

## **Nestlé and Danimer Scientific to Develop Biodegradable Water Bottle**

Nestlé and Danimer Scientific, a leading developer and manufacturer of biodegradable plastic products, today announced a global partnership to develop biodegradable bottles. Nestlé and Danimer Scientific will collaborate to design and manufacture bio-based resins for Nestlé's water business using Danimer Scientific's PHA polymer Nodax™. In 2018, the University of Georgia (U.S.A.) confirmed in a study that Nodax™ is an effective biodegradable alternative to petrochemical plastics. PepsiCo, an existing partner of Danimer, may also gain access to the resins developed under this collaboration.

"Researchers have shown that PHA biodegrades in a wide range of environments, including industrial and home compost, soil, fresh and sea water," said Stephen Croskrey, CEO of Danimer Scientific. "As a material that is reliably biodegradable across both aerobic and anaerobic conditions, our Nodax™ PHA is an ideal fit to drive the creation of eco-friendly packaging for Nestlé's products. Nodax™ PHA is suitable feedstock for industrial compost, home compost, and anaerobic digester facilities as well as reuse through recycling. We look forward to supporting Nestlé in the years to come."

In 2018, Nestlé announced its commitment to make 100% of its packaging recyclable or reusable by 2025. To achieve this goal, the company has already undertaken several initiatives including the creation of the Nestlé Institute of Packaging Sciences. This institute is dedicated to the discovery and development of functional, safe and environmentally friendly packaging solutions including functional paper and biodegradable materials.

Stefan Palzer, Chief Technology Officer for Nestlé said, "Strategic innovation partnerships play a key role for Nestlé as we make progress in improving the sustainability of our packaging. In order to effectively address the plastic issue in various markets, we need a wide range of technological solutions, including new paper materials and biodegradable polymers which can also be recycled."

Maurizio Patarnello, CEO of Nestlé Waters said, "Nestlé Waters is committed to addressing the growing global plastic waste packaging issue. A biodegradable bottle, which is also recyclable, can help improve the environmental impact of our business in countries without collection and recycling systems."

### **About Danimer Scientific**

Danimer Scientific is a pioneer in creating more sustainable, more natural ways to make plastic products. Danimer Scientific's Nodax™ PHA possesses seven TUV AUSTRIA certifications and statements of industrial and home compostability, is biodegradable in anaerobic, soil, fresh water and marine environments and is 100% bio-based. All of Danimer Scientific's biopolymers, including its Nodax™ PHA, are FDA approved for food contact.

For more information, visit [www.DanimerScientific.com](http://www.DanimerScientific.com)

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