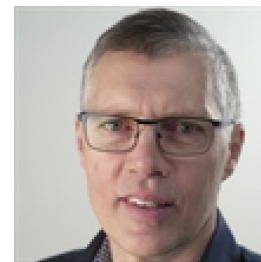


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## Publikationer

### **State-of-the-art value chain roadmap for sustainable end-of-life wind turbine blades**

Lund, K. W. & Madsen, E. S., mar. 2024, I: Renewable and Sustainable Energy Reviews. 192, 114234.

### **Method for estimating the future annual mass of decommissioned wind turbine blade material in Denmark**

Bech Abrahamsen, A., Beauson, J., Lund, K. W., Madsen, E. S., Rudolph, D. P. & Pagh Jensen, J., feb. 2024, I: Wind Energy. 27, 2, s. 165-178

### **Barriers and drivers for the Operations Management researcher as a facilitator of cooperation towards new Sustainable Eco-systems**

Lund, K. W. & Madsen, E. S., 29. nov. 2023. 2 s.

### **Sustainability assessment of new technologies using multi criteria decision making: A framework and application in sectioning end-of-life wind turbine blades**

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### **Sustainable end-of-life value chain scenarios for wind turbine blades**

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### **Sustainable end-of-life value chain scenarios for wind turbine blades**

Fayyaz, S., Lund, K. W., Khoshnevisan, B., Birkved, M. & Madsen, E. S., 25. apr. 2023.

**Debatindlæg om erhvervsuddannelser i dagbladet Politiken, d. 1. april - 2023. "Jeg har fire uddannelser. I dag er jeg forsker. Men uddannelsen som maskinarbejder har givet mig mest glæde i livet": Vi skal holde op med at se unge mennesker som enten boglige eller håndværkere. Man har bedst af begge dele.**

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### **Circular Economy Operations in the End-of-life of Large Complex Structures: A Framework**

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### **Sustainability assessment of equipment for sectioning end-of-life wind turbine blades: A multi criteria decision making framework**

Lund, K. W., Liep Nielsen, M. & Madsen, E. S., jul. 2022.

**Establishing Sustainable Value Chains for Decommissioned Wind Turbine Blades: A Framework and a Case Study**  
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**A new Roadmap for Procurement and Sourcing Preparedness Activities in Humanitarian Disasters for NGOs**  
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#### **The need for vocational education in operations and maintenance of offshore wind power**

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## Projekter

**Circling up the waste processing hierarchy: a technical and market analysis in the sustainable reuse of End-of-Life cooling compressors**

Emontspool, J. (Projektdeltager) & Madsen, E. S. (Projektdeltager)

16/01/2023 → 01/06/2024

**DecomBlades: Decommissioning of wind turbine blades at their end of life**

Madsen, E. S. (Arbejdspakke ansvarlig), Birkved, M. (Projektdeltager), Lund, K. W. (Ph.d.-studerende), Fayyaz, S. (Projektdeltager) & Khoshnevisan, B. (Projektdeltager)

01/01/2020 → 31/12/2023

## Aktiviteter

**Aalborg Universitet (Ekstern organisation)**

Madsen, E. S. (Medlem)  
1. jan. 2018 → 31. jan. 2018

**A learning Arena for knowledge development by the use of didactics and situated learning**

Madsen, E. S. (Foredragsholder)  
28. apr. 2010

**Bedømmelsesudvalg (Begivenhed)**

Madsen, E. S. (Formand)  
2017

**Den Danske Vedligeholdelsesforening - (DDV) - Bestyrelsesmedlem (Ekstern organisation)**

Madsen, E. S. (Medlem)  
2012 → 2017

**Digitalisering: Hvad betyder det for virksomheder og medarbejdere?**

Madsen, E. S. (Underviser) & Bilberg, A. (Underviser)  
14. mar. 2018

**Drivers and barriers for industry 4.0: Insights from a Danish large scale questionnaire-survey**

Stentoft, J. (Oplægsholder), Madsen, E. S. (Andet) & Rajkumar, C. (Underviser)  
3. maj 2017

**Drivkræfter og barrierer for Industri 4.0 - Indsigt fra en større dansk undersøgelse**

Madsen, E. S. (Keynote speaker)  
9. maj 2017

**Experts in Teams Seminaret**

Madsen, E. S. (Deltager)  
1. jun. 2016

**Forskningsprojekt - Energi på Havet**

Madsen, E. S. (Deltager)  
jan. 2012 → 1. maj 2013

**Forskningsprojekt - SDC**

Madsen, E. S. (Deltager)  
2012 → ...

**Håndtering af viden i en vedligeholdelsesorganisation**

Madsen, E. S. (Foredragsholder)  
16. maj 2013

**Hvordan kan resultaterne fra et forskningsprojekt om overførsel af viden bruges i et vindmøllelaug?**

Madsen, E. S. (Foredragsholder)  
6. mar. 2010

**Knowledge Management and Knowledge Transfer: Presentations at study tour for Danish SMEs to Detroit and Chicago, USA, - organized by Department of Human Factors, FORCE Technolgy, Kgs Lyngby, Denmark**

Madsen, E. S. (Foredragsholder)  
8. dec. 2015 → 9. dec. 2015

**Knowledge transfer in global production**

Madsen, E. S. (Foredragsholder)

1. sep. 2009

**Knowledge transfer in global produktion**

Madsen, E. S. (Foredragsholder)

4. sep. 2009

**Linköping University (Ekstern organisation)**

Madsen, E. S. (Medlem)

11. nov. 2016

**Logistics and Location of Facilities in Europe and in Denmark**

Madsen, E. S. (Oplægsholder), Lysgaard, S. O. (Oplægsholder) & Ahlbeck, L. (Oplægsholder)

20. sep. 2023

**Maintech 2013**

Madsen, E. S. (Arrangør)

16. maj 2013

**Maskinmesterskolen København / Copenhagen School of Marine Engineering and Technology Management (Ekstern organisation)**

Madsen, E. S. (Medlem)

9. feb. 2019

**Maskinmesterskolen København (Ekstern organisation)**

Madsen, E. S. (Medlem)

1. mar. 2020 → 20. apr. 2020

**Modularisering af produkter og service – lettere håndtering af varians?**

Madsen, E. S. (Foredragsholder)

8. jun. 2016

**Modularizaion of Maintenance in the Offshore Wind Power Sector**

Madsen, E. S. (Paneldeltager)

8. mar. 2018

**Øget bæredygtighed ved produktion af øl og læskedrik – et forskningsprojekt i samarbejde med MADE, Carlsberg og SDU**

Madsen, E. S. (Oplægsholder)

6. okt. 2021

**Overførelse af (tavs) videnGlobal produktion og offshore vindkraft: - relationen til sygepleje?**

Madsen, E. S. (Foredragsholder)

26. mar. 2014

**Overførsel af tavs viden i global produktion**

Madsen, E. S. (Underviser)

2. maj 2013

**Overførsel af viden i global produktion og Vedligehold af offshore vindkraft: Forskningens Døgn**

Madsen, E. S. (Foredragsholder)

23. apr. 2015

**Overførsel af viden i global produktion og Vedligehold af offshore vindkraft: Forskningens Døgn**

Madsen, E. S. (Underviser)

27. apr. 2017



**PhD bedømmelsesudvalg (Formand) (Begivenhed)**

Madsen, E. S. (Formand)

6. jun. 2017

**PhD evaluation and defence (Begivenhed)**

Madsen, E. S. (Formand)

15. aug. 2022 → 15. okt. 2022

**PhD evaluation and defence (Begivenhed)**

Madsen, E. S. (Medlem)

15. aug. 2022 → 15. nov. 2022

**Research Project: New Models for Maintenance of Offshore Wind Farms**

Madsen, E. S. (Vejleder)

1. dec. 2012 → 1. feb. 2016

**Secop Compressors (Tianjin) Co., Ltd. (Ekstern organisation)**

Madsen, E. S. (Medlem)

2011 → 2012

**SIMAC - Svendborg, Lektorat (Ekstern organisation)**

Madsen, E. S. (Formand)

2016

**SIMAC - Svendborg, Lektorat (Ekstern organisation)**

Madsen, E. S. (Formand)

2014

**SIMAC - Svendborg, Lektorat (Ekstern organisation)**

Madsen, E. S. (Medlem)

2013

**SIMAC - Svendborg, Lektorat (Ekstern organisation)**

Madsen, E. S. (Medlem)

2013

**SIMAC - Svendborg, Lektorat (Ekstern organisation)**

Madsen, E. S. (Medlem)

2012

**SIMAC - Svendborg, Lektorat (Ekstern organisation)**

Madsen, E. S. (Medlem)

2012

**SIMAC - Svendborg, Lektorat (Ekstern organisation)**

Madsen, E. S. (Medlem)

2012

**SIMAC - Svendborg: Lektorat (Ekstern organisation)**

Madsen, E. S. (Formand)

2014

**Syddansk Universitet (Ekstern organisation)**

Madsen, E. S. (Formand)

6. mar. 2020

**The Consultative Research Committee for Development Research - Ministry of Foreign Affairs of Denmark (Ekstern organisation)**

Madsen, E. S. (Medlem)

feb. 2017 → ...

**Ukendt (Ekstern organisation)**

Madsen, E. S. (Deltager)

2014 → 2019

**University of Twente**

Madsen, E. S. (Gæsteforsker)

6. mar. 2018 → 8. mar. 2018

**Vedligehold 4.0**

Madsen, E. S. (Underviser)

25. feb. 2020

**Vejen fra maskinarbejder til forsker - fra Industry 1.0 til 5.0**

Madsen, E. S. (Keynote speaker)

13. okt. 2022

**WIND ENERGY DENMARK 2018 - Conference**

Madsen, E. S. (Deltager)

30. okt. 2018

**Knowledge transfer in global production**

Madsen, E. S. (Foredragsholder)

24. nov. 2009