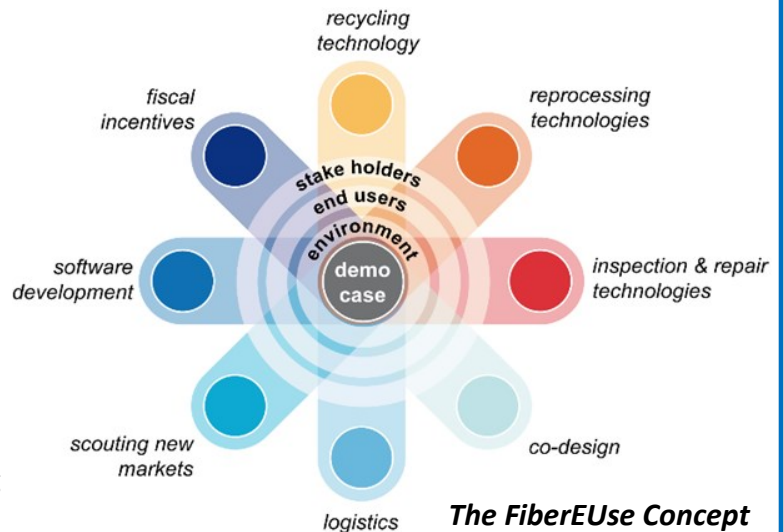


Large scale demonstration of new circular economy value-chains based on the reuse of end-of-life fiber reinforced composites

Overview

FiberEUse (GA No. H2020-730323-1) aims at integrating different innovation actions through a holistic approach to enhance profitability of composite recycling and reuse in value-added products. Through new cloud-based ICT solutions for value-chain integration, scouting of new markets, analysis of legislation barriers, life cycle assessment for different reverse logistic options, **FiberEUse will support industry in the transition to a circular economy model for composites.** It is a €9.8 million research project funded by the European Union since June 2017 and collaborating with 20 partners from 7 EU countries.

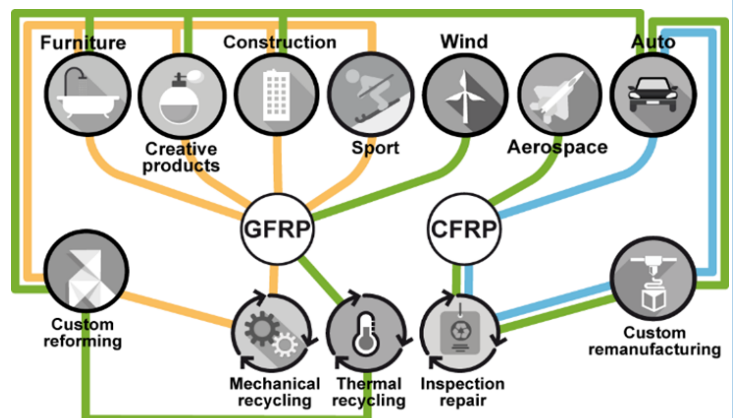


The project is based on the realization of three macro use-cases, further detailed in eight demonstrators:

Use-case 1: Mechanical recycling of short GFRP and re-use in added-value customized applications including furniture, sport and creative products.

Use-case 2: Thermal recycling of long carbon and glass fibers from EoL wind turbines and aerospace components and re-use in high-tech, high-resistance applications demonstrated by the industrial partners in automotive.

Use-case 3: Inspection, repair and remanufacturing for EoL CFRP products in high-tech applications. Adaptive design and manufacturing criteria will be implemented to allow for a complete circular economy demonstration in the automotive sector.



FiberEUse Use-Cases and Industrial Sectors Involved

For more information, please visit www.fibereuse.eu

Collaborative Partners



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