



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement no. 101096858.



New products from end-of-life wind blades

Andrea Tinti, CETMA

LinkedIn Live Panel Discussion

28 April 2026, online



Photo by Nicholas Doherty on Unsplash

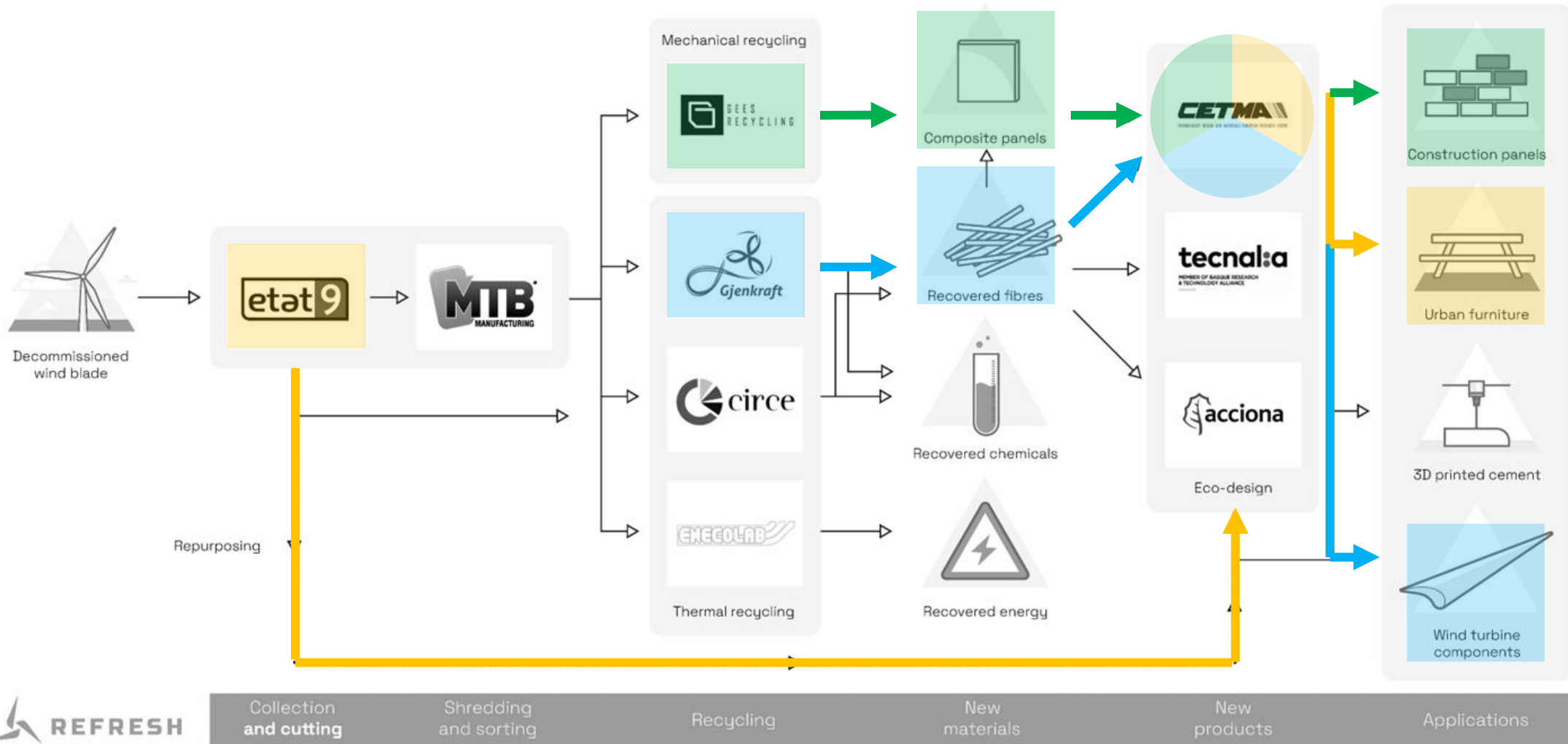
The REFRESH project

and the role of **CETMA**


Communication & dissemination


Project coordinator


Co-funded by the European Union

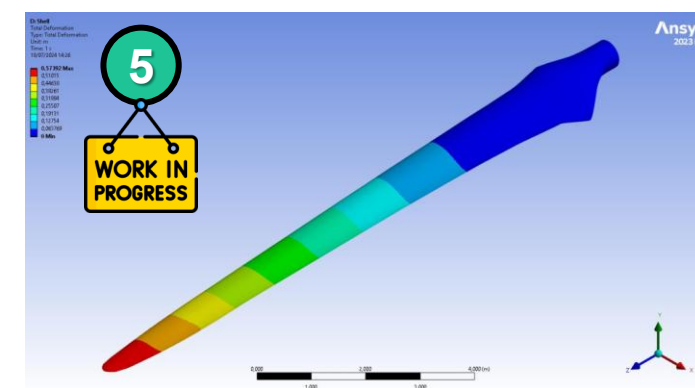
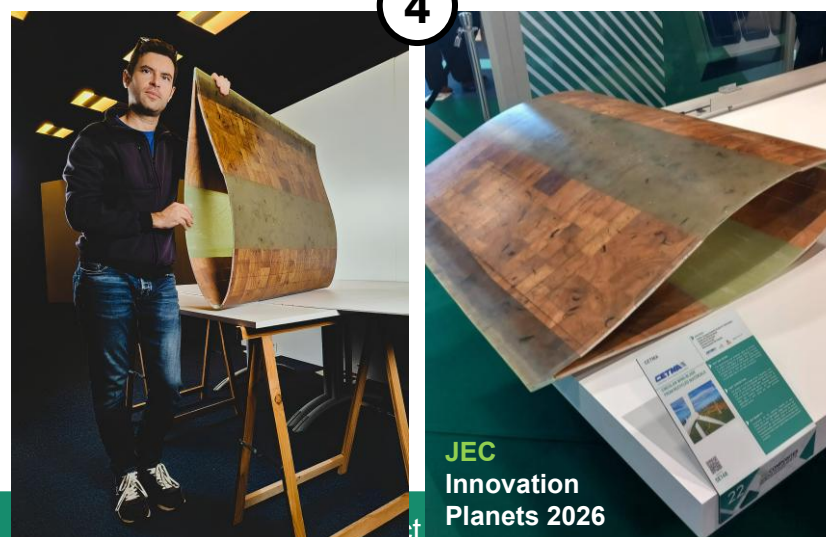
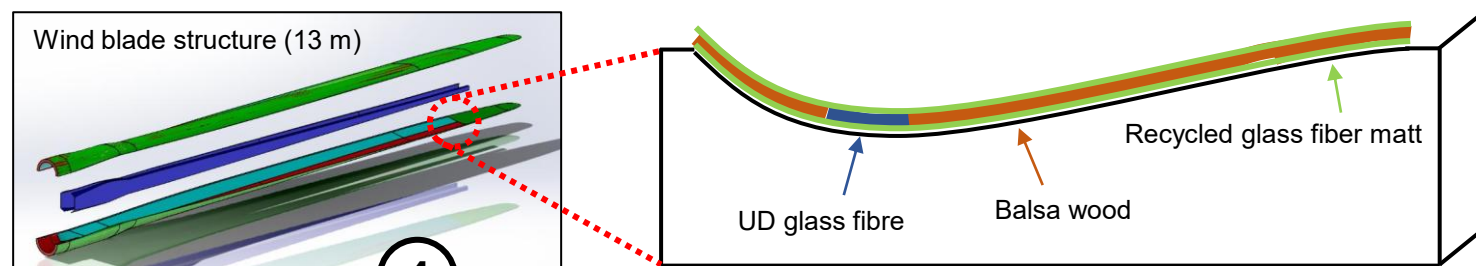
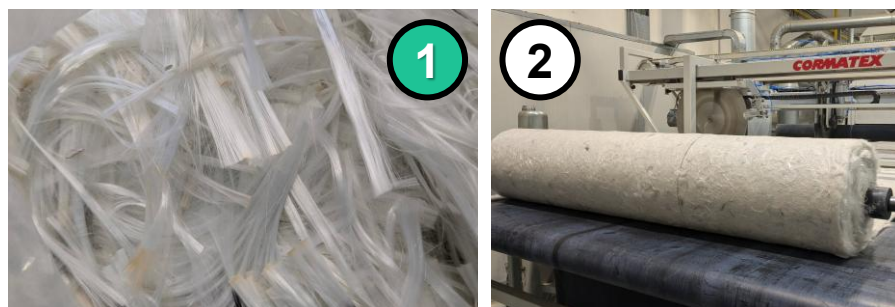


Thermal recycling

The circular wind blade



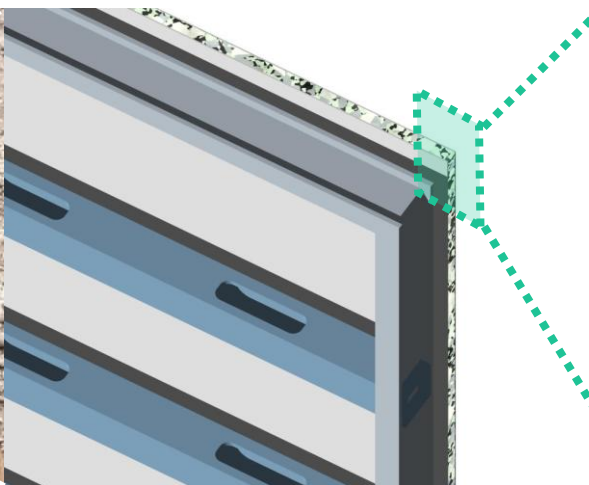
Horizon Europe
101096858



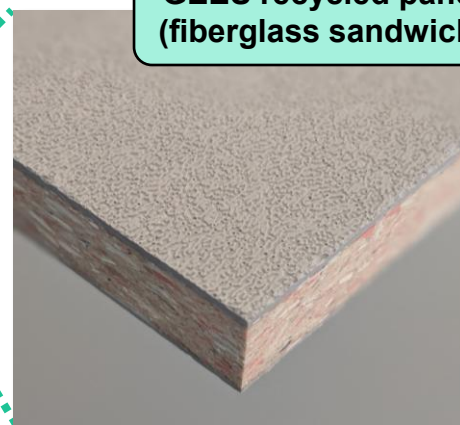
Mechanical recycling

The vertical wall formwork

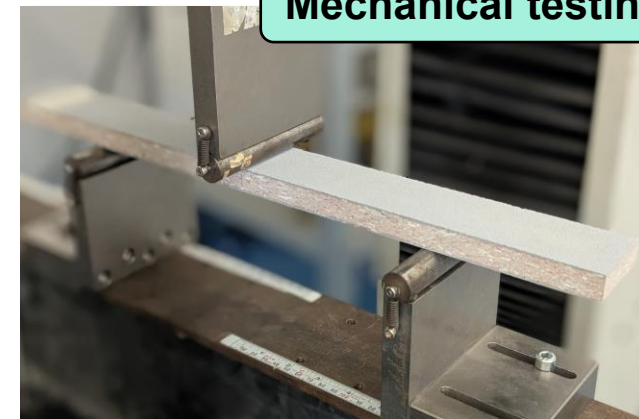
Photo © Doka GmbH



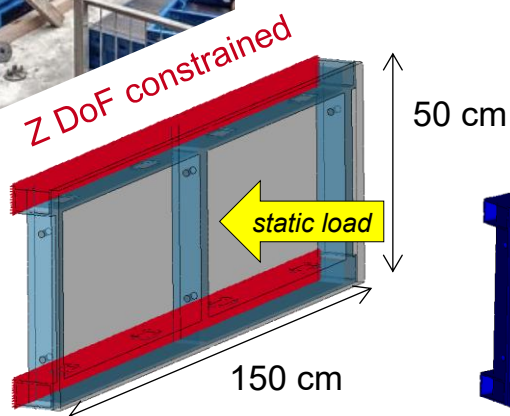
GEES recycled panel
(fiberglass sandwich)



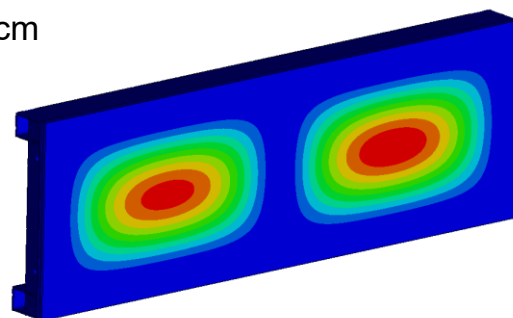
Mechanical testing



Virtual testing layout



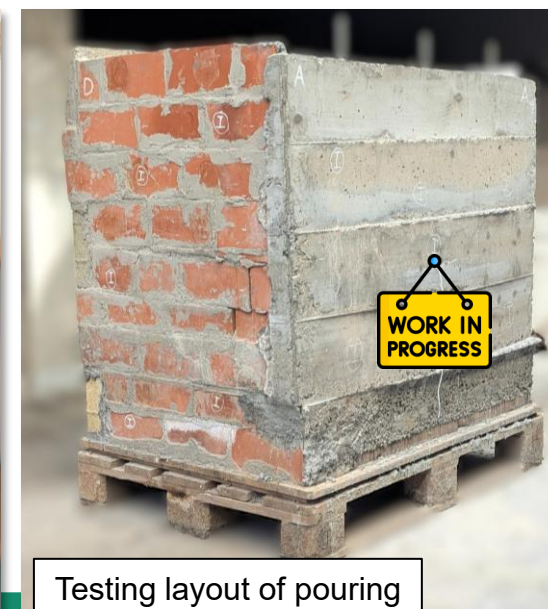
Out-of-plane deformation



Z-displacement
1.875e+00
1.687e+00
1.495e+00
1.312e+00
1.124e+00
9.359e-01
7.478e-01
5.595e-01
3.721e-01
1.842e-01
-3.740e-01



Formwork
demo panels



Testing layout of pouring
a vertical concrete wall

Repurposing The picnic table | The crash cushion

REFRESH PARTNERS

CETMA

etat9

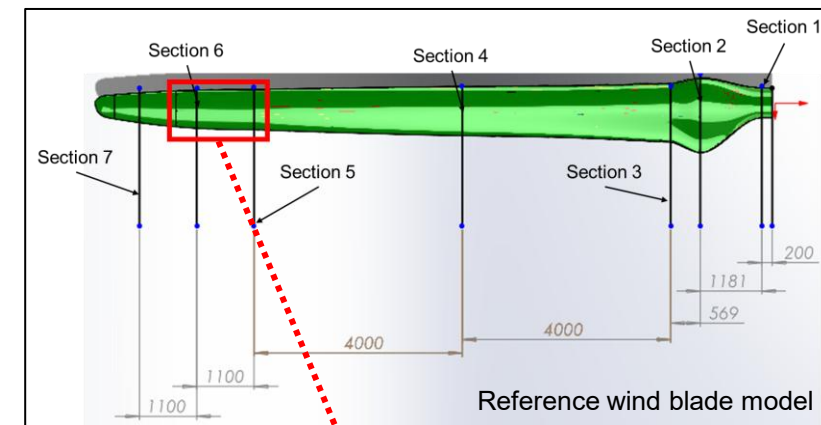


Picnic table (reproduction of J. Joustra et al., 2021)

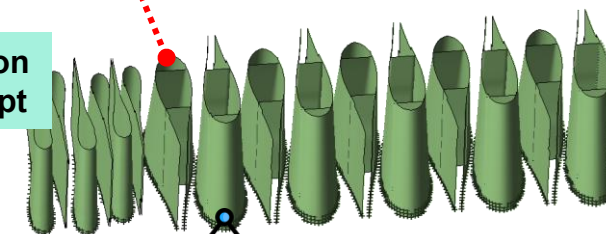


Photo © VALTIR

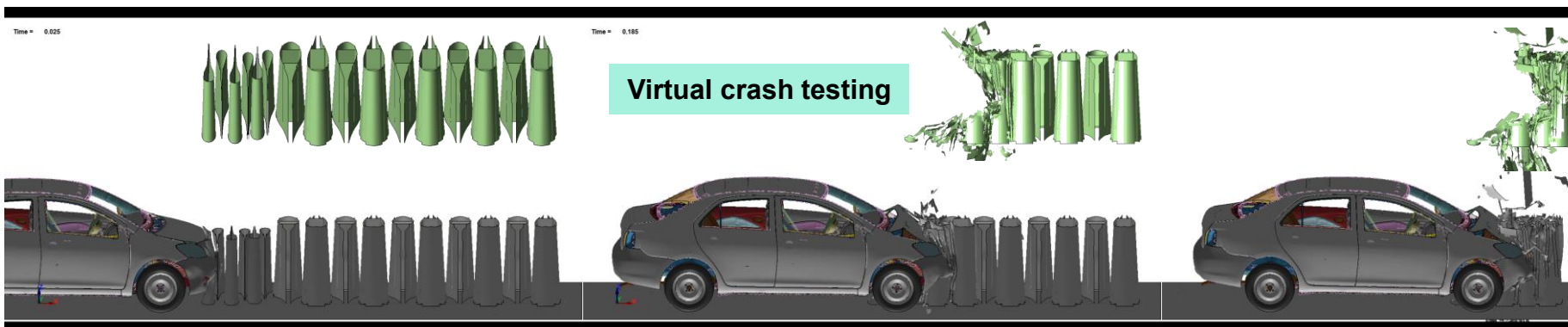
Example of crash cushion system



Crash cushion
demo concept



WORK IN
PROGRESS





This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement no. 101096858



Thank you for your attention!

Andrea Tinti, CETMA

andrea.tinti@cetma.it

Views and opinions expressed here are those of the authors(s) only and do not necessarily reflect those of the European Union. The European Union cannot be held responsible for them.



© Jason Bickley