

PRESS RELEASE

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APEAL DELIVERS FULL TRANSPARENCY ON THE SUSTAINABILITY OF TINPLATE PACKAGING WITH AN UPDATED LIFE CYCLE ANALYSIS DATASET

APEAL, the Association of Producers of Steel for Packaging, has confirmed that its latest tinplate Life Cycle Inventory (LCI) data is International Life Cycle Database (ILCD) compliant and is now accessible from the APEAL website.

The latest study from APEAL, conducted in 2014, evaluates the European production of tinplate in a cradle to gate analysis and is composed of data from 2012-2013. All production steps from the extraction of raw materials to manufacturing of the coil were taken into account.

Inclusion of the dataset on the ILCD, the International Platform in Life Cycle Assessment launched by the European Commission in 2014, confirms APEAL's data as the European reference dataset for tinplate and the only one to be used for relevant and up to date studies.

Alexander Mohr, secretary general of APEAL, said: "Life cycle thinking is vital for the future and for moving towards a circular economy.

"We have been clear and transparent about the complete environmental profile of tinplate packaging since 2006. We want our customers, and all our stakeholders, to have the full picture so that they can make informed and sustainable choices about packaging."

The results of the LCI study show that the steel for packaging industry has made continuous improvements in environmental performance since 2006: CO₂ emissions from tinplate production have decreased by 12%, and primary energy demand has dropped by 2%.

The additional impact of steel's Europe-leading recycling rate is also clearly shown within the profile. When the 2012 recycling rate of 74% is taken into account, primary energy demand drops by 30% and emissions are reduced by 46%.

The study was undertaken in accordance with the international standards for life cycle assessment ISO 14040/44 and the Worldsteel LCA methodology. The data is intended for use by all customers and scientific bodies as the reference dataset for tinplate packaging steel in Europe.

All details, including how to access the dataset, can be found at www.apeal.org/life-cycle.

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About APEAL

APEAL - the Association of European Producers of Steel for Packaging is a federation of the four major producers of steel for packaging (ArcelorMittal, Tata Steel Packaging, ThyssenKrupp Rasselstein, U. S. Steel Košice). In total these four companies employ over 200,000 workers in Europe. Founded in 1986, APEAL represents today about 95% of the total European production of steel for packaging.

About Steel for Packaging

Steel is a unique packaging material, combining exceptional performance capabilities with unrivalled environmental credentials. Strong, formable and long-lasting, steel offers numerous benefits for the safe packaging of a wide variety of products.