ENVIRONMENTAL HIGHLIGHTS 2018
Packaging by nature™ - 10 years and beyond

We are proud of Elopak's achievements since we started reporting systematically on environmental impact 10 years ago. Reducing energy consumption, improving efficiency and sourcing renewable electricity has led to a 70% reduction in our company emissions, confirming our strong commitment and long term focus.

Packaging by nature™ is the core of our business – our cartons and our people. Sourcing sustainable and renewable raw materials remains our key focus area, with a continuous drive on responsible forestry and our renewable PE products.

Becoming a carbon neutral company in 2015 was a key milestone for us. Continuous reductions help, but cannot eliminate our emissions completely. To neutralize the remaining emissions we invest in carbon reduction projects, not just to claim that we are carbon neutral - but to do something good for the planet and its people.

In 2018, we committed to Science Based Targets to make sure we do our part in the much-needed reduction of climate impact on our planet. We also enhanced focus on recycling of our cartons after use, an increasingly important factor to reduce littering and ensure a circular economy.

10 years on – where do we go from here? Sustainability is not something we do, it is something we are. We will further strengthen our sustainability focus and raise the bar on sustainable business.

“Sustainability is not something we do, it is something we are.”

Thomas Körmendi
CEO & President, Elopak

About Elopak

Making packaging count, making customers matter.

Vision & values

Making packaging count, making customers matter.

3 000+ employees

1 bn EUR revenue

15+ billion cartons

Renewable raw materials

Carbon neutral

Recyclable

Making packaging count, making customers matter.
**EXTR:ACT**

DRIVING VALUE FROM MULTIMATERIAL RECYCLING

New industry platform founded to drive engagement in carton recycling across Europe.

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**SCIENCE BASED TARGETS**

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Elopak committed to Science Based Targets initiative in 2018.

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**Kenya cookstoves project:** Subsidizes the manufacture and sale of fuel-efficient cookstoves across Kenya.

**Rimba Raya rainforest protection project:** Protects the local rainforest and the orangutan population in Borneo, Indonesia.

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An average of **48%** beverage cartons recycled in Europe

An average of **37%** of Elopak cartons sold in Europe and North America were recycled

99% of Elopak’s internal paperboard and carton waste recycled

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Since Elopak became carbon neutral, we have offset more than **109,000** tonnes of GHG emissions (CO₂e).

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1. Forest Stewardship Council™ (FSC®). FSC® C0081801. Look for FSC certified products – the mark of responsible forestry. www.fsc.org
2. 100% owned subsidiaries
3. Based on internal cradle-to-gate calculations in Elopak’s DEEP tool, version 8. The numbers represent PE coated cartons with closures, for fresh dairy products.
Since the launch of cartons featuring renewable PE, Elopak has saved **7 320** tonnes of GHG emissions. Elopak was the first packaging company to join the RE100 campaign and has been sourcing 100% renewable electricity since 2016.\(^5\)

**50% average growth per year in sales of renewable PE cartons**

Over the past decade, Elopak has experienced a significant increase in the sales of renewable PE cartons, with a 50% average growth per year. This trend reflects the growing demand for sustainable packaging solutions.

**Elopak Group's GHG emissions**

- Since 2008, Elopak's GHG emissions have decreased by 70%.
- The company has been able to reduce its emissions significantly, with a notable decrease from 2012 onwards.

**Elopak Group's Energy Intensity from Production**

- From 2008 to 2018, Elopak's energy intensity has decreased, indicating improved efficiency in production processes.
- The energy intensity in 2018 was significantly lower compared to 2008, reflecting ongoing efforts to enhance sustainability.

**Carbon Footprint of an average Elopak PE carton with closure**

- The carbon footprint of an average Elopak PE carton is **24,92 g CO\(_2\)e/carton**.

**Elopak Group’s 2018 emissions related to third party transport is 24 238 tonnes CO\(_2\)e**

- Elopak has made significant strides in reducing its overall carbon footprint, with a notable reduction in transportation emissions.
Elopak first to hit one billion mark for 100% renewable cartons

During 2018, Elopak was the first manufacturer to deliver over one billion 100% renewable cartons, after launching beverage cartons featuring certified renewable polyethylene (PE) in 2014.

Elopak’s cartons offered with renewable PE, help ensure resources for future generations. In addition, using a renewable feedstock instead of a fossil one, significantly reduces the carbon footprint of the cartons.

Elopak offers renewable PE from two different sources. One is derived from sugar cane, the other is based on tall oil, a residue from pulp and paper production.

Pure-Pak® cartons with Natural Brown Board

Elopak has a continuous focus on developing and offering fully sustainable products. In 2018 Elopak took a step forward in sustainable packaging and launched aseptic Pure-Pak® cartons made with Natural Brown Board.

The new aseptic Natural Brown Board Pure-Pak® cartons are carbon neutral and introduced only one year after Elopak launched the first fresh gable top carton made from Natural Brown Board. Since its 2017 launch, the fresh carton has been successful on shelf across Europe for market-leading multinational and medium sized dairies.

The aseptic Pure-Pak® cartons have one less layer and thereby retain the natural brown colour of the wood fibres which gives a visible fibre structure. This also results in reduced carbon footprint and reduced weight, providing a naturally different, sustainable and authentic package that meets demands from growing trends in ethical, ecological and organic products.

“Reaching one billion fully renewable cartons is a major milestone for Elopak and a great contribution to reducing the use of fossil resources.”

Marianne Groven
Director Environment, Elopak