

## Accelerating wind turbine circularity

*2<sup>nd</sup> edition workshop, based on invitation only*

I would like to invite you to take part in the workshop “**Accelerating wind turbine circularity**” that [WindEurope](#) is jointly organising with the European Chemical Industry Council, [Cefic](#), in **Bilbao on Thursday, 4 April**. The event will take place in parallel to the [WindEurope Conference & Exhibition 2019](#).

The aim of the workshop is **to share experience and best practice** on regulation and current methods for **decommissioning and recycling wind turbine rotor blades**. By fostering a stronger dialogue between the waste management, chemical and wind energy sectors, the event will serve as a platform to explore how these three sectors can work closer together. The specific issues we will cover at the workshop are:

- **Decommissioning wind turbines** – sharing best practices;
- **Composite waste regulations** – mapping existing country regulations and anticipating future regulatory requirements that would push for further recycling of composite;
- **Recycling technologies for composite materials** – understanding the available recycling solutions today and the solutions of the future as well as their environmental performance;

We are inviting companies providing dismantling and recycling solutions, companies producing composites and epoxy resins, as well as wind turbine manufacturers and asset owners across Europe.

We believe your expertise would be invaluable to the discussion and we would very much welcome your participation as a speaker.

Could I ask you to let us know whether you will be able to take part by **Friday, 8 March** at the latest? Please reply by email to my colleague, Mihaela Dragan at [Mihaela.Dragan@windeurope.org](mailto:Mihaela.Dragan@windeurope.org) or +32 2 213 1857. Ms. Dragan would also be very glad to discuss over the phone more details about the workshop programme.

**To register for the event please go [HERE](#).**

Yours sincerely,

Giles Dickson,  
CEO WindEurope

## Agenda

Thursday, 4 April 2019, 09:00 – 13:00, Atrium 1, level 1  
BEC – Bilbao Exhibition Centre

Azkue Kalea, 1, – North Entrance, 48902 Barakaldo, Bizkaia, Spain

<b>09:00 – 09:10</b>	<b>Welcome &amp; registration</b>
<b>09:10 – 09:30</b>	<b>Introduction</b> <i>Ivan Pineda, Policy Director, WindEurope</i>
<b>09:30 – 10:00</b> <b>Chair</b> - Ivan Pineda, Policy Director, WindEurope	<b>Setting the scene – Regulation &amp; technology for composite waste</b> <ul style="list-style-type: none"> <li>• Mihaela Dragan, Sustainability Analyst, WindEurope – “Composite waste regulatory practices across Europe”</li> <li>• Marcos Ierides, BAX &amp; COMPANY, on behalf of Cefic – “Assessment of recycling processes for wind turbine blades”</li> <li>• Thomas Wegman – Member of the EuCIA Sustainability WG</li> </ul>
<b>10:00 – 11:00</b> <b>Chair</b> – DIERCKX Ann, Sustainability Director, Cefic	<b>Decommissioning wind turbines – sharing best practice</b> <ul style="list-style-type: none"> <li>• Linde De Vriese, Composite Loop, Team Leader Composites Application Lab, Sirris</li> <li>• Net Wind – Onshore wind dismantling-recycling-reconditioning-reselling, sharing the French experience <i>TBD</i></li> <li>• SURUS INVERSA - Onshore wind dismantling-recycling-reconditioning-reselling, sharing the Spanish experience</li> <li>• Q&amp;A session</li> </ul>
<b>11:00 – 12:15</b> <b>Chair</b> – Jansma, Sybren, LM Wind Power	<b>Recycling wind turbine blades: technology outlook</b> <ul style="list-style-type: none"> <li>• Nicolas Derrien – Mechanical recycling, Global Fiberglass Solutions</li> <li>• Heidelberg Cement – Co-processing</li> <li>• Veolia/Reciclalia – Pyrolysis</li> <li>• Cefic member - Solvolysis</li> <li>• Q&amp;A session</li> </ul>
<b>12:15 – 13:15</b> <b>Chair</b> – Uli Suedhoff, Europe Business Development Manager, GE Renewable Energy	<b>Design for circularity</b> <ul style="list-style-type: none"> <li>• Cefic member</li> <li>• WindEurope member</li> <li>• ETIP Wind representative</li> <li>• Q&amp;A session</li> </ul>
<b>13:30 – 14:30</b>	<b>Lunch</b>

**15:00 – 16:15**

**Chair:** Uli Suedhoff,  
Europe Business  
Development  
Manager, GE  
Renewable Energy

**Conference session: Becoming circular - turbine components recycling,  
Auditorium 2**

**Keynotes**

DIERCKX Ann, Sustainable Development Director, Cefic  
Kristen Skelton, HSE & Sustainability Specialist, Siemens Gamesa Renewable  
Energy

- Nina Kallio, New Business Manager, Virol “Recycling the wind turbine blade waste to valuable chemicals – Finally a sustainable and economically viable solution for the composites?”
- Jakob W. Nielsen, Miljoeskarm “Recycling composites material: from waste to resource”
- Philipp Schmid, Marketing Manager, SKF “Circular economy in wind energy with bearing and lubrication system remanufacturing”

**Please note:**

- **For the workshop:** “Accelerating wind turbine circularity”, taking place from 09:00 to 13:30 you need to have a valid exhibitor pass for the day (Thursday, 4 April) in order to be able to access the meeting room.
- **For the Conference session:** Becoming circular - turbine components recycling, taking place from 15:00 – 16:15 you need to have a valid Conference pass for the day (Thursday, 4 April) in order to be able to access the meeting room.
- **For workshop & Conference session:** Speakers will receive a free Conference pass for the day of their intervention.