

IMPACT BIOENERGY ANNOUNCES FIRST EXPORT OF THE 'HORSE' MICRODIGESTER

Seattle, WA – January 22, 2016 – Seattle-based Impact Bioenergy has just delivered its first bioenergy system outside the United States. The technology is the HORSE microdigester. Delivery was made to Surrey, British Columbia in Canada. The HORSE is a living machine that uses biomimicry to convert foodwaste into renewable energy and fertilizer, with zero waste.



Aeron Jansen of Greenerzone purchased the HORSE as part of his organics recycling service. Greenerzone is in the business of serving commercial and residential accounts in solid waste management and recycling since 2001. The HORSE will provide both energy for equipment and heating for greenhouses, and it will provide valuable nutrients for composting, vermicomposting, and crop production.

"Aeron is the ideal partner for Impact Bioenergy", states Jan Allen, President of Impact Bioenergy. "Knowing he was an early-adopter was fortuitous for us. He encouraged us to commission and test the system at the manufacturing plant, and to make any necessary adjustments we felt might be right for him. This gave Impact Bioenergy time to add a few important improvements and to write operations guidance that has real relevance for him as the customer."

"I regard the 'HORSE' as another tool in the toolkit to move food waste into the circular economy", said Aeron Jansen.

This is a milestone in several ways. It represents a brand new class of technology exported from Washington State. Washington has been known as a creative space for composting technologies. Now bioenergy technologies have evolved to a state that they are becoming an engine for employment and renewable energy technology. It is also a milestone that brings the United States and Canada a little closer together in another win-win relationship. Allen reports "We all share this planet, but we are particularly happy to be sharing a bit of business with our Canadian neighbors and friends."

The HORSE can generate up to 360,000 BTU of renewable natural gas from 135 lbs. of food waste every day. It also generates 15 gallons (58 liters) of valuable liquid plant food every day. Greenerzone and Impact Bioenergy will continue to partner on building a community-scaled "hyperlocal" enterprise to return the digester liquid to the food cycle. Greenerzone intends to add urban greenhouse food production to fully capture the heat, humidity, CO₂ and fertilizer benefits by coupling a greenhouse to the bioenergy system. See www.impactbioenergy.com/csb for more on this story.

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For more information on Impact Bioenergy's products and services: www.impactbioenergy.com

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