



Global Wind Turbine Operations, Maintenance and Materials Forum

23-24 November 2023, Amsterdam, Netherlands

prima

INTRODUCTION:

Join us this November for the only Global Wind Turbine Operations, Maintenance and Materials Forum to latch onto all the opportunities the sector offers while unravelling the latest developments in asset optimisation and operation and maintenance of your onshore, offshore, and floating wind assets. Learn the latest trends in market prospects and materials development to stay on top of the competition and make a step toward the coal-free future.

The Forum will provide an ideal space for networking with the key industry players: senior managers, decision-makers, and practitioners operating in the industry and making the most of existing and developing wind technologies. Join us in Amsterdam or online for this must-attend global event.

DAY 1 – Thursday 23rd November 2023

09.00 Opening address from the Chair

KEYNOTE ADDRESS

09.10 – WindEnergy trend: index – mood and development of the wind industry worldwide

- Initial situation and framework conditions
- Status quo: Climate protection and expansion targets for offshore wind energy worldwide
- Market development
- Conclusion

Dirk Briese

Managing Director

wind:research, Germany

wind:research
powered by trend:research

09.40 – What is the ROI of maintenance 4.0?

- Overview of key innovations in maintenance 4.0
- Challenges in calculating the return of investment
- Selected use cases in offshore wind

Ursula Smolka

Head of Offshore Wind Asset Management Global Wind

Ramboll, Germany

RAMBOLL

10.10 – Opportunity to learn about the sponsor solutions, interactive networking session and coffee break

10.40 Reserved for a sponsor

11.10 Topic TBA

Jan De Groof

Head Asset Management and Procurement

Engie, Belgium

ENGIE

11.40 An analysis of O&M prediction fault models

- An overview of the current state of the prediction models
- Implications for the predictive O&M
- Maximising value of existing assets

Marie Renner

Head Of Renewables Offshore Wind R&D project leader

EDF, France

EDF

12.10 Lunch

DAY 1 – Thursday 23rd November 2023

13.10 A focus on the supply chain: How the Wind energy is set to develop and what are the risks and challenges that comes with it

- Analysing the major challenges in wind supply chain
- Finding potential solutions and optimising supply chain across your organisation

Muhammad Bilal

VP PM Wind Solutions

Rystard Energy, Norway



**Rystard
Energy**

13.40 Best practices in reducing costs and achieving operational efficiency

- Identifying the leading drivers in cost reduction
- The role of developing technologies in bringing down O&M costs
- Finding the most cost-effective strategies for O&M optimization

Amaury Neto

Asset Management Director

Voltaia, Brazil



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

14.40 Reserved for a sponsor

15.10 Wind turbine drivetrain reliability from inherent to operational

Shawn Sheng

Senior Research Engineer

NREL, USA



15.40 Sustainability of wind blade manufacturing process

- The future of wind blades – a focus on existing and developing materials
- How will sustainable wind blade production change large-scale manufacturing process
- Does material sustainability equal sustainable manufacturing?

Michele Damiano

CTO

Cartflow, Italy

16.10 Insourcing of digital competence: Optimization of in-house O&M by the provision of tailor-made information

- Overview of the implemented in-house designed data warehouse and infrastructure
- Introduction of implemented KPIs
- Application of KPIs to improve O&M performance

Martin Gruber

Performance Analyst

Verbund, Austria



16.40 End of the first day

DAY 2 – Friday 24th November 2023

09.00 Opening address from the Chair

OPENING ADDRESS

09.10 – The impact of digitalisation on O&M

- Current prospects for digitalisation of onshore and offshore assets
- Increasing technological advancements while keeping down the costs
- An overview of the most efficient digital tools

Clym Stock-Williams

Head of Performance Analysis and Improvements

Vattenfall, Netherlands



09.40 Offer and demand: How to meet the targets?

Javier Torrijos

Head of Procurement: Offshore Wind

Statkraft, Denmark



10.10 Reserved for a sponsor

10.40 – Opportunity to learn about the sponsor solutions, interactive networking session and coffee break

11.10 Scrutinising the challenges and prospects caused by the increasing digitalisation

- Challenges and prospects in the Indian wind market
- Maximisation of onshore assets with the cutting-edge digital tools
- Optimising predictive maintenance strategies

Niraj Shah

Head Operations & Maintenance (Wind Assets)

Apraava Windfarms Energy Private Limited, India



11.40 Offshore O&M Excellence: Chances and challenges in a vast growing market

Friedrich von Storch

Manager Operations Offshore Wind

EnBW, Germany



12.10 Lunch

DAY 2 – Friday 24th November 2023

13.10 Reducing costs and achieving operational efficiency

- Identifying the main drivers for cost reduction
- Creating an advantageous business strategy
- Implementing new strategies into the standard operational procedures

Santiago Lopez
 Managing Director
 BAYWA R.E. ESPAÑA, Spain



13.40 Condition monitoring and digital twins of blades

Kim Branner
 Head of Section Structural Design and Testing & Project Manager
 DTU Wind, Denmark



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

14.40 Reserved for a sponsor

15.10 Latest research outputs on advanced leading edge erosion test methods developed during 2 Horizon projects Carbo4Power and AIRE

- Understanding of why the current rain erosion test method doesn't give realistic results for modern polymers (Carbo4Power)
- A focus on incorporate weathering with rain erosion (AIRE)

Peter Kinsley
 R&D Engineer – New Materials
 ORE Catapult, UK



15.40 Topic TBA

Ole Heggheim
 CEO & Co-Founder
 Wind Catching Systems, Norway



16.10 Advancements in O&M in Floating Offshore Wind

Adam Blake
 Offshore Wind – Operational Excellence Manager
 SSE Renewables, UK



16.40 End of the second day

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Allan Bernard

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

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Payment should be made in full immediately after submitting the signed booking form. Payment should always be made in Euros unless indicated otherwise. STMI Forum accepts all kinds of credits cards. Although the preferred means of payment is credit card, in a few cases the bank transfer option may be allowed ONLY on condition that the payment is made within 10 working days upon receiving the proforma invoice. The fee of the event includes the possibility to download speakers' presentations, access to the conference hall & materials, refreshments, lunches and snacks. Each delegate will be responsible for their own hotel accommodation and travel expenses, however STMI Forum will negotiate and offer the best possible hotel rates for its delegates in the same 4-star or 5-star hotel in which the event will take place.

Substitution Policy:

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