

FOR IMMEDIATE RELEASE

New Corrugated Life Cycle Analysis (LCA)

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FEFCO (European Federation of Corrugated Board Manufacturers), together with CCB (Cepi Container Board), has released the new “European Database for Corrugated Board Life Cycle Studies 2021”.

FEFCO and CCB have been collecting and publishing life cycle data for more than 25 years. The life cycle analysis follows a robust process of data collection, evaluation and validation by LCA experts. The process and data are subject to independent peer review by the Institute for Energy and Environmental Research Heidelberg GmbH, Germany.

The 2021 report and data collection cover a significant proportion of the sector representing:

- 84% of the total annual production for kraftliner and semi-chemical fluting and 74% of the production of testliner and recycled fluting.
- 73% of the total annual corrugated board production in average.

This 10th edition shows substantial developments and demonstrates the efforts made by the European corrugated industry and its paper suppliers to reduce their impact on the environment. One such aspect is the use of recycled material for the production of new corrugated packaging indicating an average of 88% recycled content in 2021. The report shows further improvements of environmental parameters:

- 18% reduction in consumption of wood and 4 % reduction in the consumption of recovered paper, indicating continuous improvements to reduce resource use.
- 5% decrease in fossil fuels consumption.
- 28% decrease in emissions of NOx at the production sites.
- 33% decrease in emissions of SOx at the production sites.

FEFCO and CCB are committed to continue providing LCA data in a transparent and consistent approach to support the evolution of the industry practices and the overall environmental performance of the sector demonstrating the industry is aligned with the EU Green Deal ambitions.

The PDF version can be downloaded [here](#)

For additional information, please contact:

Nathalie Schneegans, Communications Director: nathalie.schneegans@fefco.org, +32 2 6500832.

Note to the editors

FEFCO (European Federation of Corrugated Board Manufacturers) represents the interests of the European Corrugated Board Manufacturers. Headquartered in Brussels, FEFCO has 17 Association members, all European national corrugated packaging organisations. The role of the Federation is to investigate economic, financial, technical and policy issues of interest to the corrugated packaging Industry, to analyse all factors which may influence the industry, and to promote and develop its reputation.

Europe's corrugated industry in Europe makes about 50 billion square metres of board per year, enough to cover Denmark. It has 373 companies, 646 plants and accounts for around 100,000 jobs. Corrugated cardboard packaging is circular by nature: it is based on a renewable resource; it is recyclable and recycled in reality. The average box weight decreased by 9% between 1996 and 2018 and contains on average 89% recycled material.