

New biobased cups made from recycled PLA

Launch of recycled PLA for FFS - form fill seal

GORINCHEM, Netherlands, 9 May 2023 – TotalEnergies Corbion and Coexpan are launching a PLA biobased cup using recycled PLA, available in both white and high transparency. Coexpan has many years of experience with PLA, and the PLA cups can achieve line speeds output, comparable to other plastic materials, using FFS technology.

In the context of responsiveness packaging design complying with the new sustainability demands, Coexpan and Innotech are continuously researching for options to reduce the footprint of the products they offer. With this solution, TotalEnergies Corbion, Coexpan & Innotech are creating a new package and contributing actively to one of today's main challenges in terms of sustainability.

"Another milestone has been achieved! We are very proud to include in our portfolio a new sustainable product that increases the number of technical solutions we can put on the market, a clear added value for all our customers. Having used this material for more than 10 years, we are undoubtedly the leading PLA resin converter in the FFS market," said Gonzalo Sanchez, Coexpan's recycling manager.

Derek Atkinson, Senior Director Sales and Business Development, added: "providing PLA solutions to our customers with their existing technology is a priority for TotalEnergies Corbion. We have a team of specialized engineers to work with our partners and develop the right Luminy® PLA grades. And we also buy back the used PLA to recycle it at our facilities. Advanced recycling of PLA is much more energy efficient process in comparison with other plastics. We appeal to all PLA users to get in touch and set up a collection structure."

Environmental stresses have increased pressure to meet recycling and sustainability targets. With the readily available recycled rPLA, brands can offer consumers sustainable options, without additional investment or significant changes in existing FFS facilities.

Luminy® rPLA is a biobased polymer produced from sugarcane. The carbon captured from the atmosphere by the sugarcane is kept in the cycle with advanced recycling. The rPLA has the same properties as virgin PLA, including food contact approval in the EU (EC No. 10/2011), the USA (FDA 21 CFR) and China (GB 9685-2016).

Meet Coexpan at **hall 10 E44** at Interpack 4-10 May 2023 in Dusseldorf, and at the TotalEnergies Corbion at **hall 9 E01**.

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About COEXPAN:

Part of Grupo Lantero, is the first mover in extrusion with 50 years of experience in the industry and specialized in the manufacture of rigid plastic sheets and thermoformed products, providing solutions for the packaging industry globally. www.coexpan.com/

About INNOTECH:

Located in Alcalá de Henares, Madrid, Innotech is Grupo Lantero's Open innovation Center for Technological Innovation applied to packaging solutions. Inaugurated in 2019, Innotech is conceived to serve as an open collaboration space where clients, suppliers, associations, public entities and Universities, among others, cooperate on projects aimed at developing more efficient and sustainable packaging that contributes effectively to improving the environment. With more than 1,000 square meters and a large team of experts (R&D, Engineering, Sustainability, Sales and Marketing), the center has large multidisciplinary workspaces, as well as state-of-the-art technology. Within the portfolio of solutions and services that Innotech offers, the following stand out: packaging consulting and advisory, industrial trials and testing of materials; exclusive training and educational services, as well as full scale laboratory analysis. www.coexpan-emsur.com/innotech

About TotalEnergies Corbion

TotalEnergies Corbion (formerly known as Total Corbion PLA) is a global technology leader in Poly Lactic Acid (PLA) and lactide monomers. PLA is a biobased and biodegradable polymer made from annually renewable resources, offering a reduced carbon footprint versus traditional plastics. The Luminy® PLA portfolio, which includes both high heat and standard PLA grades, is an innovative material that is used in a wide range of markets from packaging to consumer goods, fibers and automotive. TotalEnergies Corbion, headquartered in the Netherlands, operates a 75,000 tons per year PLA production facility in Rayong, Thailand and has recently announced the intention to build a second plant in Grandpuits, France. The company is a 50/50 joint venture between TotalEnergies and Corbion. www.totalenergies-corbion.com

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