



Press Release

Reverdia and Wageningen UR Launch Development of Durable Bio-PBS Compounds

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A joint development programme on bio-based PBS (polybutylene succinate) compounds for injection moulding has been launched by Reverdia and Wageningen UR Food & Biobased Research. The new bio-PBS compounds will be durable and based on Biosuccinium™.

Development will focus on longevity, appearance and processing characteristics. Plastic product manufacturers such as RPC Promens and Teamplast will collaborate to validate the compounds in reusable horticultural crates and rigid food packaging with hinges. The final compounds are expected to have an improved carbon footprint in comparison to polypropylene which is typically used for these applications.

"Raw material producers and manufacturers of the final products will test these new materials, ensuring that consumers will soon have bio-based and durable plastics in their hands," said Lawrence Theunissen from Reverdia. "The whole value chain is involved in developing these materials."

"An important objective of the project is to develop plastics from renewable raw materials with a much wider scope for application, and thus a larger market potential," added Karin Molenveld of Wageningen UR.



Picture courtesy of RPC Promens

About Reverdia

Reverdia is the joint venture between Royal DSM, the global Life Sciences and Materials Sciences company, and Roquette Frères, the global starch and starch-derivatives company. Reverdia takes a leadership position and leverages the expertise and experience of DSM and Roquette to produce, market and license *Biosuccinium*[™]. For more information visit: www.reverdia.com

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