

Grid Asset Management 2019

14 – 16 May | London, UK

Data-Driven Asset Management to Support Smart Investment Planning and Optimised Lifecycle Management

3-Day Conference, Exhibition & Networking Forum
14-16 May 2019 | London, United Kingdom



In-depth Insights On:

- ✓ **Digitalization Roadmaps:** developing an implementation plan that delivers next-generation digital asset management capability at minimal cost and disruption to daily operations
- ✓ **Change Management:** empowering teams to adopt new asset management processes and practices to ensure long term departmental success in a data-driven environment
- ✓ **Strategic Investment Planning:** leveraging advanced modelling tools and quantitative risk management frameworks to maximize asset lifecycles and optimize investment budgets
- ✓ **Digital Operations:** digitalizing field-forces and back-office process to reduce OPEX and facilitate centralized, standardized decision-making
- ✓ **Online Condition-Monitoring:** rolling-out affordable condition-monitoring solutions across networks to support advanced, real-time predictive maintenance based on accurate asset health data
- ✓ **Technology Innovations:** evaluating the potential of UAVs, AR and Digital Twin to transform asset management planning & operations

14+ Utility Case Studies:

David Ringmar
Director Network Strategy & Development
Vattenfall

Erica Niemi
Head of Asset Management Strategy & Support
Svenska Kraftnät

Matt Webb
Head of Asset Information
UK Power Networks

Slawomir Noske
Head of Innovation Department
ENERGA-OPERATOR

Uroš Kerin
Senior Expert Advisor – Asset Management
ELES

Christian Schorn
Director Asset Management & Operations
TransnetBW

Ricardo Prata
Subdirector Assets & Data Analysis Unit
EDP Distribuição

David Šafář
Head of Grid Management & Strategic Projects
E.ON Česká Republika

Turo Ihonen
Maintenance and Safety Manager
Elenia

Maxi Faridi
Innovation Engineer
UK Power Networks

Joris Soens
Head of Assets & Grid Architecture
Fluvius

Christian Schroeder
Manager Smart Assets
E.ON

Craig McTaggart
RIIO-T2 Investment Manager
SP Energy Networks

Very Early Bird Discount!
Register before 22nd February
€400 off delegate passes
€2000 off exhibition spaces

Expert Advice from:

Christian Ahn Albertsen
Watson IoT & Industry 4.0 Practice Leader and Consultant
IBM Global Business Services

Neill Guha
Senior Manager Costs & Outputs
Ofgem

Alfonso Abella
Asset Management 4.0 Global Topic Leader
Boston Consulting Group

Miha Grabner
Data Scientist
Milan Vidmar Electric Power Research Institute

Santiago Gallego
Asset Management 4.0 Global Expert
Boston Consulting Group

Technology Innovations from:

Roberto Candela
CEO
Prysmian Electronics

Paul Davis
Executive Partner
IBM

Luc Hossenlopp
CTO Energy Digital Solutions
Schneider Electric

Supporting Partners:



Platinum Sponsor:



Silver Sponsor:



Produced by:



Dear Colleague,

Welcome to the inaugural [Grid Asset Management 2019](#) conference, exhibition, and networking forum. Aimed at asset management teams from smart grid utilities, this 3-day event provides a comprehensive toolkit for the digitalization of the asset management function.

Our in-depth, independent, and utility-centric research has revealed digitalizing asset management to be a crucial strategic priority for smart grid utilities in order to meet intense regulatory and financial pressures. As digital and IT technology converges with utilities traditional OT environment, there is a significant opportunity to reduce CAPEX and OPEX through smarter investment planning and advanced management of asset lifecycles.

Join 120+ smart grid asset management leaders and experts, specialized in the smart grid utility domain, for three intensive days of presentations and case-studies on practical digital asset management implementations, challenges faced, and lessons learned.

Technology choices, implementation lessons and future roadmaps will be discussed in the context of organizational objectives and regulatory pressures. This is the conference you need to benchmark your digitalization roadmap and learn about cutting-edge digital asset management tools and practises.

Event highlights include:

- ✓ **Case study programme** - gain in-depth insights into digital asset management implementation strategies of pioneering European utilities and understand how new technologies and use-cases are being introduced to improve decision-making and efficiency
- ✓ **Technology innovation panel** - quiz the leading asset performance management suppliers on the strength of their solutions and suitability for integration into the smart-utility environment
- ✓ **Digital twin tutorial** - through an extended tutorial at the end of conference day three, gain all the knowledge you need to prepare PoCs, test tools, and integrate them into your network environment
- ✓ **Roundtable discussions** – choose from a selection of intimate roundtables, each one targeted at a key theme from the opening day's discussion, to delve even deeper into the most specific issues impacting your organization
- ✓ **Networking evening reception** - relax and unwind after a full day of in-depth presentations and panel discussions, meet with colleagues from across the European smart grid asset management community to reflect on new ideas and opportunities for collaboration

Kind Regards,

Louis Morgan

Producer | [Smart Grid Forums](#)

PS: Very Early Bird Rate! Save up to €400 on Delegate places and €2,000 on Exhibitor spaces by booking your place before Friday 22nd February 2019!

PPS: Group Booking Discounts – Save 10% on 3 delegates, 15% on 4 delegates, 20% on 5+ delegates – All delegates must be from the same organisation and booked at the same time - Call us on +44 (0)203 691 1698 to arrange!

Sponsorship & Exhibition Opportunities



Would you like the opportunity to raise your brand profile, demonstrate your products and services, and share your expertise with the most targeted and influential group of smart grid asset management implementation leaders and decision makers?

Our adjoining exhibition area provides the perfect platform for you to do this and more! Capped at 20 stands we ensure a focused and relevant display of the latest tools, technologies and services for our audience and maximum visibility for each exhibitor.

To find out more about the various sponsorship and exhibition opportunities:

Call: **+44 (0)20 3691 1700**

Email: registration@smartgrid-forums.com

Download: [Exhibition Opportunities Brochure](#)

Testimonials from Past Events

"Excellent conference, excellent programme, excellent networking, and a great opportunity to learn and share about cyber security. The hottest topic in the digital transformation of the energy sector."

Aurelio Blanquet, **EDP**
@ SmartSec Europe 2016

"This conference provided an array of technically detailed presentations. Rather than being too generic and high level, the material presented facilitated much learning in a short time frame. There was also an excellent level of informal interaction among participants. A couple of days well spent."

Cormac Long, **ESB Ireland**
@ UtiliNet Europe 2018

"Good opportunity to share updates with colleagues in IT/OT. Discover different approaches for the same problems. Learn new market developments."

Ton Rijnan, **Tennet**
@ NextGen SCADA Europe 2018

"A very useful time, open exchange of ideas and information. Excellent real-world presentations."

Allan Wales, **SP Energy Networks**
@ IEC 61850 Europe 2017

"A combination of very knowledgeable experts, panel discussions and round table discussions were useful."

Maryam Al-fadhala, **Public Works Authority Qatar**
@ GIS4SmartGrid 2018

08:00	Registration and refreshments	14:45	Quantitative Risk Management - establishing a data-driven framework that ensures accurate risk assessment and robust financial planning <ul style="list-style-type: none"> Embedding technical expertise from across the business into a consistent numerical framework that complements and improves on qualitative scoring methods Accurately monetizing the risks posed by asset failures based on condition, utilization, demand and reliability data Effectively balancing risks to internal and external stakeholders through the appropriate weighting of input parameters Rigorously justifying investment decisions to ensure optimal interventions and improve access to external finance Craig McTaggart , RIIO-T2 Investment Manager – SP Energy Networks Neill Guha , Senior Manager Costs & Outputs - Ofgem
08:45	Chair's opening remarks		
09:00	Panel: Building the Roadmap – developing an implementation plan that delivers next generation digital asset management capability at minimal cost and disruption to daily operations <ul style="list-style-type: none"> Establishing the key steps, initiatives and timelines for the successful digitalisation of the asset management function Comparing current capabilities with best-in-class practises such as ISO 55000 to identify key development areas Accurately assessing the maturity of new technologies to determine a realistic testing and implementation timeline Selecting appropriate KPIs that quantify strategic objectives and facilitate close tracking and monitoring of progress Prioritizing activities that will deliver short-term benefits while supporting longer-term digitalization efforts David Ringmar , Director Network Strategy & Development - Vattenfall Christian Schorn , Director Asset Management & Operations – TransnetBW Joris Soens , Head of Assets & Grid Architecture – Fluvius	15:30	Afternoon refreshments, networking, and exhibition
10:30	Morning refreshments, networking, and exhibition	16:00	Power Grids Asset Management & Advanced Diagnostics – extended and comprehensive condition assessment and management of electrical systems to improve reliability and optimize performance and lifecycles <ul style="list-style-type: none"> Identifying the most technologically advanced, data-pervasive and cost-effective methods for real-time diagnostics and monitoring of power grids and electrical systems Leveraging the integration of cable systems and monitoring systems Managing and optimizing maintenance costs and efforts through condition-based big data acquisition and advanced automatic analysis based on machine learning Addressing the challenges of accurately localizing and recovering fault locations in power grids and electrical systems Shifting from preventive to predictive maintenance of power grids and electrical systems to improve reliability of supply and avoid costly unplanned outages Roberto Candela , CEO - Prysmian Electronics
11:00	Drivers for Digital Asset Management – evaluating the drive for next-generation asset management to support the energy transition and manage rising lifecycle costs <ul style="list-style-type: none"> Quantifying current and future levels of investment across the sector and examining the underlying business cases Assessing the increasing complexity and pressures of the asset management function as it undergoes digital transformation Managing shorter asset management decision cycles with improved agility and more centralized decision-making Investigating the financial challenges of delivering large utility infrastructure projects and examining how digital asset management can radically improve project delivery outcomes Measuring the impact of digital asset management on more efficient risk management, project delivery and asset lifecycle management Alfonso Abella , Asset Management 4.0 Global Topic Leader - BCG Santiago Gallego , Asset Management 4.0 Global Expert - BCG	16:45	Smart Asset Operations - leveraging digital technology to support predictive maintenance through optimized workforce management and centralized field expertise <ul style="list-style-type: none"> Quantifying the benefits of digital asset management in terms of utilization, asset failures, reliability and risk Leveraging analytical engines to process real-time data from the field in tandem with digitized historic records Assessing the efficacy of asset management plans using advanced analytics Combining existing data with expertise from technicians to gain an objective assessment of network asset health Achieving fully predictive maintenance through the application of asset health indices, advanced simulations and machine learning algorithms supported by digital field data David Šafář , Head of Grid Management and Strategic Projects – E.ON Česká Republika
11:45	Change Management – empowering teams to adopt new asset management processes and practices to ensure long term departmental success in a data-driven environment <ul style="list-style-type: none"> Engaging stakeholders across the value chain in transformational initiatives through effective communication of the purpose and process of change Refining organizational structures to achieve a tight alignment between corporate, operational and technological asset management strategy Incorporating new skills into asset management teams to effectively deal with the IT/OT convergence Engaging senior leadership in the change process and examining the role of the asset management director in championing digital asset management excellence Increasing trust in data-driven decision making across the organization to facilitate a more centralized asset management function Erica Niemi , Head of Asset Management Strategy and Support - Svenska Kraftnät	17:30	Roundtable discussions – during this session the audience breaks out into several smaller working groups, each focussed on specific themes that arose during the day's presentations. Each working group will comprise of representatives of the entire smart grid asset management community to ensure a well-rounded and holistic discussion. Key issues raised, and solutions proposed, will be collated for presentation to the wider group at the end of the session. Networking reception – time to relax after an intensive day of presentations and discussion! All participants are invited to join this networking reception where you will have the opportunity to enjoy the company of colleagues from across the European Smart Grid asset management community.
12:30	Lunch, networking, and exhibition	19:00	
14:00	Strategic Investment Planning – developing advanced simulations to model a vast range of future scenarios and prioritize interventions based on risk <ul style="list-style-type: none"> Using advanced modelling tools and a risk-based approach to optimize long term investment budgets Improving granularity of investment planning models through the incorporation of asset-level data Integrating a wider range of intervention strategies into investment planning models, including non-wire alternatives such as demand response Employing risk-based analyses to group assets by health and defer investment costs Obtaining highly optimised investment plans that minimize upfront costs and maximise value across asset life-cycles Ricardo Prata , Subdirector Assets & Data Analysis Unit – EDP Distribuição	21:00	End of conference day one

08:00	Registration and refreshments	14:45	Visualizing LV Asset Health – accurately calculating the health of LV assets and visualizing the results in GIS to deliver improved network reliability and optimized CAPEX and OPEX <ul style="list-style-type: none"> • Combining GIS, EAM and SCADA data to develop an accurate visualization of LV network condition • Accurately evaluating the technical condition of thousands of LV assets in terms of a range of weighted physical, environmental and commercial parameters • Creating asset health indices to inform appropriate maintenance actions and accurate prioritization of investments • Mapping calculated condition data onto existing GIS systems to facilitate easy identification of high-risk assets and effective targeting of renewals • Delivering clear LV asset condition insights to planning and maintenance teams to support effective decision-making and optimized investment budgets Ondrej Tupy, Head of Strategy – ČEZ Distribuce
08:45	Welcome back from the chair		
09:00	Asset Information Management – embedding a best-in-class data management framework that supports the delivery of actionable insight from high volumes of complex and unstructured data <ul style="list-style-type: none"> • Setting a strong foundation for the careful management of data assets alongside physical assets • Defining clear rules around data ownership and data quality to ensure a consistent approach to data management across the organization • Developing acquisition strategies for data from asset, operational and external sources to support current and future asset management use cases • Building a robust organization-wide platform for the generation of actionable insights from data Matt Webb, Head of Asset Information – UK Power Networks	15:30	Afternoon refreshments, networking, and exhibition
09:45	Open-source Systems – developing in-house capability to leverage open-source tools and systems and deliver highly customized asset management solutions <ul style="list-style-type: none"> • Weighing up the business case for the development of in-house asset performance management tools in terms of cost, reliability, functionality and flexibility • Identifying organizational factors critical to successful open-source system development • Developing bespoke open-source tools and applications to target specific asset management challenges as they arise • Establishing a framework and developing standards for the successful maintenance and continuous development of open-source tools and systems • Developing a platform for advanced asset analytics that minimizes soft asset costs and enhances internal capability and flexibility Miguel Moreira da Silva, Head of Data & Analytics – REN	16:00	Flexible Connections – dynamically managing distributed energy resources to optimize reinforcement costs and reduce network congestion <ul style="list-style-type: none"> • Creating a framework for the flexible connection of distributed energy generation in zones with possible congestion risks • Establishing the rights and responsibilities of all stakeholders, including regulators, other network operators and connection customers • Developing systems that facilitate automatic, proportional curtailment based on real-time network operating conditions and dynamic asset ratings • Achieving faster connection processes and reduced network reinforcement costs through the realization of flexible connections Joris Soens, Head of Assets & Grid Architecture - Fluvius
10:30	Morning refreshments, networking, and exhibition	16:45	Demand Response – accurately quantifying the future impact of demand side management to inform smarter investment planning <ul style="list-style-type: none"> • Leveraging advanced analytics and machine learning methods to model the effects of demand response and quantify its effect on peak loads and grid utilization • Obtaining a precise picture of daily load profiles and seasonal demand peaks through the analysis of a combination of substation and smart meter data • Performing a cluster analysis on daily load profiles to establish common usage patterns and effectively target demand-side management activity • Incorporating uncertainty into demand response models through the development of probabilistic forecasts based on weather and consumption data • Optimizing investment planning and reducing CAPEX through the accurate modelling of demand side management techniques Uroš Kerin, Senior Expert Advisor, Asset Management – ELES Miha Grabner, Data Scientist – Milan Vidmar Electric Power Research Institute
11:00	Technology Innovation Panel – Exploring cutting-edge asset performance management tools and systems to deliver advanced asset analytics and comprehensive network insights Paul Davis, Executive Partner – IBM Luc Hossenlopp, CTO Energy Digital Solutions – Schneider Electric Senior Representative – EFACEC		
12:30	Lunch, networking, and exhibition		
14:00	IoT Sensors for Distribution Networks – evaluating the techno-economic feasibility of IoT sensor networks to deliver affordable, comprehensive distribution network condition-monitoring <ul style="list-style-type: none"> • Understanding the requirements of next-generation IoT sensors and evaluating the differences compared with traditional distribution automation equipment • Determining the appropriate range of monitoring parameters to deliver maximum asset condition insight at minimal cost • Effectively managing reliability and cybersecurity risks in IoT sensor networks • Implementing systems to extract prescriptive insights from vast amounts of IoT sensor data through the use of advanced analytics • Developing a practical deployment strategy for IoT sensor networks to extend asset lifecycles and improve outage management and asset utilization Turo Ihonen, Maintenance and Safety Manager – Elenia	17:30	End of conference day three

08:00 **Registration and refreshments**

08:45 **Welcome back from the chair**

09:00 **Scaling Predictive Maintenance** – Building a scalable, state-of-the-art platform for the justification and validation of predictive maintenance business cases to ensure the rapid adoption of data-driven asset management techniques

- Building data-driven predictive maintenance pilots with robust business cases that can be reproduced and scaled in a variety of grid environments
- Embedding the skills, capabilities and organizational structures necessary to deliver efficient scaling and replication of predictive maintenance use cases
- Leveraging cloud technology to deliver a flexible and cost-effective platform for the extraction of insights from diverse asset bases
- Establishing effective governance and security principles and cloud architectures to minimize cyber-security and reliability risks from off-premises solutions
- Achieving rapid proofing of use-cases across different grid environments to reduce wide-scale predictive maintenance implementation timelines and optimise roll-out cost-benefits

Christian Schroeder, Manager Smart Assets – **E.ON**

09:45 **AMI & LV Networks** - leveraging the deployment of grid-edge sensors to derive granular insights into low-voltage network operation

- Improving fault detection and outage management through analysis of AMI data
- Obtaining real-time power quality measurements using data from grid-edge sensors
- Correlating smart meter data with GIS data to map low-voltage network topology
- Using granular data to identify phase imbalances and optimize utilization of the low voltage network
- Extending awareness to the grid edge to support more efficient management of low-voltage network assets

Slawomir Noske, Director of Innovation Department – **ENERGA-OPERATOR**

10:30 **Morning refreshments, networking, and exhibition**

11:00 **Advanced Cable Management** – establishing an advanced framework for the management of underground cables to optimize replacement strategy and improve network reliability

- Leveraging statistical methods, advanced control and self-healing technologies to improve management of underground cable networks
- Accurately evaluating the health and criticality of underground cables based on a variety of factors including environment, expected life, loading, partial discharge, number of customers and cable type
- Dynamically controlling oil pressure in EHV cable circuits to optimize utilization in real-time
- Exploring the use of self-healing additives in oil-filled cables to enhance resilience, reduce failure rates and extend operational lifecycles
- Optimizing cable management with respect to cost and performance to deliver improved security of supply, better network reliability and support optimized investment strategy

Maxi Faridi, Innovation Engineer – **UK Power Networks**

11:45 **IoT Cybersecurity** - managing IoT cybersecurity to minimize disruption and objection to roll-out of sensor networks

- Gaining a comprehensive awareness of the cybersecurity threat vectors introduced by IoT equipment
- Assessing common communication protocols against the demands of the NIS directive and investigating future smart grid protocol developments that will support improved cyber-security protection
- Investigating new technology such as intrusion detection systems that can reduce the risk of successful cyber- attacks
- Examining best practises and management strategies to develop a robust framework for the reduction of cybersecurity risk from IoT equipment

Speaker TBA

12:30 **Lunch, networking, and exhibition**

14:00 **UAVs & Overhead Assets** - leveraging airborne LIDAR mapping and machine vision to inspect overhead assets and create accurate 3D maps of network infrastructure

- Deploying UAVs to improve awareness of remote overhead assets and reduce the need for cost-intensive manned inspections
- Collecting georeferenced point clouds with LIDAR to create a comprehensive 3D topography of overhead networks
- Using feature extraction techniques to automatically obtain detailed information about overhead assets from airborne images, including the number and position of insulators on power lines, locations of pylons and access points and amount of wire sag
- Using high resolution photography and corona camera imaging to detect broken mountings, insulators and ropes
- Delivering detailed and accurate knowledge of overhead asset conditions to inform effective investment and maintenance activity

Remo Kälin, Project Manager High Voltage Cables – **ewz**
Lorenzo Arizzoli-Bulato, Founder & CEO – **LINDA Swiss**

14:45 **Augmented Reality** - leveraging next-generation AR technology to deliver centralized expertise to field technicians and improve maintenance outcomes across the network

- Evaluating the potential of augmented reality to revolutionize network design, operation and maintenance
- Determining realistic timelines for the introduction of AR to the utility environment and establishing the cost-benefits of implementation
- Improving procedure-following through heads-up step-by-step instructions and video calls with remote experts
- Reducing accidents, travel time and downtime through the effective application of AR technology

Patrick Liddy, Managing Director – **UtilityAR**

15:30 **Afternoon refreshments, networking, and exhibition**

16:00 **Digital Twin Tutorial** – developing a state-of-the-art platform of integrated systems that supports advanced Enterprise Asset Management with an accurate single source of truth

Asset Optimization – Asset Model Development and Master Data Management as key building blocks for Digital Twin

Building a Digital Twin – A Case Study

- Project objectives and business processes supported through a common, advanced EAM platform
- Building an Asset Model that ensures a single version of the truth across the entire asset lifecycle
- Integrating specialized software packages into a single solution
- Considerations on implementation roadmaps and data migration

Use Cases – Showcasing the value of Digital Twin

- Use Case 1: Vegetation Management
- Use Case 2: Relay Management
- Use Case 3: Disturbance Management and Failure Location

Christian Ahn Albertsen, Watson IoT & Industry 4.0 Practice Leader and Consultant – **IBM Global Business Services**
Paul Davis, Executive Partner – **IBM**

17:30 **End of conference day three**

Grid Asset Management 2019

14 – 16 May | London, UK

Data-Driven Asset Management to Support Smart Investment Planning and Optimised Lifecycle Management

3-Day Conference, Exhibition & Networking Forum

14-16 May 2019 | London, United Kingdom



Pricing & Discounts

	Very Early Bird Rate Book before Friday 22 nd February 2018	Early Bird Rate Book before Friday 29 th March 2018	Standard Rate
3-Day Delegate	€2,195 + 20% VAT = €2,634.00	€2,395 + 20% VAT = €2,874.00	€2,595 + 20% VAT = €3,114.00
3-Day Group Booking Delegate (3+ Delegates)	€1,975.50 + 20% VAT = €2,370.60	€2,155.50 + 20% VAT = €2,586.60	€2,335.50 + 20% VAT = €2,802.60
Exhibitor (incl 2 Conference Passes)	€5,000 + 20% VAT = €6,000.00	€6,000 + 20% VAT = €7,200.00	€7,000 + 20% VAT = €8,400.00

Register

Please visit the registration page of the event website at:

<https://www.smartgrid-forums.com/forums/grid-asset-management-2019/> fill in your details, and select Credit Card, PayPal, or invoice payment options.

Contact Us

Call: +44 (0)20 3691 1700

Email: registration@smartgrid-forums.com

Venue & Accommodation

London, UK

Venue TBC

Very Early Bird Discount!
Register before 22nd February
€400 off delegate passes
€2000 off exhibition spaces

Terms & Conditions

Payment: payment must be made at the time of booking to guarantee your place, either by credit card, or invoice which must be settled on receipt of the invoice and prior to the first day of the conference. If payment has not been received by the first day of the conference, then credit card details will be requested onsite and payment will be taken before entry to the conference. Bookings made within 14 days of the conference require payment by credit card on booking.

Delegate Inclusions: the delegate fee covers attendance of conference sessions, speaker presentation materials, lunch and refreshments during the course of the conference, and the networking reception. It does not cover the cost of flights, hotel rooms, room service or evening meals. If after booking your place you are unable to attend you may nominate, in writing, another delegate to take your place at any time prior to the start of the conference. Two or more delegates may not 'share' a place at the conference. Please make separate bookings for each delegate.

Exhibitors: the exhibition is located in the networking and catering area alongside the conference room to ensure maximum footfall and visibility for all exhibitors. Each exhibitor will be allocated a 3m x 2m space with table, 2 chairs, power sockets and WiFi access. The exact location of each exhibitor will be determined 2 weeks prior to the conference.

Exhibitor set-up commences at 7am on the first day of the conference, and breakdown takes place after 4pm on the last day of the conference. Exhibitor packages include 2 conference passes. Additional passes may be purchased at 10% discount on the published rates.

Cancellations: regretfully cancellations cannot be facilitated but transfer to a future conference is permissible. We will provide the speaker presentation materials to any delegate who has paid but is unable to attend. If we have to cancel an event for any reason, we will make a full refund immediately, but disclaim any further liability.

Alterations: it may be necessary for us to make alterations to the content, speakers, timing, venue or date of the event compared with the original programme.

Data Protection: Phoenix Forums t/a Smart Grid Forums gathers personal data in accordance with EU GDPR 2016 and we may use this to contact you by post, email, telephone, fax, SMS to tell you about our other products and services. We may also contact you with information about complementary products and services from carefully selected third parties. If you do not wish to receive information about our other events or products from selected third parties, please write to us at: database@smartgrid-forums.com