



**Bio Energy**



# CCI BioEnergy

**A Private Company :**

**Canada (US Division)**

**Exclusive License:**

**BTA Process**

**Market:**

**Municipal, Institutional,  
Commercial (Organic Fraction)**

**Business Focus**

**Develop, Design / Build, Operate, Sell, Own, License (in any combination) BioEnergy projects which create valuable and usable products.**



# CCI - Success

- Commissioned 2002
- 25,000 tpy SSO
- Area < 1 Ha
- Building < 2,200m<sup>2</sup>
- BTA technology
- City owned
- Contractor operated



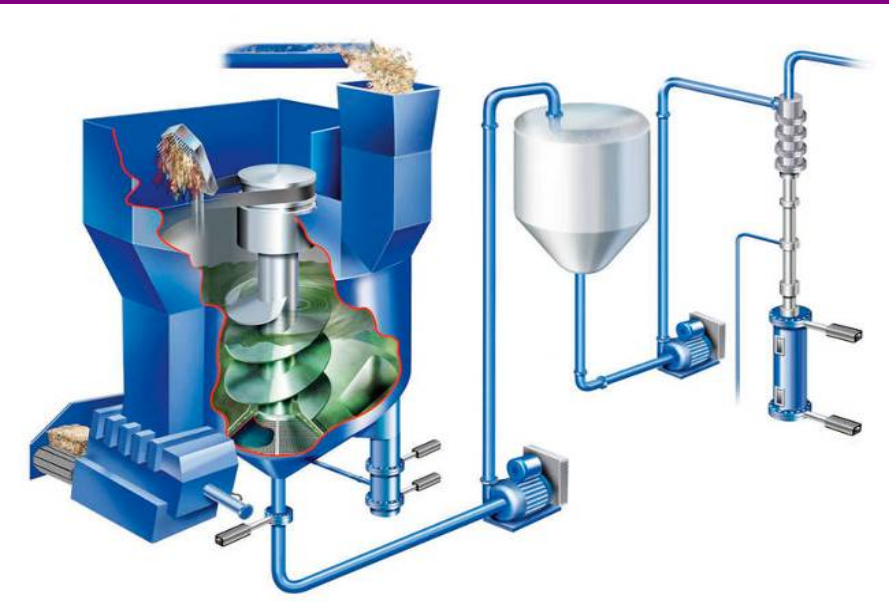
**Toronto's Dufferin AD Plant**



# Organics



# Uniqueness



# BTA Hydropulper



## heavy fraction

- stones, sand, glass
- metals, bones
- batteries



## light fraction

- plastics
- wood



## Grit

- Stones, Glass
- Sand, Junk

Economics:            Not the same as Europe.  
                                 Not the same as landfill.

There is a difference  
between:

Agriculture AD systems

Waste Water Treatment AD systems

Food Waste AD systems.

## Your Objectives

### Diversion of Waste From Landfill

Capture Rate

Participation

### Energy Production

Electricity

Gas

## Results

- Diversion of waste from Landfill (how much is waste from the process)
- Costs (Capital & Operating)
  - Capital & Operating
  - Look at the complete solution required
- Product Production
  - Biogas Yield
  - Quality of Digestate

## How

- Create a Fair, Open, and Reasonable Process for Solicitation and Evaluation.
- Are you more focused on how things are achieved or that they are achieved?

**Don't let technique define your objectives  
Let your objectives define technique**