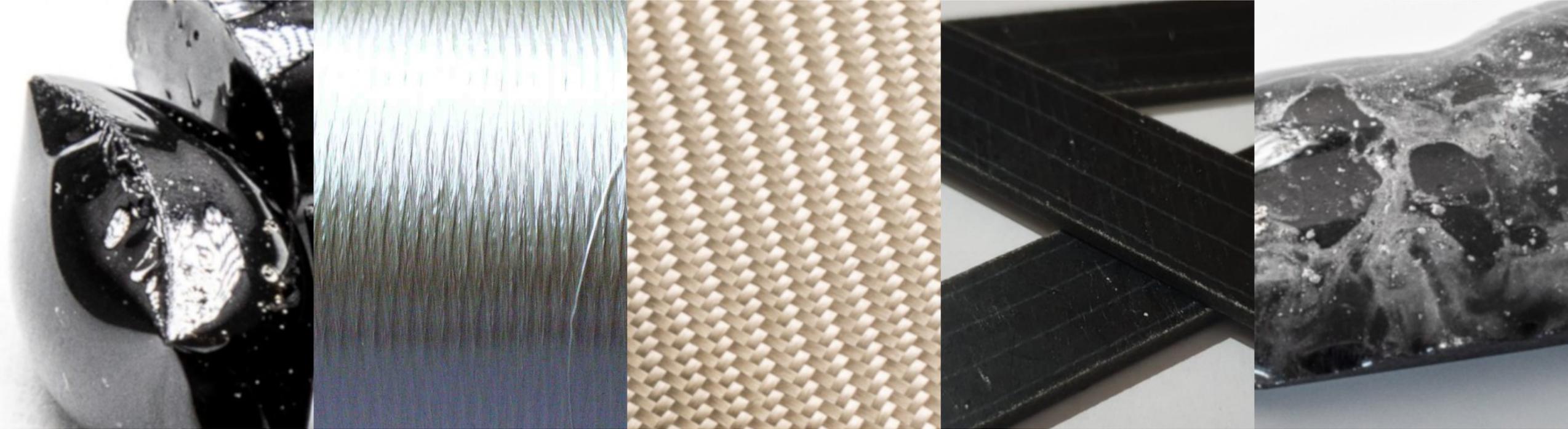




LA SFIDA DELL'ECONOMIA CIRCOLARE PER I MATERIALI COMPOSITI



Investigating Cradle to Cradle composites

Sustainable fibers and recyclable resins to obtain **fully recyclable Cradle to Cradle composites** with full reclaim of raw materials at EoL to be re-transformed into the original fiber and resin.

Zero downgrade on recycled material



LOOP Mini650

Cradle to Cradle recyclable composite sailracing boat demonstrating zero landfill boatbuilding, including a clear and sustainable end of life raw material reclaim



Cradle2Cradle Composites: EIT Raw Materials

Project C2CC validated Cradle to Cradle recyclable fiber-reinforced composites for automotive applications. C2CC partners produced a Fiat500 Abarth bonnet.



Amer Whale: Sustainable Whale watching vessel

Cradle to Cradle Recyclable Composite construction for zero landfill manufacturing
Innovative Waterjet Electric Propulsion for Silent Cruising, Hydrogen powered

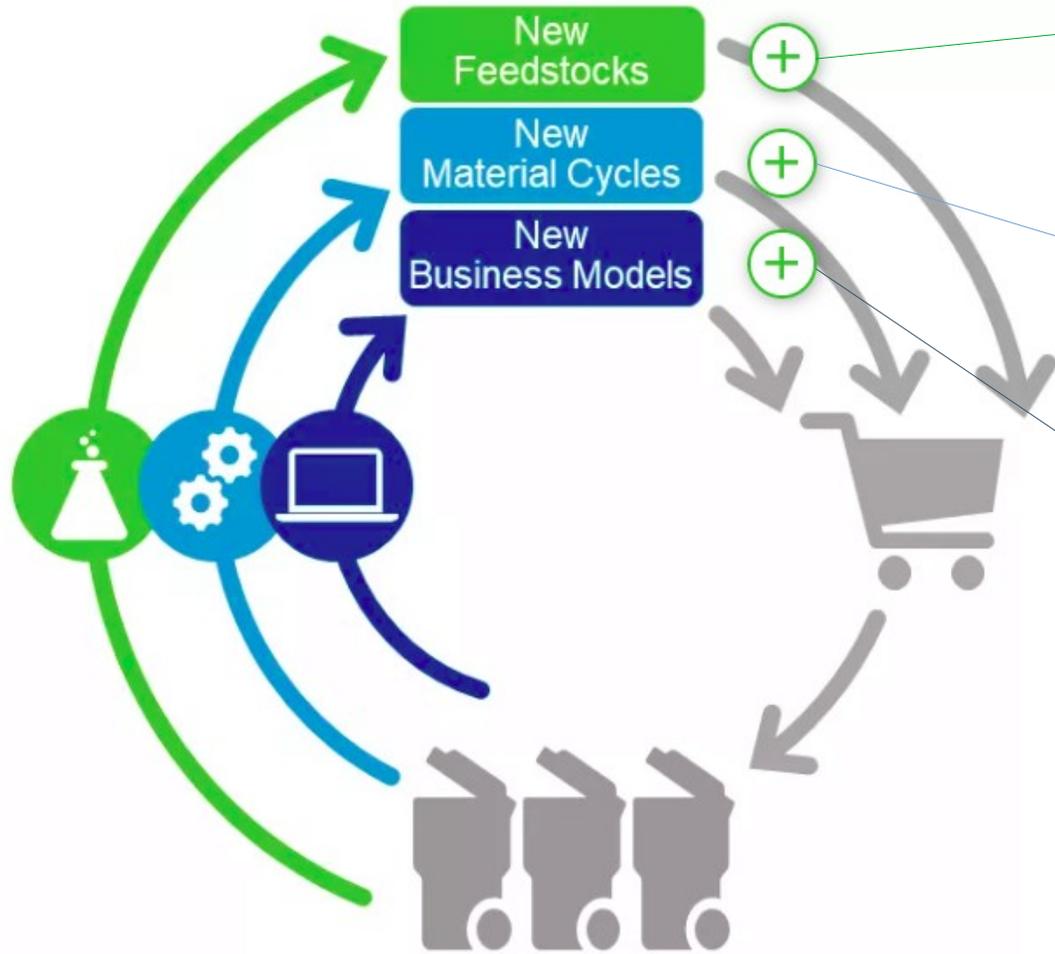


Glemould: C2C Recycled Fiberglass Solution

Moulds and Tools made of material obtained from the recycling of fiberglass reclaimed at the end of its life, mixed with glass fibres and unsaturated polyester resins.

A SHIFT TOWARD RESPONSIBLE DEVELOPMENT

Any raw material transformation should be approached with a clear sustainable solution to reclaim the same raw material at end of life



Renewable, recyclable and recycled feedstocks from sustainable sources

Planning circularity in the product development and at design stage

Digitalisation and offering service models rather than selling a product



Re:INVENTING DESIGN - BMW i Vision Circular

Create a vehicle that is optimised for closed materials cycles and achieves 100% use of recycled materials / 100% recyclability. This involves making particular use of materials that have already completed a product life cycle – or secondary materials as they are known – alongside certified bio-based raw materials



The Race Around – Futures Programme (co-founder)

To create a race that is also one that challenges how we, as an industry, operate on land. The innovative Futures Programme aims to highlight ways, using cutting edge technology, that we can all play a part in reducing our impact on the planet.