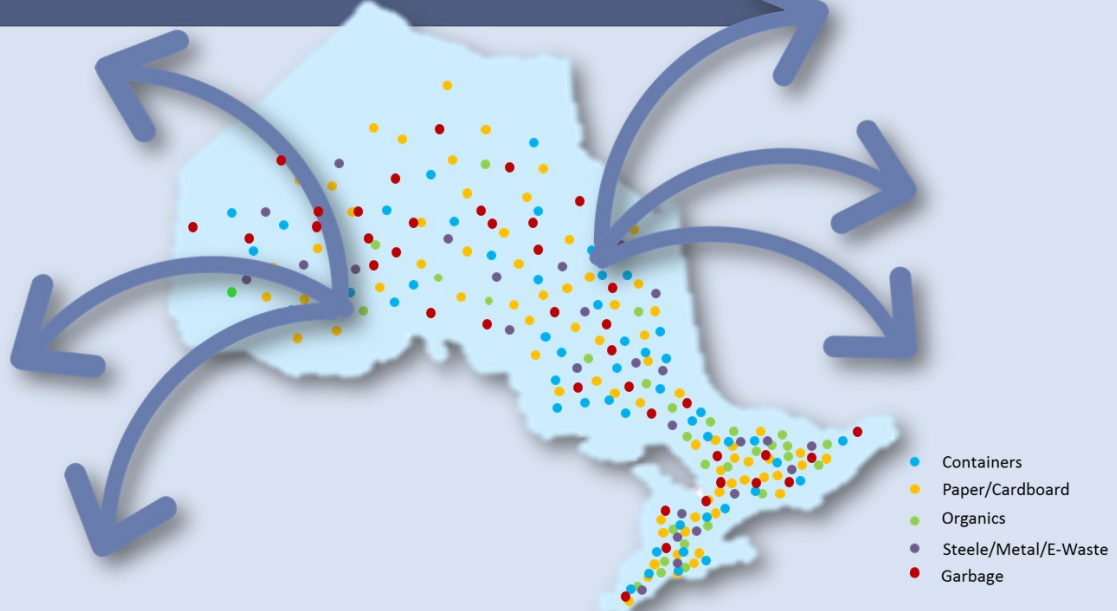


Local Solution Providers



Post Consumer "Supply Chain"

Consumer



Housekeeping

Waste Hauler



Recycler



End Market



Recovery Facility



Recovery Facility
















Why are Programs Different?







	Polyethylene Terephthalate "PETE"		clear, hard, flexible
	High Density Polyethylene "HDPE"		opaque, rigid, flexible
	Polyvinyl Chloride "PVC"		layered for rigidity
	Low Density Polyethylene "LDPE"		soft, flexible
	Polypropylene "PP"		super rigid, brittle
	Polystyrene "PS"		"Styrofoam", rigid, brittle
	Other		soft, flexible, mixed plastics combined





Is Waste a Renewable Energy?

Renewable Energy

Energy from a source that is not depleted when used, such as wind or solar power.

Is waste a never ending resource?

Two Main Sources of Energy Generation

Waste Incineration

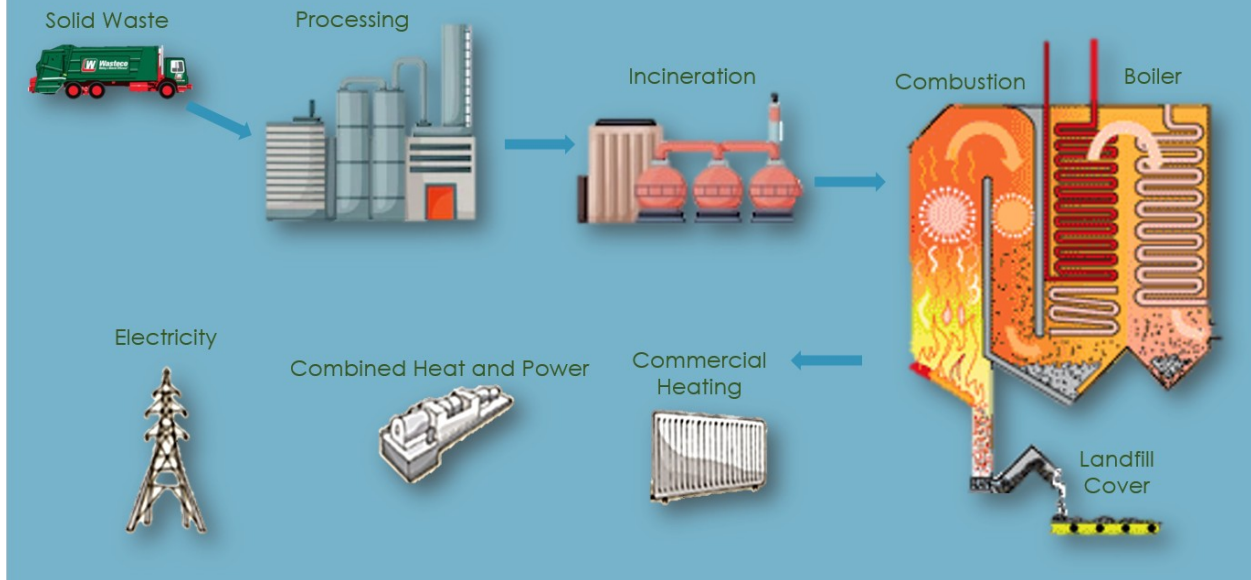
Waste Incineration is the high-temperature burning that uses regular solid waste as a fuel. The waste heats water and the steam drives a turbine to generate electricity.

Not all waste incineration generates energy.

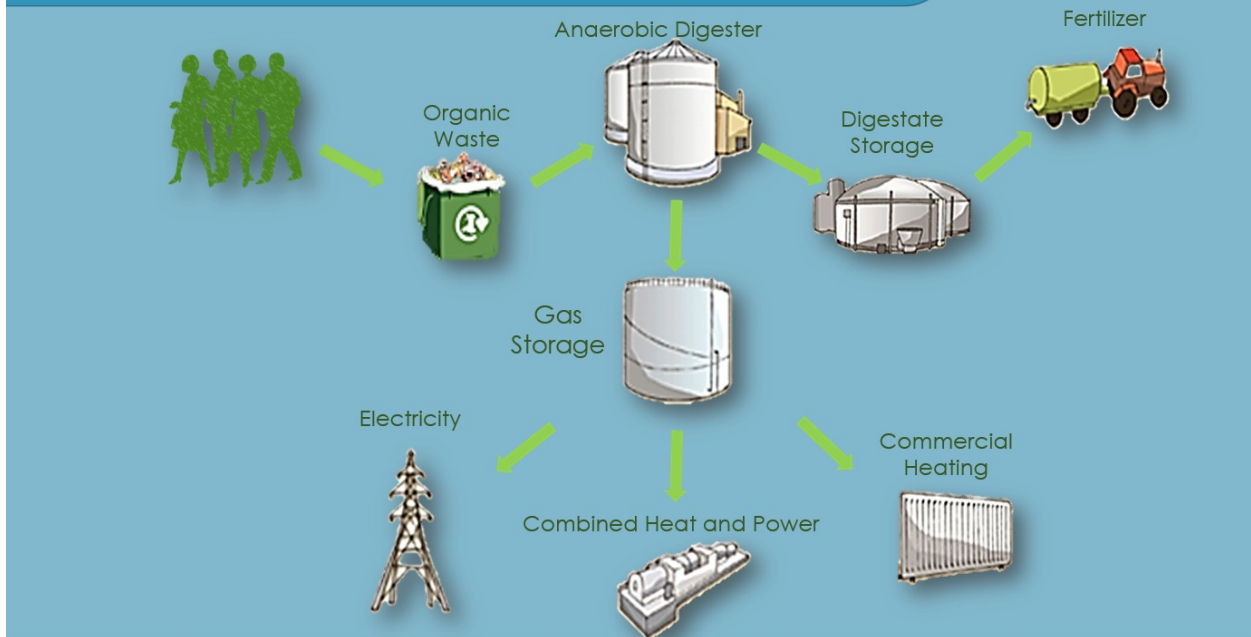
Anaerobic Digestion

Anaerobic digestion is a process through which bacteria break down organic matter—such as animal manure, wastewater biosolids, and food wastes—in the absence of oxygen.

Waste Incineration



Anaerobic Digestion





Circular Economy



Is Recycling Sustainable?



- Running out of Landfill Space
- Oversees Rejecting Canadian Material
- Not enough WTE Facilities
- Running out of Drivers
- Running out of Trucks
- Emissions high for Transporting Material
- Material Bans are Slow
- Using outdated methods for measuring performance
- Transporting recycled material is not working

Breaking Down Plastics



