



EUROPEAN WIND BLADE RECYCLING SUMMIT 2024

ENSURING A SUSTAINABLE FUTURE FOR WIND ENERGY
THROUGH END-OF-LIFE SOLUTIONS

12th & 13th June / Copenhagen, Denmark

Key Topics

- Highlighting Key Renewable & Environmental Policies Affecting Wind Blade Recycling
- Future Projections of Blade Waste Stream Growth and End-Product Demand
- Major Developments in Blade Recycling Projects & Technology
- Holistic Overview of Blade Lifecycle Assessment
- Overcoming Lack of Reliable Blade Feedstock Sources
- Empowering Wind and Cross-Industry Collaboration
- Bridging the Gap in Public Perception of Wind Blade Recycling
- Complimenting Recycling with Blade Repurposing
- Exploring New Product Opportunities for Recycled Blade Material

Sponsored By



CARBON RIVERS



ACI's European Wind Blade Recycling Summit will be taking place on the **12th & 13th June 2024** in **Copenhagen, Denmark**.

The summit will highlight the pivotal updates on the European outlook for wind blades while also reviewing EU policies and regulations that are currently affecting the industry as well as strategies to ensure a sustainable and profitable future.

The two-day event will bring together senior-level industry stakeholders from wind blade recyclers, wind farm owners and operators, OEMS and suppliers, fuel recycling technology providers, automotive & aviation manufacturers, financial stakeholders and investors, waste service providers, government officials & regulators



Who Will Attend?

ACI's European Wind Blade Recycling Summit 2024 will bring together senior executives from:

- Wind Blade Recyclers
- Waste Management Companies
- Wind Energy OEMs
- Automotive & Aviation Manufacturers
- Recycling Technology providers
- Other composite end-product manufacturers
- Financial stakeholders & investors
- Research institutions
- Investors
- Government officials & Environmental Regulators

Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Marcin Janecki** using any of the following methods:

Tel: + 48 (0) 61 646 7047

Email: mjanecki@acieu.net

Online: <http://www.acieu.net>

Conference Fees

Conference (Includes Documentation Packet) £1,995

Documentation Packet Only £520

Members and customers of all supporting organisations are entitled to a discount off their conference package.

Discounts are available for multiple/group bookings.

Opportunities to Meet Your Target Audience

Showcase your technologies to the industry, with opportunities to demonstrate the capabilities of your latest products and services. Companies can gain direct access to our senior level audience and have an increased level of visibility and exposure through branding and networking at the conference. This will allow you to attract new business and forge lasting commercial relationships.

For information on available commercial opportunities, please contact:

Sam Cormack

+44 (0) 20 3141 0609 - samc@acieu.net



Copenhagen, Denmark

DAY 1

Wednesday 12th June 2024

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIR'S OPENING REMARKS**

Christopher Springham
Wind Energy Consultant
Independent

09:15 **PANEL DISCUSSION**
Highlighting Key Renewable & Environmental Policies Affecting Wind Blade Recycling



Glenda Napier
CEO
Energy Cluster Denmark



James Lightfoot
Emerging Technology Manager
SSE Renewables

- Evaluating the effectiveness of current landfill bans
- Assessment of industry sustainability commitments
- Context of Renewable Energy Directive and other EU framework

10:00 **SESSION ONE**
Future Projections of Blade Waste-Stream Growth and End-Product Demand



Sophus Borch
Business Development Manager
HJHansen Recycling



Harald van der Mijle Meijer
Senior Consultant Wind Energy
TNO

- Analysis of European waste stream data and expected growth
- Aligning blade waste volumes with demand for end-products

11:00 **MORNING REFRESHMENTS**

Sponsored by



11:30

SESSION TWO
Major Developments in Blade Recycling Projects & Technology

Louise Drue Andersen
Wind Segment Manager
Stena Recycling



Irene Bach Velling Villadsen
Project Manager
Makeen Energy



Anu Söderena
Business Development Manager, Energy & Waste
Kuusakoski Recycling

- Ensuring project timelines will meet demand and regulations for recycling
- Details on projects set to be completed by 2025

13:20

LUNCH

14:20

SESSION THREE
Holistic Overview of Blade Lifecycle Assessment



Albert Ten Busschen
Associate Professor
Windesheim University of Applied Sciences

- Creating precise tracking of carbon offsetting
- Solutions to manage older blades with low recyclability
- Key areas of improvement to initial LCA process

14:45

CONFERENCE PRESENTATION
Evaluating Current Blade Material Design to Maximise Recyclability

- Ways to utilise downcycled blade material to maintain quality assurance
- Handling complex waste materials such as foam and fibre composites

15:30

AFTERNOON REFRESHMENTS

Copenhagen, Denmark

DAY 2

Thursday 13th June 2024

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIR'S OPENING REMARKS**

Christopher Springham
Wind Energy Consultant
Independent

09:05 **CONFERENCE PRESENTATION**
The Investor's Perspective: How to Finance Wind Blade Recycling



Dörte Hirschberg
General Partner
Climentum



Nicolas Derrien
Chief Development Officer
Continuum Group

- Solving the FOAK puzzle: Why it is so hard to finance a first of a kind plant and benefits for those investors who succeed
- Categories of investors: Tech Investors, Infrastructure, Debt

09:50 **SESSION FIVE**
Exploring New Product Opportunities for Recycled Blade Material

Recycling the Impossible: Glass Fiber Composites for Perpetual Life Cycles

- The reality of glass fibre recovery from thermosets and thermoplastics
- Novel glass fiber recovery is carbon negative with offsets and credits from byproducts
- Pristine graphene provides various O/M solutions to extend blade life



David Morgan
Chief Strategy Officer
Carbon Rivers

- How wind blades can be a sustainable source for the cement and construction
- Focus on potential of glass-fibre and carbon-fibre based products
- Exploring emerging and prospective product opportunities for wind blades

John Schröer
CEO
KoiosTitan

Frazer Barnes
CTO
Gen2Carbon

10:20 **CONFERENCE PRESENTATION**
Complimenting Recycling with Blade Repurposing

- Showcasing key successful case studies of repurposed blades
- Identifying common situations where repurposing can support sustainability targets

11:05 **MORNING REFRESHMENTS**

11:35 **SESSION SIX**
Sustainable End-of-Life Procurement & Logistics: from Decommissioning to End-Product



Nicole Kambeck
Head of Sustainability EMEA
Mitsubishi Chemical

Thomas Alcalde
Technical Director
Gira Wind



Leena Hacklin
Production Director
Suomen Hyötytuuli Oy

- Developing relations further between wind blade owners, dismantlers, waste managers and material purchasers
- Legal classification and standardisation of transporting wind blade waste material

12:10 **CONFERENCE PRESENTATION**
Case Study: Converting Wind Blades to a Powder Used for Reinforced Blades

Vasileios Koutsos
Professor and Deputy Head of Research Institute
University of Edinburgh

13:05 **LUNCH**

Copenhagen, Denmark

14:05

PANEL DISCUSSION

Empowering Wind and Cross-Industry Collaboration



Gustav Frid
Senior Environment &
Sustainability specialist
Vattenfall

Damian Cessario
CEO/Founder
V Carbon



Tomas Flanagan
CEO
Éire Composites



Marcin Sobczyk
Project Manager
ANMET

- Connecting the wind blade industry with automotive, aviation and other composite manufacturers
- Working towards unification of industry-wide best practices

14:50

PANEL DISCUSSION

Bridging the Gap in Public Perception of Wind Blade Recycling

- Creating coherent industry-wide publicity on wind blade sustainability
- Assessing key issues raised that could hinder further growth for wind blade recycling

15:35

CHAIR'S CLOSING REMARKS

Christopher Springham
Wind Energy Consultant
Independent

15:45

END OF CONFERENCE & AFTERNOON REFRESHMENTS



Speed networking in a meet & greet session



Evening drinks reception sponsored by Chevron