

Revalorisation of Recycled Carbon Fibers and CFRP preparation through Eco design [ECO]

The aircraft industry uses high performance and costly materials for the production of composite components. In some cases, the manufacturing process generates a significant amount of carbon fiber scraps having still good potential properties. This topic aims to investigate technologies to manufacture new semi-products such as yarns, non-crimp fabrics, mats or short fiber reinforcements, which permit to reuse these recycled carbon fibers in semi-structural composite components for engine industry. Procedures to extend the shelf-life and enable the use of unused uncured prepreg material will be investigated as well. Please refer to the full topic descriptions document published in this call.

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