REWIND

Efficient decommissioning, repurposing and recycling to increase the circularity of end-of-life wind energy systems.

CONCEPT

REWIND will develop suitable disassembly, quality inspection and characterisation of the composite waste, to decide if composite parts from EoL products should be **reused** or recycled depending on their value. **REWIND** will show potential high-value applications for composite end-of-life: repurposing for construction and automotive sector.

New innovative pyrolysis and solvolysis methods for **recycling** will be developed to reduce the processing temperature and time. The secondary raw materials obtained (sized recycled fiber fabrics and recycled vitrimer matrix from polymerized monomers) will be used to **rethink** and manufacture a small wind blade root section and composites patches for blades repairing

PARTNERS

AIMPLAS · alkè · bcircular · PNO INNOVATION · Composite Patch · DTNF · HS PF · IPC · Miljøskærm · R-NANO · suez · Tekniker · tpi · AEMAC

Photo by @mc._hb

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