

Tetra Pak wins Resource Efficiency award at the Sustainable Packaging News awards 2024

Tetra Pak's aseptic carton package with a paper-based barrier launched in collaboration with Lactotal recognised as a breakthrough innovation in sustainable packaging.



Bangkok, Thailand 30 January 2025 - Tetra Pak has received the 'Resource Efficiency' Award at the Sustainable Packaging News Awards 2024, for its [paper-based barrier material](#) innovation. The awards recognise the most innovative advancements in sustainable packaging over the past year.

A world-first in the carton packaging industry, the paper-based barrier when combined with plant-based polymers, reduces the carbon footprint of aseptic food packaging by up to one-third, while maintaining the highest standards of food safety and performance. The carbon reduction achievement has been verified by the Carbon Trust.

As global food systems call for low carbon renewable materials, the packaging industry is seeking alternatives to the aluminium foil layer, which represents an excellent source of food protection against oxygen and light. By replacing this layer with a paper-based barrier, the paperboard in Tetra Pak's cartons is increased - from an average of 70% paper content - to approximately 80%, helping to reduce the carbon footprint of the package.

When combined with plant-based polymers, the paper-based barrier increases the total share of renewable content of an aseptic carton up to 90%.

Marco Marchetti, Vice President Packaging Materials, Sales and Distribution Solutions, Tetra Pak comments: "We are honoured to accept this award from Sustainable Packaging News for our paper-based barrier material innovation. This award highlights our commitment to customer-driven innovation by harnessing the power of paper to achieve renewability, recyclability, and carbon reduction while safeguarding food safety.

¹Source: Carbon Trust- verified Tetra Pak 'Carton CO2 Calculator' model version 9 (valid from 2023-01-01). Scope: cradle-to-grave measurement of a Tetra Brik® Aseptic 200 Slim Leaf carton with plant-based polymers in coating and paper-based barrier compared to a standard Tetra Brik® Aseptic 200 Slim Leaf package. Geography: EU Industry data.

"We are proud to collaborate with customers, suppliers, and partners on our journey to transform food systems for a low-carbon future. Together, we are paving the way for a new era of sustainable packaging that protects both food and the planet."

Praeporn Amornpanupun, Packaging Portfolio Director at Tetra Pak (Thailand) Limited adds "Paper serves beyond just a packaging material—it's a solution that meets today's market needs while tackling tomorrow's environmental challenges. As climate concerns escalate, we will continue to innovate sustainable solutions, like paper-based barriers, to realize our vision for a low-carbon future and secure food systems. Receiving the Resource Efficiency Award reaffirms our commitment. We'll keep ensuring food and beverages remain safe, flavorful, and of the highest quality with innovative packaging solutions that prioritize functionality and sustainability."

Find out more about the Sustainable Packaging Awards 2024, alongside a full list of winners [here](#).

[Discover more](#) about the paper-based barrier and the collaboration with Lactogal to launch the Tetra Brik® Aseptic 200 Slim Leaf carton with this new material innovation.

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ABOUT TETRA PAK

Tetra Pak is a world leading food processing and packaging solutions company. Working with our customers and suppliers, we provide access to safe, nutritious food for hundreds of millions of people in more than 160 countries every day.

With over 24,000 employees worldwide, we commit to making food safe and available, everywhere, and we promise to protect what's good: food, people and the planet.

More information about Tetra Pak is available at www.tetrapak.com/th.

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