

Circular Economy for Wind Workshop

IACMI Fall Members Meeting 2021

October 7th, 2021

12:30-3:00pm EST

In-Person: Plaza Ballroom - The Henry Hotel - Detroit, Michigan

Virtual: Microsoft Teams

Chairs:

Soydan Ozcan, ORNL

Derek Berry, NREL



ORNL is managed by UT-Battelle, LLC for the US Department of Energy

Circular Economy for Wind Workshop

Goals:

- Build relationships and bring together key industries in wind technology and sustainability including national laboratories, universities, and government stakeholders
- Share perspectives on and identify highest-impact barriers to the circular economy (CE) for wind
- Identify research and development (R&D needs) to address these barriers
- Encourage and identify new collaborative R&D partnerships, key demonstration projects

Attendees will:

- Hear about industry led and government funded R&D and analysis currently happening related to wind composite recycling and circular economy
- Information share and obtain better understanding of IACMI member, lab, university, and industry capabilities
- Share perspectives on strength and weaknesses of current state of knowledge related to existing solutions
- Identify and share perspectives on highest impact near, mid, and long-term R&D required for achieving circular economy for wind composite materials
- Identify key demonstration projects & areas for collaboration



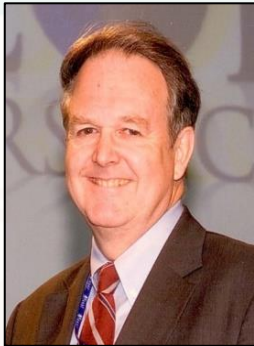
Wind-a-Palooza Workshop Speakers, Panelists, Facilitators



Soydan Ozcan
Chair - CEWG
ORNL



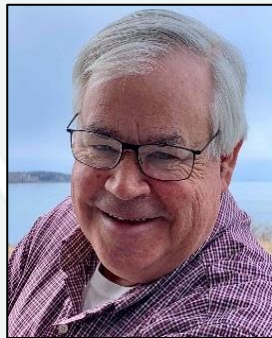
Derek Berry
Chair - WEWG
NREL



Robert Marlay
U.S. DOE,
WETO



Seb Beloe
WHEB



Steve Nolet
TPI Composites



Aubryn Cooperman
NREL



Matthew Green
ASU



Tyler Christoffel
U.S. DOE, WETO



Ryan Ginder
UTK



Lillie Ghobrial
ORNL



Matthew Korey
ORNL

Agenda

Topic	Time (EST)	Speaker
Welcome and Introduction	12:30-12:35	Soydan Ozcan , ORNL Chair, Circular Economy Working Group Derek Berry , NREL Chair, Wind Energy Working Group
U.S. DOE Perspective	12:35-12:50	Robert Marlay, Director , U.S. Department of Energy Wind Energy Technologies Office (WETO)
State of Wind Manufacturing and Considerations	12:50-1:00	Steve Nolet , TPI Composites
Investment Firms	1:00-1:10	Seb Beloe , WHEB Asset Management
Circular Economy	1:10-1:20	Aubryn Cooperman , NREL
Areas of Research Opportunity in Wind Energy	1:20-1:30	Matthew Green , Arizona State University
Panel Discussion	1:30-2:00	Aubryn Cooperman , NREL Matthew Green , Arizona State University Seb Beloe , WHEB Asset Management Steve Nolet , TPI Composites Tyler Christoffel , U.S. Dept of Energy, WETO <i>Facilitator: Lillie Ghobrial, ORNL</i>
Brainstorming Session	2:00-2:45	<i>In-Person Facilitator: Matthew Korey, ORNL</i> <i>Virtual Facilitator: Derek Berry, NREL/Lillie Ghobrial, ORNL</i>
Summary	2:45-2:55	Matthew Korey , ORNL Derek Berry , NREL
Closing Remarks	2:55-3:00	Soydan Ozcan , ORNL

Panel Q&A: Circular Economy for Wind

1:30-2:00 EST



Lillie Ghobrial
ORNL
(Facilitator)



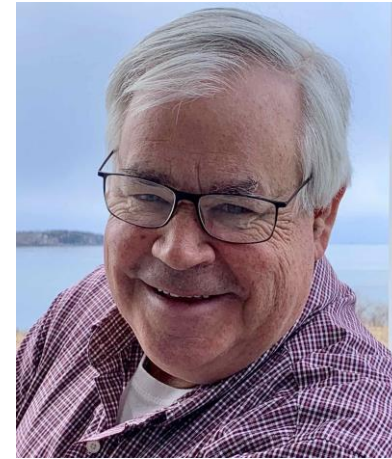
Aubryn Cooperman
NREL



Matthew Green
Arizona State University



Seb Beloe
WHEB



Steve Nolet
TPI Composites



Tyler Christoffel
U.S. DOE, Wind Energy Technologies Office

- Please join us in-person by asking questions live (Facilitated by Matt Korey, ORNL)
- Please join us virtually by adding questions to the chat, or using the “raise your hand” feature in Microsoft Teams

Brainstorm Session

2:00-2:45 EST

In-Person Facilitator: Matthew Korey, ORNL

Virtual Facilitator: Derek Berry, NREL

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Thank You & Closing:

- **Next Steps:** Workshop Summary & continued networking
- Please send additional inputs and comments on Wind Circular Economy R&D to:
 - Matt Korey, ORNL koreym@ornl.gov
- **Become part of the IACMI Working Groups:**
 - Kim Hoodin, IACMI, khoodin@iacmi.org
- **For more information on IACMI Member Meetings, Working Groups, and More**
 - Visit the IACMI webpage: IACMI.org

Full IACMI Working Group List:

- **Wind Energy**
- **Recycling/Circular Economy**
- **Infrastructure & Construction**
- **High Rate Aerostructures Fabrication**
- **Simulation/Digital Twin**
- **Future Mobility/Vehicles Technology**