



PRESS RELEASE

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# Discover Luminy® PLA at K 2022, by TotalEnergies Corbion

**Gorinchem** – The first K show took place in 1952, when plastics were a revolutionary material, that allowed a democratization of society with affordable and futuristic goods. 70 years later, climate protection, circular economy and digitalization are the focus at [The World's No. 1 Trade Fair for Plastics and Rubber](#). The great transition into a sustainable world is enabled by bioplastic, such as PLA.

Biobased, recyclable, compostable and innovative. Discover Luminy® PLA at TotalEnergies Corbion's booth in hall 6, stand 20. In the modern world not only the 'beginning of life' but also the most sustainable 'end of life' options are important.

Produced from sugar cane, PLA bioplastic is not only 100% biobased but also 100% recyclable. TotalEnergies Corbion is proud to present the first commercially available recycled PLA (rPLA) with properties identical to virgin PLA. We have at our stand a real-life closed loop system: PLA water bottles (made from recycled PLA) are used, collected, cleaned, and reprocessed into PLA! The Luminy® recycled PLA grades boast the same properties, characteristics, and regulatory approvals, including food contact, as virgin Luminy® PLA.

Biodegradation and industrial compostability are also key features of Luminy® PLA that can be best used to help divert organic waste from landfill or to prevent leakage of plastics into the environment. Our stand will feature a special display to showcase teabags, coffee capsules and organic waste collection bags – all applications that are best made from compostable materials.

"Luminy® PLA bioplastic is a material of the future. Replacing existing plastics with PLA represents in average, a 75% lower carbon footprint vs incumbent materials." said François de Bie, Senior Marketing and Supply Chain Director at TotalEnergies Corbion, and co-author of the [Life Cycle Impact Assessment of Polylactic Acid \(PLA\) Produced from Sugarcane in Thailand](#), published in the journal of Polymers and the Environment by Springer. He added: " And both the carbon footprint and effective land-use will be boosted by the newly launched recycle PLA grades".

Luminy® PLA has recently been at the center of various innovative solutions. At our booth you can see a commercially available 3D printed surfboard, and with a 3D pen you can write in 3 dimensions with Luminy® PLA. Luminy® PLA has also been the material of choice to replace thermoset caps and closures for a luxury cosmetics brand. Visit our stand and learn about PLA, from feedstock to end of life options.

We invite you for coffee made by our professional barista in a high heat PLA cup or enjoy a drink from a bottle made from rPLA. Meet us at K 2022!

**END PRESS RELEASE**



For more information please contact:

**Rui Veras**

Marketing Communications Manager

**M** +31 629 055 522

**E** [rui.veras@totalenergies-corbion.com](mailto:rui.veras@totalenergies-corbion.com)

**François de Bie**

Senior Marketing & Supply Chain Director

**M** +31 611 716 895

**E** [francois.debie@totalenergies-corbion.com](mailto:francois.debie@totalenergies-corbion.com)

**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](http://www.totalenergies-corbion.com)

**About TotalEnergies**

TotalEnergies is a global multi-energy company that produces and markets energies on a global scale: oil and biofuels, natural gas and green gases, renewables and electricity. Our 105,000 employees are committed to energy that is ever more affordable, cleaner, more reliable and accessible to as many people as possible. Active in more than 130 countries, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people. [www.totalenergies.com](http://www.totalenergies.com)

**About Corbion**

Corbion is the global market leader in lactic acid and its derivatives, and a leading supplier of emulsifiers, functional enzyme blends, minerals, vitamins, and algae ingredients. We use our unique expertise in fermentation and other processes to deliver sustainable solutions for the preservation of food and food production, health, and our planet. For over 100 years, we have been uncompromising in our commitment to safety, quality, innovation and performance. Drawing on our deep application and product knowledge, we work side-by-side with customers to make our cutting-edge technologies work for them. Our solutions help differentiate products in markets such as food, home & personal care, animal nutrition, pharmaceuticals, medical devices, and bioplastics. In 2020, Corbion generated annual sales of € 986.5 million and had a workforce of 2,267 FTE. Corbion is listed on Euronext Amsterdam. [www.corbion.com](http://www.corbion.com)

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**TotalEnergies Corbion**

Stadhuisplein 70 • 4203 NS • Gorinchem • P.O. Box 2025 • 4200 BA • Gorinchem • The Netherlands

T +31 183 695 695 • F +31 183 695 602 • E [pla@totalenergies-corbion.com](mailto:pla@totalenergies-corbion.com)