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Dow and BioLogiQ Announce Joint Evaluation of Plant-Based Polymers and Resins in Hopes of Creating More Sustainable Plastic Options

Companies Exploring Potential Synergies Between BioLogiQ's NuPlastiQ BioPolymer and Dow's Polyethylene Resin Portfolio

MIDLAND, Mich. – March 27, 2019 – Dow and BioLogiQ are collaborating to evaluate potential synergies between BioLogiQ's novel NuPlastiQ® BioPolymer, a thermoplastic plant-based resin, and Dow's industry-leading polyethylene resin portfolio, in an effort to explore enhanced sustainable plastic options.

Dow and BioLogiQ will work together to test and consider potential applications that incorporate bio-based resins with polyethylene, in the hopes of enabling more plant-based plastic products. BioLogiQ, a seven-year-old startup based in Idaho Falls, Idaho that's committed to creating plastics from renewable resources, will utilize Dow's industry-leading research and development, as well as the company's extensive plastic resin sales and distribution network, to determine if they can successfully leverage plant-based plastics.

"As a science-driven company, Dow is excited by the technical and environmental advantages that could be achieved by combining NuPlastiQ with Dow's industry-leading polyethylene," stated Tim Boven, recycling commercial director at Dow. "We are looking forward to learning more about NuPlastiQ, and hope the collaboration will help us determine how these product combinations can benefit the market needs for the future."

Dow's commitment and mission to deliver breakthrough sustainable chemistry innovations that advance the well-being of humanity directly aligns with BioLogiQ's goal of discovering more sustainable solutions to plastics.

"Our mission at BioLogiQ is to provide a way to create plastic products made from renewable resources," explained Brad LaPray, founder and president of BioLogiQ. "This evaluation will help us determine if there is an opportunity for Dow and BioLogiQ to work together in the future to offer new applications to our customers."

The evaluation will help determine if NuPlastiQ is a potential fit with Dow's business from performance, bio-based and commercial viability perspectives. During the next year, Dow and BioLogiQ will perform evaluations at Dow's Pack Studios Development Center in Freeport, Texas and engage brands, research institutes and associations to evaluate the range of benefits from a combined offering.

About Dow Packaging and Specialty Plastics

Dow Packaging and Specialty Plastics combines core strengths of R&D, worldwide reach, broad product lines and industry expertise to deliver new solutions in plastics to meet consumer demand in end use

markets like food packaging, personal hygiene, footwear, transportation and infrastructure. The business is one of the largest polyethylene producers in the world, and is a leading innovator and collaborator across the value chain on technologies and applications that are high performing and sustainable.

About Dow

Dow combines science and technology knowledge to develop premier materials science solutions that are essential to human progress. Dow has one of the strongest and broadest toolkits in the industry, with robust technology, asset integration, scale and competitive capabilities that enable it to address complex global issues. Dow's market-driven, industry-leading portfolio of advanced materials, industrial intermediates, and plastics businesses deliver a broad range of differentiated technology-based products and solutions for customers in high-growth markets such as packaging, infrastructure, and consumer care. Dow is a subsidiary of DowDuPont (NYSE: DWDP), a holding company comprised of Dow and DuPont with the intent to form three strong, independent, publicly traded companies in agriculture, materials science and specialty sectors. More information can be found at www.dow.com.

About BioLogiQ

Founded in 2011, BioLogiQ, Inc. of Idaho Falls, makes polymers from plants. It was established to create a useful plastic from the excess starch produced (and usually discarded) during potato processing. The company's mission is to provide a way for people to use environmentally friendly plastic products made from renewable resources. For more information, visit www.biologiq.com or www.nuplastiq.com.

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