



prima

Global Asset Management for DSOs Forum

2-3 November 2023, Amsterdam, Netherlands

INTRODUCTION

Rapidly growing demand for reliability from regulators, ageing infrastructure, building long-term network strategies and investment plans, integration of renewable energy sources, smart grid incorporation, and the increasing pressure to digitize data and business processes have made the need for Asset Management processes and strategies greater than ever before.

The forum will present cutting-edge strategies for data analytics, SCADA, remote condition monitoring, management of aging infrastructure, strategic investment planning and many more. Experienced industry experts will be sharing their knowledge and insights on how to reach the highest level of efficiency and flexibility and will provide an overview of the major challenges and their potential solutions.

✉ E-mail: adam.bares@conference-nrg.com



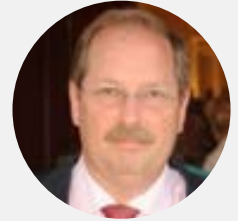
Massimo Cresta
Innovation manager
ASM terni, Italy



Dr. Henning Schuster
Managing Director
E-Bridge, Germany



Frans Campfens
Principal Consultant
Energy Consulting
E-Bridge, Germany



Mark Ossel
Member of the Board
OSGP ALLIANCE,
Netherlands



Ole Brauckmann
Data Scientist
Qirion, Alliander,
Netherlands



Riccardo Galasso
Control Engineer
ABB, Switzerland



Roberto Zangrandi
Secretary General
EDSO for Smart Grids,
Belgium



Roger Hey
DSO Systems & Projects
Manager
Western Power Distribution,
National Grid, UK



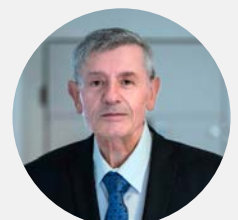
Savannah Altvater
Officer Retail Markets
Euroelectric, Belgium



Silvio Alessandroni
Innovation Manager
– Head of Digital
Technologies for
Electrical Grids
ARETI spa, Italy



Jack Haynes
Live Trial Leader
National Grid, UK



Yosi Shneck
Senior Cyber
Consultant
Israel Electric
Corporation



Stewart Reid
Head of Future Networks
Scottish and Southern
Electricity Networks, UK



Richard Vidlička
Manager of Innovation
and EU Projects
ČEZ, Czech Republic



Martin Hejhal
Planning Specialist
PREdistribuce, Czech Republic

**DAY
1**

Thursday 2 nd November 2023

09.00 Opening address from the Chair

KEYNOTE ADDRESS

09.10 - The power of AI & ML for improved asset management: Probabilistic modeling

- ▶ For a small population of assets traditional statistics are often not sufficient as the law of large numbers does not necessarily apply. In this case Bayesian methods can help as they do not rely on any assumptions and make the assumptions taken very explicit. Furthermore, these methods give a detailed view on uncertainties upon modelling. We will show that for asset populations with little available failure data such as high voltage transformers Bayesian methods can make the difference and allow better risk assessment and more accurate predictive maintenance scheduling.
- ▶ Due to the lack of available failure data of the components the classical methodology is not sufficient to accurately determine the failure probability.
- ▶ This Bayesian approach gives better insight in the failure probability of assets and is a valuable input for a solid risk assessment and predictive maintenance scheduling.



Frans Campfens
Principal Consultant
Energy Consulting
E-Bridge, Germany



Ole Brauckmann
Data Scientist
Qirion, Alliander,
Netherlands

09.50 - Discover developing technologies and trends for effective asset management

- ▶ New tools for enhancing asset management methodologies
- ▶ Internal digitalization and asset management: Dos and don'ts
- ▶ Innovative methods for detecting a fault during real time operation of the power system



Silvio Alessandroni
Innovation Manager – Head of Digital
Technologies for Electrical Grids
ARETI spa, Italy

10.30 - Opportunity to learn about the sponsor solutions, interactive networking session and coffee break

11.00 - Are you DSO ready for the future or even for tomorrow? Take advantage of lessons learned

- ▶ The energy transition & CEP
- ▶ A fundamental shift is underway are you ready?
- ▶ Congestion on the net
- ▶ Investing in the future
- ▶ Energy transition: A network's perspective
- ▶ Electricity regulation and electricity directive
- ▶ Consumer empowerment
- ▶ Smart grid and smart city: essential role of metering and control
- ▶ Business value for utilities: support future business needs



Mark Ossel
Member of the Board
OSGP ALLIANCE,
Netherlands

11.40 - Mitigating and managing uncertainty in investments for asset management

- ▶ How do we deal with assumptions and uncertainties in long term project?
- ▶ Balancing different needs and making correct long term decisions with regards to investments with limited costs
- ▶ Asset value creation for minimal costs



Dr. Henning Schuster
Managing Director
E-Bridge, Germany

12.20 - Lunch

13.30 - Scrutinizing the role of distributed energy resources in asset management

- ▶ Overcoming the reliability and stability issues of distributed generations
- ▶ Planning network capacity requirements
- ▶ Validating DER network operation tools in real time: How do we react to variations in load?



Massimo Cresta
Innovation manager
ASM terni, Italy

14.10 - Digitalization: Intelligent SCADA–systems as an addition and support of asset management



Martin Hejhal
Planning Specialist
PREdistribuce, Czech Republic

14.50 - Opportunity to learn about the sponsor solutions, interactive networking session and coffee break

15.20 - TBA



Riccardo Galasso
Control Engineer
ABB, Switzerland

CLOSING PANEL DISCUSSION

16.00 - Exploring the most cost-efficient strategies to support DSOs reliability and flexibility: Sharing best practices

16.40 End of Day One – Closing word from the Chairman

**DAY
2**

Friday 3 rd November 2023

09.00 Opening address from the Chair

OPENING ADDRESS

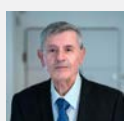
09.10 - Striking the balance between policy making, market evolution and investment potential: figuring out a dynamic assets appreciation



Roberto Zangrandi
Secretary General
EDSO for Smart Grids,
Belgium

The role of disruptive processes in the new era of asset management

- ▶ The role of disruptive processes in the new era of asset management
- ▶ How do cyber challenges facilitate the asset management transformation?
- ▶ The principles and approaches to intelligent asset management focused on the modern DSO environment and needs



Yosi Shneck
Senior Cyber Consultant
Israel Electric Corporation

10.30 - Opportunity to learn about the sponsor solutions, interactive networking session and coffee break

11.00 - TBA



Stewart Reid
Head of Future Networks
Scottish and Southern Electricity Networks, UK

11.40 - Use of Distributed Generation in an Automated network Restoration



Jack Haynes
Live Trial Leader
National Grid, UK

12.20 - Lunch

13.30 -Analysing challenges and prospects for distributed energy resources in asset management



Savannah Altvater
Officer Retail Markets
Euroelectric, Belgium

14.10 - A Focus on Grid Digitalisation



Roger Hey
DSO Systems & Projects Manager
Western Power Distribution, National Grid, UK

14.50 - Opportunity to learn about the sponsor solutions, interactive networking session and coffee break

15.20 - Coffee break

15.30 - Decarbonization, renewables and consumption trends give cause for AM modern tools

- ▶ Asset condition and maintenance methodology and visualization
- ▶ Measuring of asset condition (near) online
- ▶ What-if scenario of gas heating going to electricity consumption to prevent outages
- ▶ Advanced Analytics and planning the resilient grid



Richard Vidlička
Manager of Innovation and EU Projects
ČEZ, Czech Republic

16.40 END OF THE CONFERENCE, CLOSING WORD FROM THE CHAIR

Global Asset Management for DSOs Forum

2-3 November 2023, Amsterdam, Netherlands

REGISTRATION CODE: GM0188

Please complete this form, scan and send to:

✉ E-mail: adam.bares@conference-nrg.com

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