

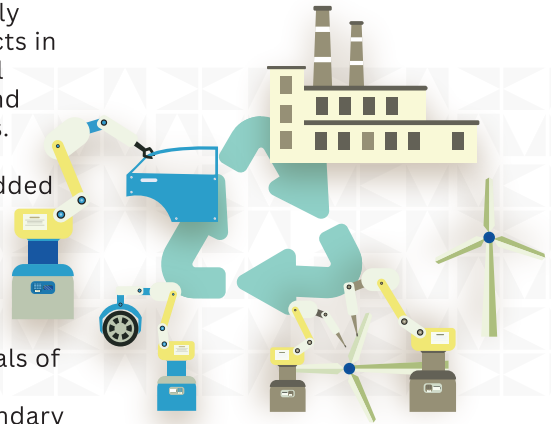
# DEREMCO

DE AND REMANUFACTURING FOR  
CIRCULAR ECONOMY INVESTMENTS  
IN THE COMPOSITE INDUSTRY

**Fiber-Reinforced Plastics (FRPs)** are widely adopted in several massively used products in the electronics, sport equipment, medical equipment, automotive, construction, wind energy, aeronautics and marine industries.

**Composite** recycling and re-use in high-added value applications is one of the major European challenges, potential limiting growth in many strategic sectors.

**DeremCo** will demonstrate the demand-driven circular economy potentials of post-use composites at large scale by unlocking their systematic re-use as secondary material sources in new products across multiple European sectors.



EU CONTRIBUTION  
8 822 751.58



MONTHS DURATION  
36



DEMONSTRATION CASE  
14



OPEN CALL 2

## BACKGROUND:

DeremCo project represents the answer to a European need, identified within the Vanguard interregional network. It is also based on tangible and promising results coming from FiberEUse project.



Two pilot strategies for maximizing the use of end-of-life composite materials as sources for manufacture:

**1** Composite granule demanufacturing, hybrid reprocessing and re-use

**2** Long fiber and matrix demanufacturing, textile reprocessing and re-use

## OBJECTIVES



DEMAND-DRIVEN  
DEMANUFACTURING  
PROCESS-CHAINS



DIGITALIZATION FOR  
CIRCULAR ECONOMY



FORMALIZATION OF DATA  
FOR CIRCULAR BUSINESS  
MODELS



DEMAND-DRIVEN  
MATERIAL  
PREPARATION,  
REPROCESSING AND  
CERTIFIED  
PROCESS-CHAINS

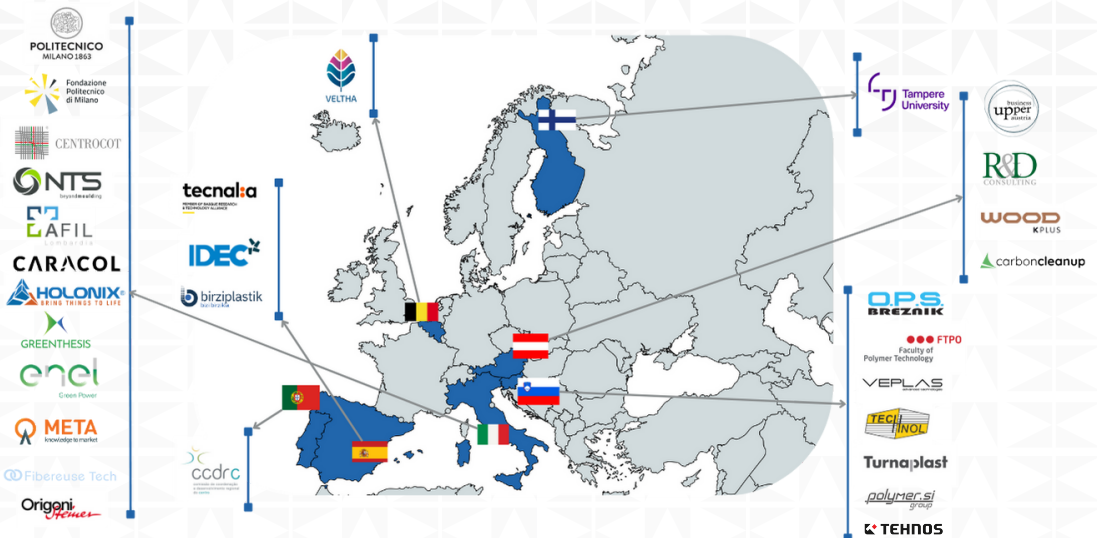


CIRCULAR PRODUCT  
ECO-DESIGN



CIRCULAR ECO-SYSTEM  
BUILDING

## CONSORTIUM



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This project has received funding from the European Union's ERDF under grant agreement No 101084037. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Innovation Council and SMEs Executive Agency (EISMEA). Neither the European Union nor the granting authority can be held responsible for them.



Co-funded by  
the European Union