WE MANUFACTURE PORTABLE BIOENERGY SYSTEMS THAT CONVERT ORGANIC WASTE MATERIALS INTO ENERGY AND BIOFERTILIZER WITH ZERO WASTE.
WE CONVERT WASTE TO VALUE ... IN THE FORM OF JOB CREATION, ZERO WASTE, RENEWABLE ENERGY PRODUCTION, CARBON SEQUESTRATION, AND URBAN AGRICULTURE.
Impact Bioenergy began delivering commercial system in late 2015 and 2016. 4 systems have been deployed (4 HORSES). A number of proposals are pending right now. Partners include City of Seattle, King County, and Dirt Hugger. Have received 10 awards and nominations in the last 13 months: Leadership Award from Energy Vision of NYC and finalist for Innovation of the year from American Biogas Council and finalist for King County Exporting Small Business of the Year. Working on a third and fourth technology to add to the HORSE and NAUTILUS: The BUFFALO Anaerobic Digestion Technology Kit and License for Global Partners and The OWL for high solids AD that can accept cellulosic materials like landscape materials and cardboard. All four technologies are scaled between 25 and 1,000 tons per year.
ABOUT IMPACT BIOENERGY

- is the leading firm in North America (the world) for commercial, onsite, pre-engineered anaerobic digesters, aka microdigesters in a urban commercial environment.
- is based in Seattle and manufactures the equipment in the Seattle area.
- has partnered with an industrial accelerator, strategic distributors, and advisors that specialize in engineering innovative waste recycling solutions, local solutions, clean technology, and agriculture.
- is an industry leader in scaling bioenergy systems and converting and marketing commercially valuable by products from organic waste materials (960 – 35,500 lbs. per week waste diversion range)
- has novel, unique, and protected intellectual property on its apparatus and method.
OUR TECHNOLOGY DELIVERS LOWER ENVIRONMENTAL IMPACT AND COST SAVINGS. OUR SYSTEMS CAN PROCESS 960 TO 35,600 LBS. PER WEEK OF WASTE MATERIALS.

OUR DESIGN HELPS FARMERS, BUSINESSES, COMMUNITIES AND GOVERNMENTS BUILD A RESILIENT FOOD ECOSYSTEM.
THE CIRCULAR ECONOMY OF AD

- AD touches on various aspects of zero waste, jobs, food, circular economy, etc. Our design provides access to healthy, affordable organic food by engaging farmers, businesses, individuals, communities and governments to build a resilient food ecosystem. We build circular economies for:

**CRAFT BEVERAGES PRODUCTION –**
BEER, SPIRITS, WINE, CIDER, SOFT-DRINKS, DAIRY

**FOOD SERVICES –**
COMMUNITY BASED SYSTEMS INCLUDING CAMPUSES AND ISLANDS

**FARM TO TABLE GROWERS –**
COMMUNITY SUPPORTED AGRICULTURE

**RESILIENCY MANAGERS –**
EMERGENCY PREPAREDNESS & DISASTER RESPONSE
THE CIRCULAR ECONOMY OF AD
BRITISH COLUMBIA – AERON JENSAN
“Bainbridge Biodigester will eat like a HORSE”

Hooking the crane chains to the self-contained biodigester called HORSE before it is lifted and set into place at the Harbour Public House on Bainbridge Island.
Run, Horse, Run!
“Small acts, when multiplied by millions of people, can transform the world.”
The Rockne-Wooldred family, quoting Howard Zinn

Bunche Island Anaerobic Digester Project

[Diagram of the process]

Puget Sound Energy
“BAINBRIDGE ISLAND — Like many digestive systems that find themselves at the Harbour Public House in Winslow, one that made its way there Tuesday was about ready to eat. ……. The digester has a receiving system that chops up and purées food waste "into a smoothie" that is fed into a bioreactor, where microbes digest the food into the two end products...

The system, which could consume about 1,000 pounds of food waste in a week, outputs about 90 percent fertilizer and 10 percent gas...

The gas can either be burned by a generator to make electricity or used to boil water, but the Bainbridge restaurant will use the HORSE for electricity…

The fertilizer will be used near the restaurant and also could end up going to an island farmer.”

MEEGAN M. REID / KITSAP SUN
AUBURN – TILTH, FOOD BANK, SCHILLING CIDER
This is a Living Machine
That converts foodwaste into
Renewable Energy and Fertilizer
With Zero Waste

Thank You
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