Lorenzo Colovini, Business Development Manager, Enel Distribuzione S.p.A</td>
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Follow @OliverKinross1 or #SMUK to join the conference buzz!
Examples from the UAE – How Do They Manage Water Usage?
- Dubai case study on smart water metering
- A smart water metering in a high water use country
- Lessons for water metering in the UK

Presentation Slot Reserved
Simon Murray, Business Development Manager, Homerider Systems

Panel Discussion: Water Utilities
- What are the main challenges facing water utilities in implementing smart water metering?
- How can the water sector be better at implementing innovation in water metering?
- What are the key lessons from UK smart power meter roll outs?
- What current UK projects can the rest of the UK learn from?

Panel Host:
Jeremy Heath, Network Manager, Sutton and East Surrey Water
Panelists:
Nicci Russell, Director of Parliamentary and Public Affairs, OFWAT
Joanne Fielding-Cooke, Head of Insight, Southern Water
Neil Harper, Metering Strategy Manager, United Utilities
Panelist TBC

Generating Revenue and Retaining Contestable Customers with AMR
- Projects and successes of AMR
- Retaining customers through AMR benefits
- The customer angle of AMR

Speaker TBC, Affinity Water

Smart Water Metering
Experiences and Challenges
- Overview of United Utilities Water Metering Schemes
- Challenges and Developments Through Installation
- Customer Response - Strategies
- Conclusions and Future Projects

Neil Harper, Metering Strategy Manager, United Utilities

Combating Cyber Threats During Smart Grid Deployment in Europe
- Smart grid deployment and increased vulnerability
- Challenges in securing the smart grid
- the European Energy ISAC
- Steps towards improving cyber resilience in the European energy infrastructure

Bert Heerbaart, Program Manager, DENSEK

The Swedish Road Map for Smart Grid – a National Perspective on Future Challenges and Possibilities
Karina Widegren, Director, The Swedish Coordination Council for Smart Grid

Smart Grids Demonstration and Deployment in Italy - the regulatory initiatives
- The challenge dimension: 24 GW of distributed RES in Italy
- Regulatory requirements on DG units for system security
- The Regulator’s approach to innovation
- Pilot projects for smart grid, storage, multiutility smart metering
- Next steps: towards output-based incentives for smart grid deployment
- Next steps: towards a role for storage in the balancing and ancillary service market

Luca Lo Schiavo, Deputy Director – Infrastructure Regulatory Division, Italian Regulatory Authority for Electricity Gas & Water
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>15.50</td>
<td>Smart Metering Device Assurance – providing confidence in smart metering</td>
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<td>device interoperability</td>
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<td>• Energy UK will reconfirm the benefits of SMDA testing</td>
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<td>• Energy UK will provide a summary of the SMDA</td>
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<td>RFP project outcomes</td>
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<td>• Energy UK will provide an update on the SMDA Scheme</td>
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<td>Operator RFP process</td>
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<td>Rosie McGlynn, Smart Meter Policy &amp; Project Manager, Energy UK</td>
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<tr>
<td>16.25</td>
<td>How to reduce your smart meter rental!</td>
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<td>• What are the cost leavers</td>
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<td>• Choosing the right hardware</td>
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<td>• What’s the warranty worth?</td>
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<td>• The value of Churn agreements</td>
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<td>Phil Hack, Head of Strategic Projects, UK Power Networks</td>
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<td>17.00</td>
<td>Chairman’s Closing Remarks</td>
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<td>17.10</td>
<td>Close of Conference</td>
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<tr>
<td>15.55</td>
<td>New Water Bill: Implications for Utilities and Innovation in Water</td>
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<td>Metering</td>
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<td>• Examining the new water</td>
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<td>bill and what it means for</td>
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<td>innovation and future roll outs</td>
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<td>• Challenges and opportunities</td>
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<td>• Overview of the regulatory</td>
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<td>landscape for water metering</td>
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<td>16.30</td>
<td>Competition in the New Water Retail Market</td>
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<td>• How prepared are current water companies for new competition in the</td>
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<td>• Analysis of the reforms – what this means for utilities</td>
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<td>• Priorities for utilities - retain existing customers/</td>
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<td>gain new business</td>
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<td>• Developing a strategy – defensive priority? The wholesale market?</td>
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<td>• Smart water metering – a consumer engagement strategy?</td>
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<td>15.50</td>
<td>London’s Future Energy System</td>
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<td>• Efficient and responsive</td>
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<td>• Absorbing additional pressure whilst reducing carbon impact</td>
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<td>Daniel Barrett, Enviroment Unit, Greater London Authority</td>
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<td>15.30</td>
<td>Refreshments &amp; Networking Break</td>
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<td>15.50</td>
<td>A Living Laboratory – Testing smart energy solutions in</td>
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<td>Bristol’s Smart City Programme</td>
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<td>• Bristol futures brings together green, digital and European</td>
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<td>agendas to support the city’s future success. Creative,</td>
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<td>entrepreneurial, outward</td>
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<td>facing, agile: actively seeking opportunities, funding and</td>
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<td>productive partnerships (internal &amp; external)</td>
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<td>• Brand new ‘city innovation’ team: employing digital technology to</td>
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<td>create a sustainable, inclusive, prosperous smart city</td>
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<td>• Digital infrastructure: digital innovation: digital inclusion</td>
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<td>• Brings together green, digital and European agendas to support the</td>
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<td>city’s future success</td>
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<td>Jon Brookes, Project Coordinator, Bristol City Council</td>
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<td>16.25</td>
<td>The Virtual Power Plant Project: A DONG case study</td>
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<td>• Plans for increased wind power capacity in Denmark &amp; the EU</td>
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<td>• Wind as a variable power source &amp; Integration challenges</td>
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<td>• Updates on the VPP - experiences, latest project</td>
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<td>findings &amp; analysis</td>
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<td>• The future for wind power integration</td>
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<td>Anders Birke, Lead IT Architect, DONG Energy</td>
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