



WHERE SOME SEE WASTE, WE SEE RESOURCES

Solutions that generate renewable energy, fertilizer, and clean water from the world's waste streams



Source Separated Organics

- Residential & Multi-Unit Residential
- Commercial & Industrial Food Waste



Mixed Solid Waste

- Unsorted Municipal Solid Waste
- Heavily Contaminated Organic Wastes



Wastewater Biosolids

- Primary Sludge
- Waste Activated Sludge



Food Processing Waste

- High Strength Wastewater
- 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 are recovered from MSW
- 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

- Small plastics removal and grit settling
- Purification improves digester performance

Anaerobic Treatment Solutions



Proprietary anaerobic treatment processes that increase biogas production and reduce footprint

- Process multiple waste streams in one system
- Digester retrofit or greenfield systems

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 municipal organic waste, wastewater biosolids, commercial food waste and industrial organic waste.

Municipal Organic Waste



Industrial and Commercial Waste



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