

Energy & Transport Summit IV

December 15, 2020

09:30 – 15:00 CET

Fourth Energy & Transport Summit
Online, MS Teams platform

Facilitator of Wind Logistics Group - Consultant to MDC (TINV)



Thomas Poulsen
EXPERIENCE

Tenure of 30 years with five employers

Lived and worked for 18 years in seven countries outside native Denmark:

- Indonesia
- China
- Singapore
- Hong Kong
- USA
- United Kingdom
- United Arab Emirates

FULL-TIME OCCUPATION

- **Current position:** Managing Partner at Panticon (since 2003)
- **Expertise:** Energy and Transportation
- **Focus:** Strategy, M&A, and Market Intelligence

PAST EMPLOYERS

- A. P. Møller-Mærsk, Toys”R”Us, APL Logistics/NOL, DelCon/ABF

NON-EXECUTIVE MEMBER OF SUPERVISORY BOARDS

- **Focus:** Long-term Support to Management Teams (since 2001)

EDUCATIONAL BACKGROUND

- **PhD** from Aalborg University (2018)
- **MBA** from Copenhagen Business School (2011)
- **Board of Directors Governance**, CBS Executive (2019)
- **Advanced Strategic Management**, IESE/INSEAD (2016)
- **Logistics Strategy**, Stanford (1999)
- **General Management Programme**, NUS/Penn-State (1997)
- **Maersk International Shipping Education**, A. P. Møller (1991)

Strategy | Leadership | Execution



SAMPLE CLIENT REFERENCES



Wind Logistics Group



Summit partners



Today's program and agenda

1. Opening and welcome
2. Keynote
3. 5 panels with 3 speakers each (moderator, Q&A)

Breaks during the day

Online networking and "refreshments together while being apart"

- 09.30: **Welcome and opening**
- 09.40: **Introduction session**
- 10.00: **Seven years of shipping and logistics collaboration**
- 10.50: Bio Break
- 11.00: **The maritime part of the wind energy value chain**
- 12.00: Lunch break
- 12.30: **New technology and innovation**
- 13.15: **Standardization across the supply chain**
- 14.00: **Logistical aspects of offshore wind globalization**
- 14.55: **Conference closing**
- 15.00: **Online networking**

Agenda – this morning

- 09:30-09:40 **Welcome and opening**, *Thomas Poulsen*, Wind Logistics Group and *Glenda Napier*, Energy Cluster Denmark
- 09:40-10:00 **Introduction session: Cross-value chain collaboration in clusters and between clusters** by *Glenda Napier*, Energy Cluster Denmark, and *Mikkel Hansen*, MDC/MARLOG
- 10:00-10:50 **Panel session 1: Seven years of shipping and logistics collaboration**

Moderator: *Ignacio Marti*, DTU Wind Energy

Panelists: **Utilization of handling/lifting/transport equipment**

By *Jakob S. Schmidt*, DIS/CREADIS

Future proofing ports: How big are the wind turbines going to be?

By *Nicolai Noerager Andersen*, DHL

New sheriff in town— USA wind energy infrastructure

By *Thomas Poulsen*, Panticon



- 10:50-11:00 **Bio Break**

Agenda – before lunch

11:00-12:00 **Panel session 2: The maritime part of the wind energy value chain**

Moderator: *Mikkel Hansen*, MDC/MARLOG

Panelists: **Together we increase the potential of the Ports**

By *Jeppe la Cour*, Port of Roenne

Wind vessels of the future

By *John Koch Nielsen*, FORCE Technology

Green fuels O&M project

By *Søren Karas*, Esvagt



12:00-12:30 **Lunch Break**

12:30-13:15 **Panel session 3: New technology and innovation**

Moderator: *Henrik Böhmer*, Energy Cluster Denmark

Panelists: **Making onshore wind O&M more efficient as wind turbines become taller**

By *Per Fenger*, Liftra

Logistics and installation practices in China

By *Mark Lou*, Ming Yang Smart Energy Group

Package delivery by drones

By *Mads Jørgensen*, Upteko



MINGYANG WIND POWER
明阳风电



13:15-14:00 **Panel session 4: Standardization across the supply chain**

Moderator: *Elizabeth Rankin*, BreakBulk Media & Events

Panelist: **Common approach to equipment design and lifting guidelines**

By *Christian Munk Jensen*, Energy Cluster Denmark

Offshore wind lifts together

By *Eduard Lopkov*, Ørsted

Common tower equipment

By *Kim D. Jensen*, Advantis



Agenda – last panel and networking

14:00-14:55 **Panel session 5: Logistical aspects of offshore wind globalisation**

Moderator: *Feng Zhao*, Global Wind Energy Council

Panelist: **Building logistics competencies in a new market: The USA offshore wind case**

By *Britta Gammelgaard*, CBS, and *John Saldanha*, WVU

Putting up offshore wind turbines in Taiwan during Covid 19

By *René Damgaard*, Fairwind

Global wind vessel market updates

By *Frederik Colban-Andersen*, Clarksons Platou



14:55-16:00 **Conference closing followed by online networking, *Thomas Poulsen***

Wind Logistics Group

- The global wind energy shipping and logistics PhD research project
 - 2013 - 2018
 - Inaugural Reference Group meeting in August 2013
 - 9 Reference Group meeting today
 - ✓ 8x after work / "gå-hjem" meetings
- PhD defended August 21, 2018 and degree successfully bestowed by Aalborg University
 - Last academically related Reference Group meeting in November, 2018
 - Final conference in December, 2018
- Successor to PhD Reference Group: Wind Logistics Group
 - Inaugurated on May 6, 2019
 - 5 Wind Logistics Group meetings 2019-2020
 - ✓ 3x after work / "gå-hjem" meetings



Objective of Wind Logistics Group

- Primary:

- Work on **value-creating logistics projects** with **cross-supply chain participation**

Lower...

Cost

Less...

Time

Improved...

Safety

Increased...

Revenue

Improved...

Quality

- Secondary:

- When assembled, host an **after work / "gå-hjem" meeting** with an interesting logistics topic and opportunity for participants to dialogue with entire panel

Wind Logistics Group

Members:



Aalborg Havn
Port of Aalborg

ELEVON

LM WIND POWER
a GE Renewable Energy business

DHL
GLOBAL FORWARDING

Vestas®

NorSea

PORT ESBJERG

Liftra

DIS innovative engineering

DanishShipping

MDC MARITIME DEVELOPMENT CENTER
Transportens Innovationsnetværk

TODAY → TOMORROW
MARLOG

vento maritime
navigating weather

MHI VESTAS OFFSHORE WIND™

ProCon

energy CLUSTER DENMARK

R&D

HEAD ENERGY

GWEC
GLOBAL WIND ENERGY COUNCIL

Panticon
RELIABLE · EFFECTIVE · SUSTAINABLE

SIEMENS Gamesa
RENEWABLE ENERGY

BBC Chartering®

KK Wind Solutions®

Industry partners:



wind denmark

AARSLEFF

Orsted

AH Industries

Eltronic
WIND SOLUTIONS

GOLDWIND



energy CLUSTER
DENMARK



Glenda Napier

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We are the Danish **cluster organization** for the **entire energy sector**.

We **facilitate innovation projects and collaborations** between our 400+ cluster members including leading industry players, small companies and start-ups, universities, knowledge institutions and other public sector players.

We innovate within **energy production, energy infrastructure, energy storage, energy efficiency, sector coupling, system integration and digitalization**.

Energy & Transport Summit IV *digital*

Introduction session

Cross-value chain collaboration in clusters and between clusters

Glenda Napier, CEO, Energy Cluster Denmark

Mikkel N Hansen, CEO, MARLOG/MDC

Moderated by Thomas Poulsen, Wind Logistics Group

- Glenda Napier,
CEO, Energy Cluster Denmark
- Mikkel N Hansen,
CEO, MARLOG/MDC



SHIPPINGWATCH

Rederier | Leverandører | Offshore | Havne | Logistik | Miljø & Politik |  English

Container | Tank | Tørlast

Nyt samarbejde vil udvikle klimaneutrale brændstoffer

Energy Cluster Denmark har indgået et strategisk samarbejde med Marlog om at skabe en platform for det teknologiske arbejde med omstillingen til en grønnere transportsektor.



| Foto: JONAS FOTOGRAFI

AF VIKTOR BRANDT KÆRGAARD
Offentliggjort: 08.12.20 kl. 16:23

Energy Cluster Denmark og Marlog er gået sammen for at sikre rammerne for udviklingen af fremtidens grønne transport.

Ifølge de to organisationer er det et naturligt skridt at tage, da begge parter vil få gavn af aftale. Således står Marlog, der er klyngeorganisationen for det maritime erhverv og logistik, og mangler en grøn løsning, der kan reducere udledningen af CO₂.

  

Læs også

EU vil sætte skibsfarten forrest i køen til grønne brændstoffer

MAN's nye design til produkttankskib på metanol får foreløbig godkendelse

Finansloven sender grønne millioner til skibsfarten

Maritim fond har uddelt 43 mio kr i år

Thank you and welcome again!
