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BioProduct Scratch Sheet

News you can use for bioproduct development

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The Story Has Legs

BioProduct news receiving industry review & comment



[MG&E](#) applies for a green power purchase rate hike

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Countertop [composting bins](#)? Yes, there is a market to be served

Train bridge constructed with nearly [100% recycled plastic](#) is designed to hold 120 tons of locomotive and freight

[Plastics Today](#) reports strong earnings and global growth for the plastic industry

BioProduct Application of the Week: Safety 1st [Nature Next](#) Child Products using Cereplast Bioplastic

Wisconsin's Plarco to recycle PLA

By Mike Verespej, Plastics News

Polylactic acid recycler Biocor LLC has chosen a newly formed Wisconsin company, Plarco Inc., to turn the polylactic acid resin that it recycles back into lactic acid. EnviroGreen Solutions LLC in Eau Claire, and Brussels, Belgium-based Galactic, a global producer of lactic acid, are stockholders in the new venture announced April 14.

Galactic owns a proprietary chemical recycling system called Loopla that depolymerizes PLA through hydrolysis. Plarco will be located at the facility used by WRR Environmental Services Co. Inc. and EnviroGreen in Eau Claire.

Previously, EnviroGreen had been converting PLA back into lactic acid for PLA manufacturer NatureWorks LLC of Minnetonka, Minn. NatureWorks is a minority stakeholder in Biocor and also has agreed to purchase all the lactic acid made by Plarco.

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Stora Enso Expands its Selection of Biodegradable Packaging Boards

Reported at PrintingNews.com

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[Wisconsin Plastic Fact Sheet](#)

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In July 2006, Governor Jim Doyle made an historic announcement, the "Declaration of Energy Independence" which charts a new course for clean energy in Wisconsin.



A few months later, in April of 2007, Governor Doyle issued Executive Order 192 creating the Office of Energy Independence (OEI) to lead the state's effort to advance clean energy and bioproducts.



Stora Enso is meeting the growing demand for biodegradable packaging solutions by expanding its selection of biopolymer coated packaging boards. Biodegradable coating options are available for a number of the company's board grades for use in cups, plates, trays and folding cartons.

The paper cups used at the Finnish Pavillion at the current World Expo in Shanghai are made from biodegradable Cupforma board. "The World Expo in China is a great place to present bio cups to the world as the result of our pioneering work in developing fully biodegradable packaging materials," says Juha Kiviranta, Sales and Marketing Director at Stora Enso Liquid and Food Service Board.

The Stora Enso Cupforma board family offers biodegradable material options for drinking cups for all major end uses, such as cold and hot drinks, ice cream and yoghurt.

Cupforma Classic Bio meets the compostability requirements of the EN 13432 and ASTM 6400 standards. Paperboard trays made from Trayforma Performance Bio can be used for packaging fresh and chilled foods that are not heated in their packages. Vegetables, salads and sandwiches are typical examples. All boards in Stora Enso's biodegradable board offering are approved for direct food contact.

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Feeco is Providing Solutions and Value to Waste Streams

By Carlie Forsythe

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Imagine your average compost heap. Items such as wilted lettuce leaves or leftover banana peels probably figure in the picture somewhere. Steel dust or unused industrial chemicals more than likely do not. For Green Bay company Feeco International however, metal dust and other wastes do have a place in the pile.

Feeco, which started in 1951 as a fertilizer equipment and engineering company, has grown progressively greener over the last two decades. Feeco has a strong interest in environmental management; it concerns itself more with renewable materials than renewable energy. Two of its main types of technology are thermal processing, as used in rotary dryers, kilns and coolers, and agglomeration, which goes hand in hand with thermal equipment.

Feeco has likened its work to a large-scale, high-quality version of composting. Many of Feeco's projects involve keeping potentially valuable wastes such as metal dust, various chemicals and sludges out of local landfills, reusing them in environmentally-friendly ways instead of discarding them. This not only reduces land and water contamination, but also decreases both waste transportation and future clean-up costs.

Any company with a waste generation problem, from steel mills to municipalities to farmers, is a potential Feeco





customer. Feeco has worked with companies everywhere from across the street to across the globe, from South Africa's gold and diamond mines and Australian chicken farmers to the dairy farms and meat-packing plants of Wisconsin's own Brown County.

Though there are several other companies working along similar lines, Feeco's knowledge of fertilizer after 59 years in business puts it ahead of its competitors. Currently, Feeco employs between sixty and seventy people at its office and shop, and looks forward to further growth as the number of inquiries it receives from industries increases.

Visit Feeco's [website](#)

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