



HWEA
HELLENIC WIND ENERGY ASSOCIATION


HWEA
Hellenic Wind Energy Association

e-workshop

Wind Energy and circular economy: Recycling of wind turbines

Thursday, 24 February 2022
11:00 – 16:00 CEST

Link connection:

<https://www.livemedia.gr/eletaen-anakyklwsi-anemogennitriwn>

The wind industry is committed to the circular economy by accepting, under the Green Agreement, the European Commission's action plan for circular economy. This plan focuses on reducing resource waste, reusing materials and producing energy from waste production processes.

Today, the 85-90% of wind turbines' total mass can be recycled in an effective way. However, wind turbine blades remain a challenge, due to the composite materials used for their construction. On the website [ask4wind](#) more information can be found, among which the existing methods for recycling of composite materials. The wind industry is already moving towards the development of new technologies that will make the industry fully sustainable in an effective way. International companies have already announced their research projects and targets.

All the above, along with the best international practices, experiences and perspectives for Greece will be discussed during ELETAEN's **online workshop** with representatives of the government, industry and society.

HWEA/ELETAEN

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Agenda

Time is CEST i.e. Athens' time

11:00 | Opening – Greetings

- 11:00 **Panagiotis Ladakakos** – President of Hellenic Wind Energy Association, ELETAEN
- 11:10 **Alexandra Sdoukou** – General Secretary for Energy and Mineral Resources
- 11:25 **Giles Dickson** - CEO WindEurope

11:40 | Introductory speeches

Moderator: Panagiotis Ladakakos – President of Hellenic Wind Energy Association

- 11:50 **Manolis Grafakos** – General Secretary for Waste Management
- 12:05 **Petros Varelidis** – General Secretary for Natural Environment and Water Resources
- 12:20 **Yiannis Yiarentis** – Chairman & CEO of DAPEEP
- 12:35 **Dimitris Papastergiou** – President of the Central Union of Greek Municipalities

- 12:50 Break

13:00 | Session: The Wind Industry for recycling

Moderator: Panagiotis Papastamatiou – CEO, Hellenic Wind Energy Association

- 13:05 **Alexander Vandenberghe** - Research & Innovation Manager, WindEurope
Blades' recycling: Existing methods and the prospects
- 13:20 **Mie Elholm Birkbak** - Specialist, Next Gen. Concepts and Partnering Innovation & Concepts, Vestas
Vestas towards sustainable end-of-life treatment of legacy blades and novel blades
- 13:35 **Jonas Pagh Jensen** - EHS Specialist, Siemens Gamesa Renewable Energy
Achievements and targets of SGRE for fully recyclable wind turbines
- 13:50 **Matthew Geraghty** - Decommissioning Specialist, DNV
Re:Wind – Accelerating sustainability in decommissioning
- 14:05 Discussion

- 14:25 Break



14:35 | Session: The current situation and the prospects in Greece

Moderator: Efi Karra – Executive Assistant to CEO, Hellenic Wind Energy Association

14:40 **Nikos Charalampidis** – Executive Director of Greenpeace Greece

Climate Change, circular economy and wind energy

14:55 **Filippos Kirkitsos** – President of Ecological Recycling Society

Wind Turbines' alternative management

15:10 **Angelos Kasimis** – Director of Operation & Generation Management, PPC Renewables

The first repowering in Greece: The case of PPC Renewables

15:25 **Pavlos Filippou** – Account Manager, Polyeco

Waste and blade's management of wind farms

15:40 Discussion

16:55 Concluding remarks - End of e-workshop

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