

# 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.

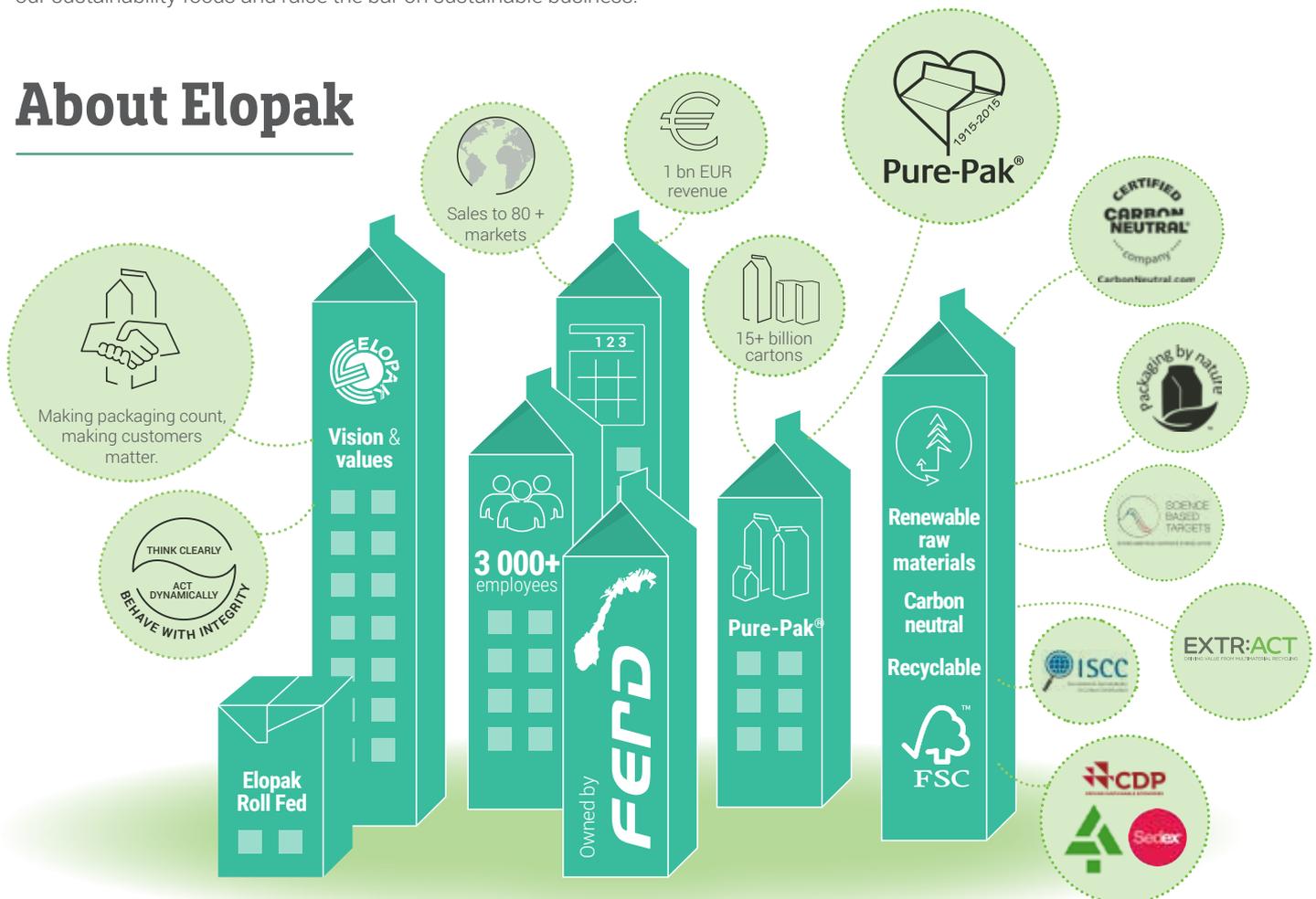
10 years on – where do we go from here? Sustainability is not something we do, it is something we are. We will further strengthen our sustainability focus and raise the bar on sustainable business.



"Sustainability is not something we do, it is something we are."

Thomas Körmendi  
CEO & President, Elopak

## About Elopak



\*inclusive joint ventures



# EXTR:ACT

DRIVING VALUE FROM MULTIMATERIAL RECYCLING

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



CarbonNeutral.com



## SCIENCE BASED TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Elopak committed to Science Based Targets initiative in 2018.

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

**99%** of Elopak's internal paperboard and carton waste recycled

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



CarbonNeutral.com

Since Elopak became carbon neutral, we have offset more than

# 109 000

tonnes of GHG emissions (CO<sub>2</sub>e).



**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.



<sup>1</sup> Forest Stewardship Council™(FSC™). FSC™ C081801. Look for FSC certified products – the mark of responsible forestry. www.fsc.org

<sup>2</sup> 100% owned subsidiaries

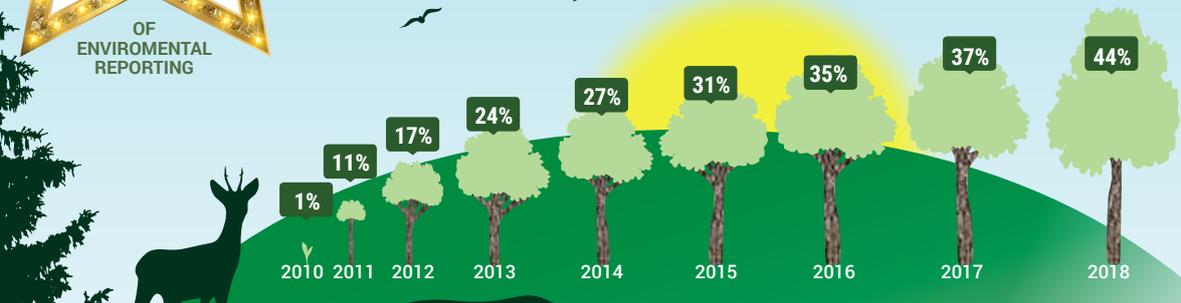
<sup>3</sup> Based on internal cradle-to-gate calculations in Elopak's DEEP tool, version 8. The numbers represent PE coated cartons with closures, for fresh dairy products.



10 YEARS OF ENVIRONMENTAL REPORTING

## Elopak Group global FSC™ sales<sup>1</sup>

(percentage of sales)



**100%**

of Elopak's paperboard is sourced from verified legal and acceptable sources.<sup>4</sup>

Since the launch of cartons featuring renewable PE, Elopak has saved

**7 320**

tonnes of GHG emissions.

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



## Elopak Group<sup>2</sup> GHG emissions

(tonnes CO<sub>2</sub>e)



**70%** reduction since 2008

**RE 100**



Elopak was the first packaging company to join the RE100 campaign and has been sourcing 100% renewable electricity since 2016.<sup>5</sup>

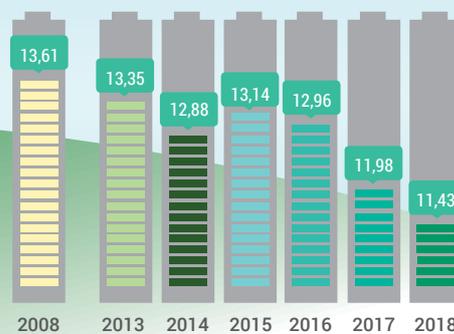


Carbon Footprint of an average Elopak PE carton with closure:

**24,92** g CO<sub>2</sub>e/carton<sup>3</sup>

## Elopak Group<sup>2</sup> Energy Intensity from Production

(kWh/1 000 cartons produced)



Elopak's 2018 emissions related to third party transport is:

**24 238 tonnes CO<sub>2</sub>e**



<sup>4</sup> According to standards set by FSC™

<sup>5</sup> RE100 is a collaborative initiative of influential businesses committed to 100% renewable electricity



## 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.

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## 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.



"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



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[www.elopak.com](http://www.elopak.com) including Methodology chapter



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