

Greiner Packaging and LyondellBasell offer circular solution for coffee capsules

Kremsmünster – February, 2021. LyondellBasell (NYSE: LYB) has developed polymers based on advanced recycled post-consumer materials. These polymers, branded under the name *CirculenRevive*, are made using an advanced recycling process to convert plastic waste into feedstock, which is used to produce new polymers, using a mass balance approach. With the support of Greiner Packaging, these polymers will be used to make coffee capsules for Nestlé's Nescafé® Dolce Gusto®. This collaboration aims to help advance a circular economy for plastic.

These polymers meet the strict requirements of the food industry. Both, LyondellBasell and Greiner Packaging sites involved are ISCC PLUS certified. This well-known global certification provides traceability along the supply chain. With the mass balance method, the company tracks how much advanced recycled material goes into the production process of its *CirculenRevive* products and can attribute the recycled content to the final polymer via a Sustainability Declaration.

“We are extremely pleased that we can support our customer Greiner Packaging and ultimately Nestlé with a circular economy solution from our recently launched *Circulen* product family,” says Richard Roudeix, LyondellBasell Senior Vice President of Olefins and Polyolefins for Europe, Middle East, Africa and India. “*CirculenRevive* polymers help to address at scale the challenge of hard-to-recycle plastics. The advanced recycling technology can utilize used mixed plastics which cannot be used in mechanical recycling, which allows for larger volumes of plastic waste to return back into the value chain and would otherwise be destined for energy recovery or landfill. At the same time, these polymers have the same characteristics and high quality than fossil-based materials. Ultimately, LyondellBasell aims to produce and market two million metric tons of recycled and renewable-based polymers annually by 2030.”

“We are very happy to realize this forward-looking project. It is our goal to use as much recycled material for our packaging as possible and we believe that we need to explore every opportunity to reach this goal and make our packaging more sustainable. Therefore, we are very pleased to be part of this project which also demonstrates the importance of the whole value chain working closely together. With cooperations like this we are confident that, in the near future, we will succeed in realizing a circular economy, together as an industry,” says Manfred Stanek, CEO of Greiner Packaging.

Text and image: Greiner Packaging

Text document and high-resolution images for download:

<https://mam.greiner.at/pinaccess/showpin.do?pinCode=krbhqonY2gQ4>



Caption: Greiner Packaging and LyondellBasell offer circular solution for coffee capsules using polymers obtained by an advanced recycling process.

About Greiner Packaging

Greiner Packaging is a leading European manufacturer of plastic packaging in the food and nonfood sectors. The company has enjoyed a reputation for outstanding solutions expertise in the fields of development, design, production, and decoration for more than 60 years. Greiner Packaging responds to the challenges of the market with two business units: Packaging and Assistec. While the Packaging unit focuses on innovative packaging solutions, the Assistec unit is dedicated to producing custom-made technical parts. Greiner Packaging employs a workforce of nearly 4,900 at more than 30 locations in 19 countries around the world. In 2020, the company generated annual sales revenues of EUR 692 million (including joint ventures), which represents approximately 35 percent of Greiner's total sales. More information about Greiner Packaging: www.greiner-gpi.com.

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About LyondellBasell

LyondellBasell (NYSE: LYB) is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety and reducing food waste through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polypropylene compounds and the largest licensor of polyolefin technologies. In 2021, LyondellBasell was named to FORTUNE Magazine's list of the "World's Most Admired Companies" for the fourth consecutive year. More information about LyondellBasell can be found at www.lyondellbasell.com.

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The statements in this release relating to matters that are not historical facts are forward-looking statements. These forward-looking statements are based upon assumptions of management of LyondellBasell which are believed to be reasonable at the time made and are subject to significant risks and uncertainties. When used in this presentation, the words "estimate," "believe," "continue," "could," "intend," "may," "plan," "potential," "predict," "should," "will," "expect," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain such identifying words. Actual results could differ materially based on factors including, but not limited to, market conditions, the business cyclicality of the chemical, polymers and refining industries; the availability, cost and price volatility of raw materials and utilities, particularly the cost of oil, natural gas, and associated natural gas liquids; uncertainties and impacts related to the extent and duration of the pandemic; competitive product and pricing pressures; labor conditions; our ability to attract and retain key personnel; operating interruptions (including leaks, explosions, fires, weather-related incidents, mechanical failure, unscheduled downtime, supplier disruptions, labor shortages, strikes, work stoppages or other labor difficulties, transportation interruptions, spills and releases and other environmental risks); the supply/demand balances for our and our joint ventures' products, and the related effects of industry production capacities and operating rates; our ability to manage costs; future financial and operating results; benefits and synergies of any proposed transactions; our ability to identify, evaluate and complete any strategic alternative related to the refinery; legal and environmental proceedings; tax rulings, consequences or proceedings; technological developments, and our ability to develop new products and process technologies; our ability to meet our sustainability goals, including the ability to operate safely, increase production of recycled and renewable-based polymers, and reduce our emissions and achieve net zero emissions by the time set in our respective goals; our ability to procure energy from renewable sources; potential governmental regulatory actions; political unrest and terrorist acts; risks and uncertainties posed by international operations, including foreign currency fluctuations; and our ability to comply with debt covenants and to amend, extend, repay, redeem, service, and reduce our debt. Additional factors that could cause results to differ materially from those described in the forward-looking statements can be found in the "Risk Factors" section of our Form 10-K for the year ended December 31, 2020, which can be found at www.LyondellBasell.com on the Investor Relations page and on the Securities and Exchange Commission's website at www.sec.gov. There is no assurance that any of the actions, events or results of the forward-looking statements will occur, or if any of them do, what impact they will have on our results of operations or financial condition. Forward-looking statements speak only as of the date they were made and are based on the estimates and opinions of management of LyondellBasell at the time the statements are made. LyondellBasell does not assume any obligation to update forward-looking statements should circumstances or management's estimates or opinions change, except as required by law.