

HOW IT WORKS

"WASTE-GAS-TO-GRID" PROJECT



- 1 Organics are separated from other materials at the source
- 2 Collection vehicles gather organics from households and businesses

Incoming food waste is tipped from collection vehicles within the enclosed transfer station

Food waste is loaded into the CORE_® system's hopper/conveyor

Food waste is conveyed into a bioseparator, which separates organic and inorganic waste

Food waste is liquefied within the bioseparator to produce a fluidized feedstock

The feedstock is pumped into the WM proprietary process to produce EBS_®.



- 8 The EBS_® is transported via tanker truck to the RVSA waste water treatment plant



EBS_® is added to anaerobic digesters to increase biogas production

Biogas is collected and used in RVSA's boilers for building and process needs



RVSA will transfer renewable digester biogas for the production of renewable energy

Acceptable Materials



Produce
Fruits and vegetables



Meats & Seafood
All cooked and raw meat products, including fish, beef and chicken



Dairy & Eggs
Milk, yogurt, ice cream and cheese



Bakery & Dry Goods
Pasta, rice, bread and cereal



Food & Beverage Processing Liquid
Expired beverages and organic manufacturing liquids



Fats, Oil & Greases

Incidentally Acceptable Materials



Food-Soiled Paper
Napkins and paper food containers



Canned Foods
Soda and soup cans



Plastic
Bottled liquids, sodas and juices



Bones & Shells
Incidental items with food waste, not rendering and commercial shelling

Unacceptable Materials



Glass



Yard Waste



Chemicals, Paint & Hazardous Waste

Product Destruction & Depackaging



Packaged Food Products & Palletized Materials

Accepted on a case-by-case basis, approval required