

## Entsorga facility expected to run at full capacity near end of spring 2019



John Decker, a director of Entsorga West Virginia, talks to state Sen. Charles Trump, R-Morgan, in the fall about how the waste-to-solid fuel conversion facility will operate when up and running.

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MARTINSBURG — BioHiTech Global, Inc. — a technology and services company that provides sustainable waste management solutions — has initiated operations at the nation's first HEBioT renewable resource recovery facility located in Martinsburg.

The company successfully completed the first phase of plant commissioning including the facility's reception area, overhead bridge cranes and its primary mechanical sorting equipment. BioHiTech has begun the next phase of plant commissioning and progressing operations, which includes receiving limited amounts of waste and beginning runs of its patented, high-efficiency mechanical and biological treatment process, "HEBioT Process," for producing an EPA-recognized solid recovered fuel. The limited processing runs are expected to result in the production of solid recovered fuel in the coming weeks with the facility reaching full operations early in the second quarter of 2019.

The Martinsburg facility is expected to generate \$7 million of high-margin revenue annually while diverting as much as 80 percent of the waste that enters the facility from landfills. The majority of the waste, to be delivered as feedstock to the facility, is covered under a 10-year, put-or-pay agreement with a local waste hauler owned by Gold Medal Group, a regional waste management services company backed by Kinderhook Industries.

One-hundred percent of the solid recovered fuel that will be produced is subject to a 10-year, take-or-pay agreement with Argos USA, LLC, one of the largest producers of Portland cement in the United

States.

The solid recovered fuel manufactured at the facility will be utilized by Argos as a partial replacement for coal used in the cement manufacturing process. The 56,000-square-foot facility is completely enclosed and fully automated with no waste being exposed to the outside environment and no workers in direct contact to the waste processing.

“The initiation of revenue-generating operations at this first facility of its kind in the United States is a pivotal moment for our company and an important step forward in the movement to lessen the environmental impact of waste management,” said Frank E. Celli, chief executive officer of BioHiTech Global. “This flagship facility will add significant high margin revenue and will serve as a model for how BioHiTech can cost-effectively create positive environmental change throughout the United States. By bringing this facility across the finish line we are now at the starting line for sustainable long-term revenue growth with a roadmap to build significant value for our stockholders.”

“We are excited to be a part of this important project which marks the beginning of positive change in the way we can manage waste in this country,” said Mike Schmidt, executive vice president of Gold Medal Group. “The Martinsburg facility will allow Gold Medal to divert over 60,000 tons of the municipal solid waste we collect in the area from landfills annually at no additional cost to those residential and businesses customers we service. This landfill diversion, as well as the creation of a renewable fuel that can be used locally, helps to solve two environmental problems while serving as a model that BioHiTech and Gold Medal can replicate throughout our current business footprint. We look forward to working together with BioHiTech to roll out this technology in the U.S. and reduce the burden that waste generation has on our environment.”

HEBioT solid waste processing technology has been successfully deployed at seven facilities located throughout Europe, which currently process in excess of 1 million tons of solid waste per year.

The HEBioT process recovers almost 80 percent of municipal solid waste by integrating OEM sorting equipment with patented MBT (Mechanical/Biological Treatment) technologies into a dedicated fully enclosed processing facility. The disposal of waste using this system is cost effective and results in a number of environmental

benefits including:

- A significant reduction in the amount of mixed municipal solid waste that ultimately is disposed of in landfills.
- The recovery of biomass, plastics and other carbon materials.
- The production of an EPA recognized, high calorific, solid recovered fuel to help reduce harmful emissions, according to BioHiTech officials.

“The Entsorga West Virginia facility has the capability to accept and process up to 110,000 tons of waste annually resulting in the annual production of approximately 45,000 to 50,000 tons of high BTU value Solid Recovered Fuel,” Schmidt said in a statement to The Journal. “SRF is an EPA-recognized renewable fuel that will displace approximately 30,000 to 35,000 tons of fossil fuels annually, helping to reduce Green House Gas Emissions in the area. Furthermore, using the Entsorga WV facility will help its customers achieve up to 80 percent landfill diversion, helping to reduce the reliance on landfills. This reduction in landfill usage, results in a corresponding reduction in methane emissions in the area, helping to further reduce harmful green-house gas emissions.”

For a more detailed description of the HEBioT solid waste processing technology visit [www.youtube.com/watch?v=CHhfSrdkOmM](http://www.youtube.com/watch?v=CHhfSrdkOmM).