

grind 2 energy
An InSinkErator® solution

**Transforming food waste
into renewable energy.**





The environmental impact of food waste* is staggering.

When food goes to the landfill, it produces methane gas. Methane is a potent greenhouse gas with more than 25 times the global warming potential compared to carbon dioxide. As states begin to ban the future use of landfills, large volume food waste generators need a sustainable solution that's better for the environment.



*Food waste can be defined in many ways. For the purposes of this paper, the following definition is helpful: "Any solid or liquid food substance, raw or cooked, which is discarded, or intended or required to be discarded. Food waste is the organic residue generated by the processing, handling, storage, sale, preparation, cooking, and serving of foods."
1. United States E.P.A (2014)
2. World Resources Institute (2012)

You'll never look at food waste the same.

Non-sewer based Grind2Energy® is more than an alternative to landfills and traditional compost programs. The system actually recycles unavoidable food waste into clean water and renewable energy – in the form of electricity, heat, or compressed natural gas.

Through Grind2Energy's innovative process, food waste is ground on-site using a customized, industrial-strength foodservice grinder. Food waste is converted into energy-rich slurry and transported to an anaerobic digestion facility where methane is extracted for energy production. The remaining biosolids become nutrient-rich fertilizer.

The system enables you to dispose of all types of unavoidable food waste – including fats, oils and grease – faster, cleaner and easier. Improve your operations, minimize avoidable food waste, and reduce odors, pests, emissions, and labor costs – all while protecting the environment.



Grind2Energy® is the only full-circle, closed-loop organic waste recycling system of its kind.

Engineered to process organic waste, including fats, oils and grease.



Grind2Energy® makes organic waste disposal cleaner, easier and more efficient.

- Reduces odors and pest problems
- Cuts down on trips to the dumpster
- Decreases number of trash pickups
- Reduces disposal fees and truck emissions
- Diverts food waste from landfills
- Decreases levels of methane released into the atmosphere
- Transforms food waste into clean water, renewable energy, and beneficial fertilizers



The energy rich slurry is stored on-site in a 3000-6000 gallon tank until hauler transports to AD facility.



