

DIGITAL TRANSFORMATION

Digital Transformation in the Energy Sector Forum 2023

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

HEAR FROM THE LEADING EXPERTS, INCLUDING:



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



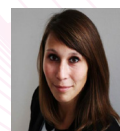
Kaveh Pourteymour
Digital Transformation Leader
Rio Tinto



Pál Hanzelik
Senior Data Scientist
MOL Group



Peter Sueref
CTO & Founder
Empirisys



Michaela Killian
Data Scientist
Wien Energie



Tayfun Eyllen
Data and Analytics Lead
Tupras



Sofia Antunes
VP Digitalisation Offshore Wind
Havfram AS



Matteo Masotti
Head of Data Competence Center
Enel



Dr. Carole Nakhle
CEO
Crystal Energy



Andreas Berger
Managing Director
WINTERSHALL DEA



Denver Rumney
UK Lead
E.ON Innovation



Taoufik Ait-Ettajer
Manager Technology Projects
REPSOL



Ezzeddine Jradi
Chief Transformation Officer
Emicool



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

09.00 Opening address from the Chair

KEYNOTE ADDRESS

09.10 A focus on the current state of the digit

- 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 a sponso

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 Solution

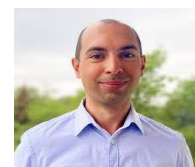


Taoufik Ait-Ettajer
Manager
Technology Projects
REPSOL

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

Renewable Grids Initiative

13.40 The role of digitalization in the energy transition

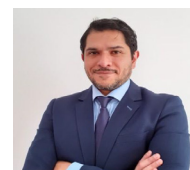
- Enhancing digitalization during the energy crisis
- What solutions are needed to increase energy efficiency?
- A focus on decarbonization with the aid of innovative solutions



Dr. Carole Nakhle
CEO
Crystal 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



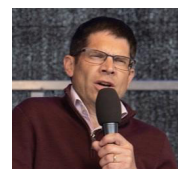
Lisandro Puglisi
Robotic Lead
Engineer
EDP

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 Energy
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

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

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10.10 Coffee break

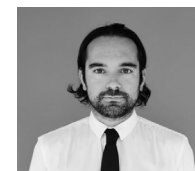
10.40 Designing Digital Assets & Digital Twins

- 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 Sueref
CTO &
Founder
Empirisys

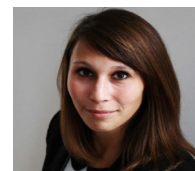
11.10 Data Science Lifecycle Management @Enel, from the need collection and impact calculation to the AI/ML model implementation and monitoring



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



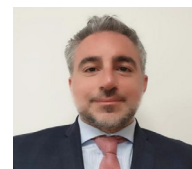
Michaela Killian
Data Scientist
Wien Energie

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

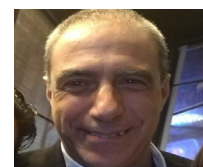


Tayfun Eylen
Data and
Analytics Lead
Tupras

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 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

17.10 End of Day – Closing word from the Chairman

09.00 Opening address from the Chair

09.10 Understanding the real impact of the digital transformation

- Digitizing the operating ecosystem of the company: Prospects and challenges
- The importance of developing technology partnerships in the Oil and Gas sector
- Establishing integrated digital platforms that enhance collaboration in partnerships

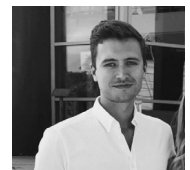


Andrea Benedos
AI, Machine Learning
and Automation Manager
Snam

09.40 Reserved for a sponsor

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 2023, IN-PERSON & VIRTUAL, Amsterdam, Netherlands

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.

We look forward to seeing you in Amsterdam!

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:

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

Standard In-person Registration Fee (per pass)	= € 2899
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Group Discount 3+ (per pass)	= € 1999

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This booking is invalid without a signature authorisation.

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