



## WHERE SOME SEE WASTE, WE SEE RESOURCES

Eliminate disposal costs for high strength wastewater and organic wastes. Start generating renewable energy, clean water and fertilizer using Anaergia's integrated anaerobic solution.



### High Strength Wastewater

- Process wastewater streams
- Facility wash water



### Food Processing Waste

- Waste food processing streams
- Spent raw materials



### Mixed Solid Waste

- Unsorted Municipal Solid Waste
- Heavily Contaminated Organic Wastes



### Source Separated Organics

- Commercial & Residential Green Bins
- Waste Organic Solids

# Redefining Recovery using proprietary processes

## Organics Extraction from Mixed Waste



Separation solutions that maximize the recovery of organics from waste streams

- 95% of organics recovered from mixed waste
- Organic slurry sent for anaerobic digestion

## Preparation of Source Separated Organics



Solutions that remove packaging and potential recyclables from SSO streams

- Over 95% of organics retention rate
- Extracted packaging is sent for recycling

## Organic Slurry Pretreatment



Multiphase cleaning processes to maximize the purity of the organic slurry stream

- Ensures premium quality fertilizer product
- Increased recycling and recovery rates

## Anaerobic Treatment Solutions



Proprietary anaerobic treatment processes that maximize energy production in a minimal area

- Increased electricity production from waste
- Reduced system footprint requirements

## Energy Recovery from Biogas



Solutions to generate renewable energy, heat and fuel from waste organics streams

- Renewable energy from CHP or Fuel Cells
- Biogas upgrading to renewable CNG & RNG

## Recovery of Recyclables



Integrated recycling processes that maximize resource recovery and diversion from landfill

- Ferrous & non-ferrous metals recovery
- Plastics and paper products recovery

## Residuals Utilization



Process solutions to maximize resource recovery

- Recovered water for reuse applications
- SSO and Food waste digestate sold as fertilizer
- Energy recovery from post recycled residuals

## Our Approach to Recovery

To provide solutions that convert organic wastes into renewable energy, water and organic fertilizer. Our fully integrated solutions are comprised of proprietary technologies that maximize the conversion of waste streams into useful products.

We relentlessly innovate to ensure our solutions advance sustainability, improve the quality of life for communities globally and provide long term economic returns for our customers.

- 20 years in the industry
- 1,600 biogas projects
- 200 turnkey biogas projects

# Stronger Communities through sustainable solutions

Anaergia has extensive experience delivering renewable energy solutions from food waste, high strength wastewater, spent grains, waste oils and waste greases as well as mixed garbage.

## Source Separated Organics



## Industrial and Commercial Waste



## Operations & Power Purchase Agreements



## Our Solutions are Defined by Your Needs

Process Engineering & Equipment Supply Proprietary process engineering and equipment packages that allow clients to build, own and operate their own facility

Design-Build-Own-Operate-Finance DBOOF and PPA solutions that provide long-term financial returns with no upfront capital investment or operating risk

Aftermarket Service Supporting reliable long term operations through operations and maintenance contracts to process support



## RENEWABLE ENERGY

Providing renewable energy from the world's organic waste streams:

- Renewable electricity
- Renewable heat
- Renewable natural gas
- Renewable CNG



## NATURAL FERTILIZER

Recovering nutrients from food processing waste and source separated organics for:

- Organic fertilizer
- Soil Amendment



## CLEAN WATER

Recovering and treating water from the waste streams for reuse

- Crop irrigation
- Industrial process water
- Cooling tower water
- Surface water discharge