

Pre-consumer waste or Post-consumer waste?

Life Cycle Assessment (Life Cycle Assessment, LCA)

Objective method of assessing and quantifying the environmental footprint associated with a product throughout its life cycle.

In 2021, Fedrigoni developed **Im:pect**

Twin tools (Eco-design Tool) - third-party verified - for **calculating the energy, water and carbon footprint** of our paper product families and self-adhesive materials.

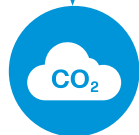
Clear reporting of three environmental indicators



Energy



Water



CO₂ emissions

The tool measures the impacts of the supply chain and our production processes, with **the possibility of quantifying the end-of-life impact.**

The adoption of **Im:pect** shows that:

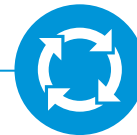


The use of **POST-cw pulp** (*PCW or Postconsumer waste*) **does not reduce the environmental impacts of our products***.

*Waste collection, treatment and in particular the de-inking process, generate further environmental impacts.



PRE-cw (Pre-consumer waste, both in-house and off-site), being reused without undergoing any recycling operation, **reduce the environmental impact of our paper.**



Fedrigoni promotes an approach that prefers the reuse of PRE-cw (as opposed to POST-cw) within its paper, thereby protecting technical performance.