

BLADES2BUILD



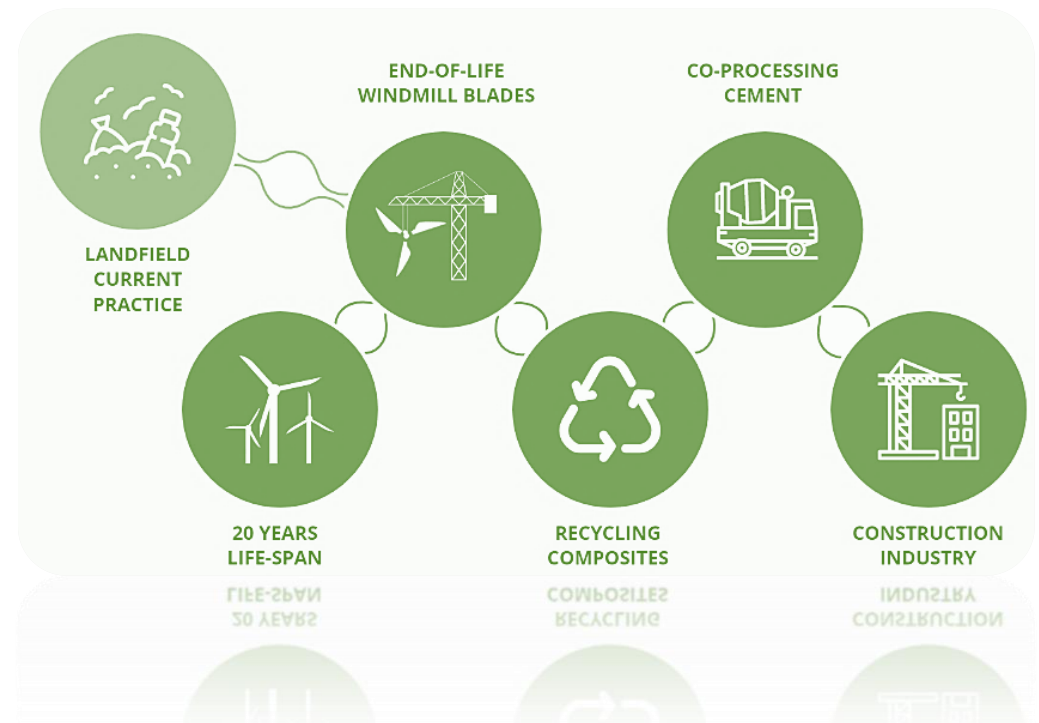
RECYCLE, REPURPOSE AND REUSE END-OF-LIFE WIND BLADE COMPOSITES A COUPLED PRE- AND CO-PROCESSING DEMONSTRATION PLANT

Project coordinator: DTU - Technical University of Denmark (Dr. Ana Teresa Macas Lima)

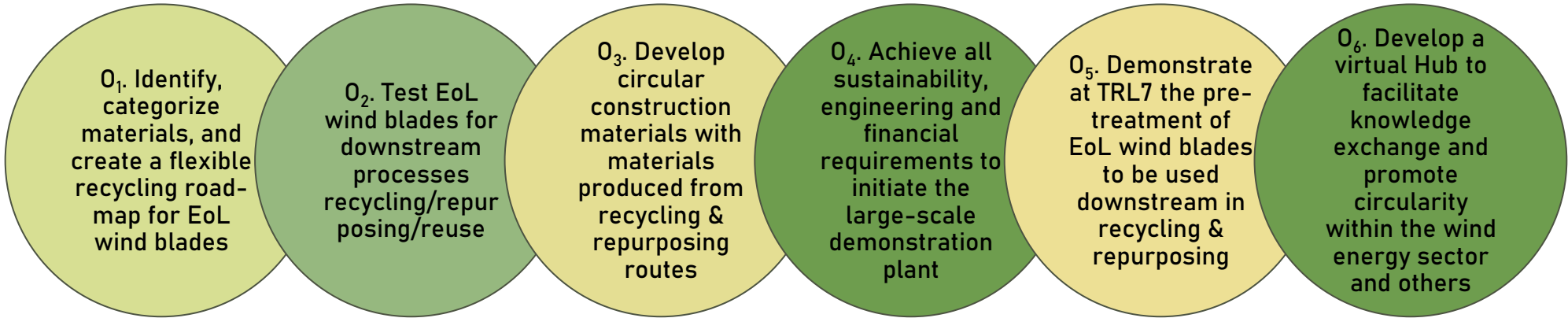
- ❑ By 2030, Renewable Energy Sources, and its infrastructures, are expected to increase by 40% in Europe. **Wind energy** is one of the most popular and applicable source.
- ❑ The repowering in the **wind energy** sector brings an enormous waste stream of end-of-life wind blades. Today, these blades are being deposited directly in landfills, with no circular options available in the market.

The aim of **BLADES2BUILD** is to improve and support circularity options of end-of-life wind blades by exploring three different circular stages:

- ✓ Direct re-use of the EOL wind blades with minimal refurbishment or processing.
- ✓ Re-purpose of individual materials constituents of the blades (and manufacturing waste).
- ✓ Recycling the blade and glass fibre textiles scraps from the wind blade manufacturing in cement/clinker co-processing as an alternative fuel.



Objectives of BLADES2BUILD



BLADES2BUILD

<https://blades2build.com/>



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Contact:
 ➤ Ana Teresa Macas Lima (Project coordinator): atmli@dtu.dk
 ➤ Gaylord Booto (D&C responsible): contact@globalconsultingsustainability.com

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