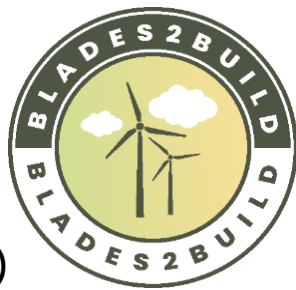


BLADES2BUILD

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

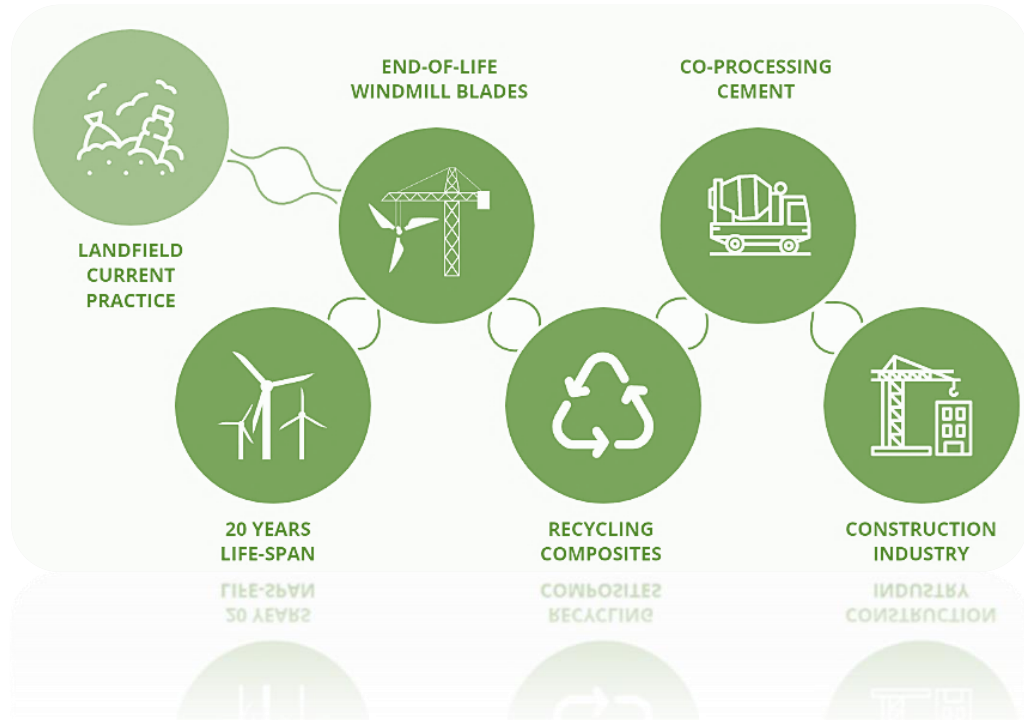


Project coordinator: DTU - Technical University of Denmark (Dr. Ana Teresa Macas Lima)

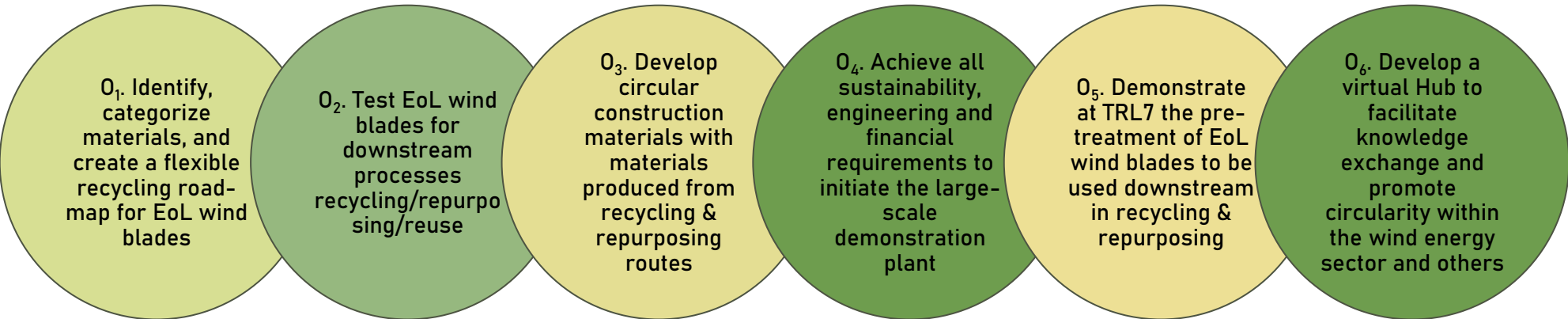
- By 2030, Renewable Energy Sources, and its infrastructures, are expected to increase by 40% in Europe. **Wind energy** is one of the most popular and applicable source.
- The repowering in the **wind energy** sector brings an enormous waste stream of end-of-life wind blades. Today, these blades are 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/>



- Starting date: 01/01/2023
- GA number: 101096437
- Duration: 36 months
- Funding: 12.4M€

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