

Best in class networking event for Digital professionals in the Energy Industry globally

# Digital Transformation in the Energy Sector Forum 2023

26-27-28 JUNE 2023, IN-PERSON & VIRTUAL, Amsterdam, Netherlands



## HEAR FROM THE LEADING EXPERTS, INCLUDING:



**Morten Huseby**  
CEO  
**Wirescan**



**Fabrizio D'Antonio**  
Asset Integrity  
Manager  
**Milazzo Refinery**



**Paul Poncet**  
HEAD of SCIENCE  
DARWIN  
PLATFORM  
**Engie**



**Andrea Benedos**  
AI, Machine Learning  
and Automation  
Manager  
**Snam**



**Lisandro Puglisi**  
Robotic Lead  
Engineer  
**EDP**



**Aurelio Blanquet**  
Secretary General  
**EE-ISAC**



**Phil Steele**  
Future Energy  
Evangelist  
**Octopus  
Energy**



**Rajesh Srivastava**  
Director, Delivery  
Head and Habit  
Champion  
**Wipro**



**Kaveh Pourteymour**  
Digital Transformation  
Leader  
**Rio Tinto**



**Pál Hanzelik**  
Senior Data  
Scientist  
**MOL Group**



**Peter Sueref**  
CTO &  
Founder  
**Empirisys**



**Michaela  
Killian**  
Data Scientist  
**Wien Energie**



**Tayfun Eylen**  
Data & Analytics  
Lead  
**Tupras**



**Nikolai Arjakine**  
Product Owner  
Autonomous  
Power Plant  
**Siemens Energy**



**Andreas Berger**  
Managing Director



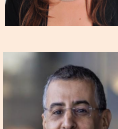
**WINTERSHALL DEA**  
**Matteo Masotti**



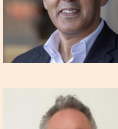
Head of Data  
Competence Center  
**Enel**



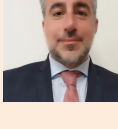
**Denver Rumney**  
UK Lead  
**E.ON Innovation**



**Dr. Carole Nakhle**  
CEO  
**Crystal Energy**



**Taoufik Ait-Ettajer**  
Manager  
Technology Projects  
**REPSOL**



**Ezzeddine Jradi**  
Chief  
Transformation  
Officer  
**Emicool**



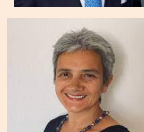
**Sofia Antunes**  
VP Digitalisation  
Offshore Wind  
**Havfram AS**



**Mihail Ivanov**  
Product Manager  
Digitalization  
**ZF Wind Power  
Antwerpen NV**



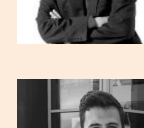
**Pietro Rabassi**  
Executive Vice  
President  
**Nord Pool**



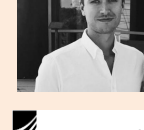
**Antonella Battaglini**  
CEO  
**Renewable Grids  
Initiative**



**Ulrik Møller**  
Senior Economist  
**Energinet**



**Rasmus Frederiksen**  
Data Scientist  
**Siemens Gamesa**



**Volker Berkhout**  
Research Associate  
**Fraunhofer Institute**



**Pieter Schavemaker**  
Managing  
Director  
**E-Bridge**

# WELCOME

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Digitalisation is an inherent part of the future of the energy sector. Either we are talking about decarbonisation and pursuing sustainability goals or strategies to mitigate current energy crisis, - we cannot avoid the crucial role of developing digital tools.

Are you struggling to successfully incorporate new technologies into your organisation? Looking forward to learn about best practices and cutting-edge digital solutions? If so, do not miss out on the biggest Digital Energy forum of the year.

Join us in June for the three days global forum to stay on top of the competition and learn from the knowledgeable speak panel and the leading energy companies. The forum will provide unique insights into such topics as A focus on the current state of the digital roadmap, The importance of partnership in navigating the digital transformation, Driving down CO2 emissions and moving closer to net-zero, Designing Digital Assets & Digital Twins, Cracking the Data challenge, The future of the virtual power plant and many others.

## Our Sponsor

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**REGISTER NOW:**

# Successfully navigating digital transformation in the utilities and oil & gas industries with the aid of cutting-edge technologies and innovative solutions

**DAY 1 - Monday 26<sup>th</sup> June 2023**

09.00 Opening address from the Chair

## **KEYNOTE ADDRESS**

**09.10 A focus on the current state of the digital roadmap**

- Successfully addressing energy security, energy cost and sustainability
- Best strategies for incorporating green elements in business models
- An overview of the main challenges and opportunities they bring

**Andreas Berger**

Managing Director  
**WINTERSHALL DEA**

09.40 **Reserved for Siemens Energy**

10.10 Coffee break

**10.40 Addressing the challenges of Subsurface Technologies for Energy Transition and Securing the Clean Supply of Critical Minerals: The role of Digital Solutions**

**Taoufik Ait-Ettajer**

Manager Technology Projects

**Repsol**

11.10 **Reserved for a sponsor**

**11.40 The importance of partnership in navigating the digital transformation**

- Choosing the best partnership strategy to for the successful project application and problem-solving
- Prospects for scaling up new digital projects
- Ensuring cost-efficiency and production cooperation

**Mihail Ivanov**

Product Manager Digitalization  
**ZF Wind Power Antwerpen NV**

12.10 Lunch break

**13.10 Driving down CO2 emissions and moving closer to net-zero**

- Exploring the pivotal role of digital solutions to increase sustainability
- How can we make the current net-zero targets more feasible
- The importance of CO2 capture technologies

**Antonella Battaglini**

CEO

## Renewable Grids Initiative

### 13.40 The role of digitalization in the energy transition

- Enhancing digitalization during the energy crisis
- What solutions are needed to increase energy efficiency?
- A focus on decarbonization with the aid of innovative solutions

**Dr. Carole Nakhle**  
CEO  
Cristol Energy

### 14.10 Unlocking the full value of digitalization

- What digital technologies will drive the most value in the nearest future?
- Case study: AI, Digital Twins, Blockchain or all together?
- The crucial role of a holistic approach in enabling the potential of digital tools

**Lisandro Puglisi**  
Robotic Lead Engineer  
EDP

14.40 Coffee break

### 15.10 Reserved for a sponsor

### 15.40 Reinventing your business model and developing the right digital transformation strategy

- Identifying the starting point for the business model transformation
- What initiatives can motivate companies and speed up the transformation process
- The role of cooperation and open discussion within and across industries

**Phil Steele**  
Future Technologies Evangelist  
Octopus Energy

### 16.10 Cutting-edge technologies and a vision for the future

- Predictions for the future: What should be expected within a 10-year horizon?
- Identifying the role of Metaverse and Extended Reality in the future of energy sector
- Lessons learned: How can past and current challenges improve our progress?

**Sofia Antunes**  
VP Digitalisation Offshore Wind  
Havfram AS

16.40 CLOSING PANEL DISCUSSION:  
**LESSONS LEARNED FROM A DECADE OF DIGITAL TRANSFORMATIONS**

17.10 End of Day One – Closing word from the Chairman

## **DAY 2 - Tuesday 27<sup>th</sup> June 2023**

09.00 Opening address from the Chair

**09.10 The energy crisis and the European power markets—from trends to reforms in a more and more digitalized world**

**Pietro Rabassi**

Executive Vice President

**Nord Pool**

09.40 **Reserved for a sponsor**

10.10 Coffee break

**10.40 Designing Digital Assets & Digital Twins**

- The importance of having a digital twin throughout the life of an asset
- Effective management of a digital twin – 3D modelling and simulation, cross-referencing of data, and asset visualization
- Improving management of the structural integrity of an asset through digital twins

**Peter Suaref**

CTO & Founder

**Empirisys**

**11.10 Data Science Lifecycle Management @Enel, from the need collection and impact calculation to the AI/ML model implementation and monitoring**

**Matteo Masotti**

HEAD OF DATA COMPETENCE CENTER

**Enel**

**11.40 The role of digitalization for reducing maintenance and operation costs**

- How can AI, ML and Cloud Solutions enhance cost reduction for the operators
- Practical case studies: Overcoming challenges and incorporating cutting-edge solutions into standard practices
- The importance of technology in the improved HSE

**Michaela Killian**

Data Scientist

**Wien Energie**

12.10 Lunch break

13.10 **Reserved for a sponsor**

**13.40 A focus on Human Side of the Digital Transformation**

- The paramount role of the right culture in the upskilling process
- Ensuring a smooth transition to the more digitally advanced practices
- Introducing advantages of the digital solutions for data management and HSE

**Ezzeddine Jradi**

Chief Transformation Officer

**Emicool**

**14.10 Unleashing Blockchain the energy industry**

- COVID19 and the rise of Blockchain
- Practical potential for the data storage and data management
- Unlocking the supply chain transparency

**Tayfun Eylen**

Data and Analytics Lead

**Tupras**

14.40 Coffee break

**15.10 Simplifying the shutdowns and turnarounds procedures**

- The role of digitalization in the asset condition monitoring
- Boosting profitability by minimizing the downtime
- Increasing efficiency with the aid of the latest digital tools

**Fabrizio D'Antonio**

Asset Integrity Manager

**Milazzo Refinery**

15.40 **Reserved for a sponsor**

**16.10 Cracking the Data challenge**

- Best practices in democratizing data
- How can the current data management standards be improved?
- An overview of the best practices and tools to manage the data challenge

**Paul Poncet**

HEAD OF DATA SCIENCE - DARWIN PLATFORM

**Engie**

**16.40 Predictions for the future of asset management**

- Are the remote and unmanned operation a feasible reality for the energy industry?
- The role of digital solutions to minimize an unplanned downtime
- How will our approach to asset management transform within the next 5-10 years?

**Volker Berkhout**

Research Associate

**Fraunhofer Institute for Energy and Energy Efficiency (IEE)**

17.10 End of Day Two – Closing word from the Chairman

### **DAY 3 - Wednesday 28<sup>th</sup> June 2023**

09.00 Opening address from the Chair

#### **09.10 The Power Cable Grid; The Backbone of the Energy Transition**

Monitoring Grid Health for Automatic and Real-time Anomaly Detection and Early Warnings.

**Morten Huseby**

CEO

**Wirescan**

09.40 **Digital Social Engagement**

**Rajesh Srivastava** Director, Delivery Head and Habit Champion Wipro

10.10 Coffee break

10.40 **Case study: AI prediction for predictive maintenance in wind turbines**

**Rasmus Frederiksen**

Data Scientist

**Siemens Gamesa**

11.10 **Reserved for a sponsor**

11.40 **The role of the Digital Twin for sustainable power generation**

- The role of simulation in embracing a green energy future
- Exploring and overcoming challenges in establishing a combined cycle facility
- The future of predictive maintenance of grid elements

**Denver Rumney**

UK Lead

**E.ON Innovation**

12.10 Lunch break

**13.10 The future of the virtual power plant**

- A scrutiny of the current and developing regulations and their role in managing the virtual power plant operations
- Mitigating cybersecurity risks
- Where do we stand in relation to the incorporation of VPP in the electricity market? What are the greatest challenges?

**Kaveh Pourteymour**

Digital Transformation Leader

**Rio Tinto**

**13.40 Identifying the role of technologies in ensuring the energy security**

- The role of digital tools in minimizing outages and unplanned downtime
- Will more efficient data management increase energy security in the European market?
- The current energy crisis as a framework for speeding up the digital transformation

**Pál Hanzelik**

Senior Data Scientist

**MOL Group**

**Ulrik Møller**

Senior Economist

**Energinet**

**Pieter Schavemaker**

Managing Director

**E-Bridge**

14.40 Coffee break

15.10 **Reserved for a sponsor**

15.40 CLOSING PANEL DISCUSSION

**How to bring the transformation from the boardroom to the field?**

16.10 End of the Forum – Closing word from the Chairman



# DIGITAL TRANSFORMATION IN THE ENERGY SECTOR FORUM 2023

26-27-28 June, Amsterdam, The Netherlands

**REGISTRATION CODE: GM0188**

Please complete this form, scan and send to:

Allan Bernard

Standard In-person Registration Fee (per pass)	= € 2899
Virtual Pass(Attend Online)	= € 2499
Speaker Package	= € 3999
Early Bird Ticket Before 15 November	= € 1999

✉ E-mail: allan.bernard@conference-nrg.com

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Surname: \_\_\_\_\_  
Job Title: \_\_\_\_\_  
E-mail: \_\_\_\_\_

Ms. Mrs. Mr. Name: \_\_\_\_\_  
Surname: \_\_\_\_\_  
Job Title: \_\_\_\_\_  
E-mail: \_\_\_\_\_

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Surname: \_\_\_\_\_  
Job Title: \_\_\_\_\_  
E-mail: \_\_\_\_\_

## COMPANY INFORMATION:

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(VAT No. for EU members / Tax number for non-EU members)

Mobile Number: \_\_\_\_\_  
Office Phone Number: \_\_\_\_\_  
Fax Number: \_\_\_\_\_  
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