

# Funding Food Waste Diversion Projects In The State Of Ohio

OHIO DEPARTMENT OF NATURAL RESOURCES  
Division of Recycling & Litter Prevention

# Mission Statement

## **MISSION**

To provide leadership and financial and technical support to advance waste reduction, recycling, litter prevention and market development to positively impact Ohio.

## **VISION**

A nationally recognized team promoting vital recycling and litter prevention services for Ohio's economy and environment.

# The Team

- U.S. Environmental Protection Agency
- State of Ohio (ODOD & OEPA)
- Clark County Solid Waste Mgt. District
- Erie County Solid Waste Mgt. District
- Solid Waste Authority of Central OH
- Ohio Grocer's Association & Foundation
- JF Connolly & Associates

# Market Summary

- Appropriately classified facilities are few in number
- Transportation is generally limited to in-house or targeted market hauling options
- A generator's collection system is a major determining factor in the ultimate diversion levels
- Modern processing systems equate to adequate processing capacity
- Local support of food waste diversion projects is crucial to future success

# Opportunities

- Ohio is home to a number of large food generators
- Ohio's transportation and utility systems allow food waste processors multiple options
- Ohio has the necessary seasonal and permanent workforce
- The State of Ohio views food waste diversion as a valuable waste management strategy
- There is grant money available to invest in new & expansion type projects

# Paygro – 2006 MDG Project

- Paygro (Garick Corporation) – South Charleston, Ohio
- Mulch and soil amendment products
- In-vessel composting system
- 2006 Market Development Grantee - \$250,000
- Material grinder with radial stacking conveyor and site preparation
- Transportation: both in-house and contracted
- Sources include: Dole, OSU, Whole Foods (Columbus) and Ohio Expo Center

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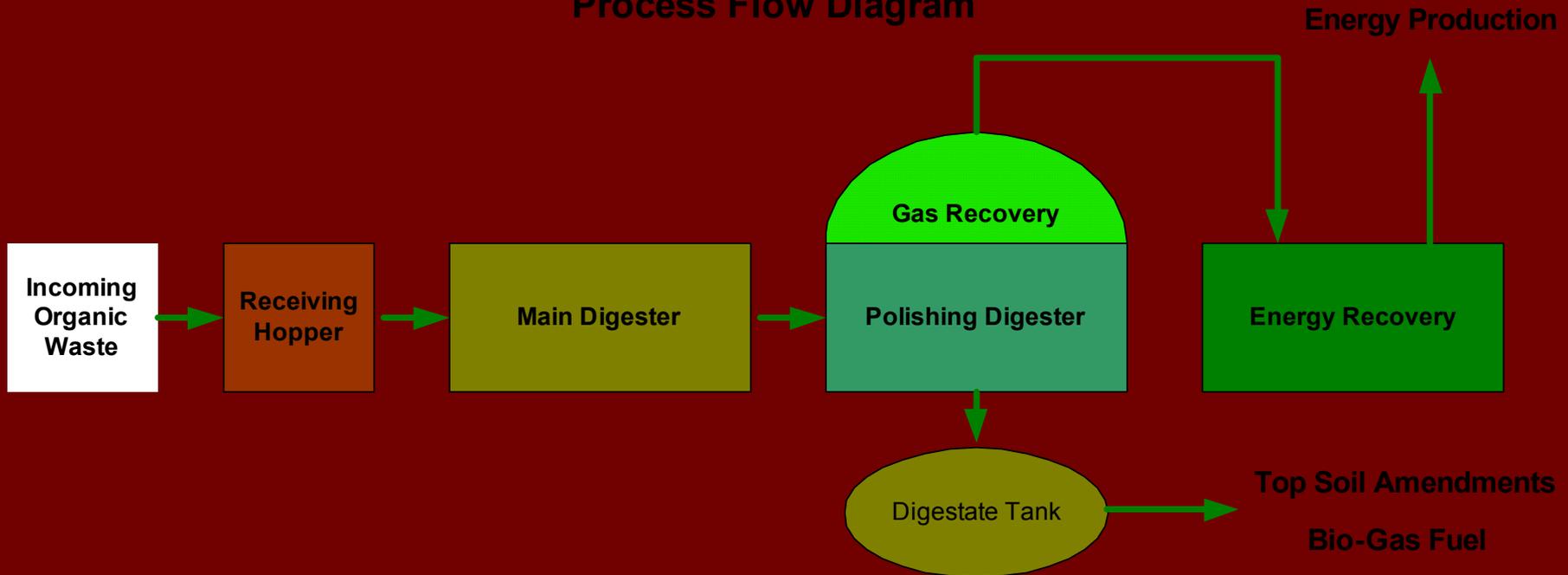


# Kurtz – 2007 MDG Project

- Kurtz Brothers, Inc. – Columbus, Ohio
- Mulch and soil amendment products
- 2007 Market Development Grantee - \$250,000
- Organic Waste Recycling & Recovery System (anaerobic digestion system)
- Combined heat and power unit and control panels
- Transportation: both in-house and contracted
- Sources include: City of Columbus, Ohio Expo Center, area restaurants, etc.

# Kurtz Brothers – OWRR System

Organic Waste Recycling and Recovery System  
Process Flow Diagram



# Barnes Nursery – 2006 USEPA Project

- Barnes Nursery, Inc. – Huron, Ohio
- Mulch and soil amendment products
- Windrow composting system
- 2006 USEPA Special Assistance Grantee - \$15,000
- Material resource and processing capability study
- Transportation: both in-house and contracted
- Sources include: Whole Foods (Cleveland), Sawmill Creek Resorts, Kalahari Resorts, etc.

# Barnes Nursery – 2006 USEPA Project



# Ohio University – 2007 MDG Project

- Ohio University – Athens, Ohio
- Propose to produce soil amendment material
- No existing food waste diversion at time of grant award
- 2007 Market Development Grantee - \$250,000
- 2007 College & University Grantee - \$50,000
- In-vessel composting system (2.5 tpd unit) & solar panels
- Transportation: in-house
- Sources include: Ohio University food service facilities

# YSU – 2007 CUG Project

- Youngstown State University – Youngstown, Ohio
- Produce soil amendment material
- No existing food waste diversion at time of grant award
- 2007 College & University Grantee - \$4,200
- In-vessel composting storage area (100 lbs. per day unit)
- Transportation: in-house
- Sources include: YSU food service facilities

# YSU – 2007 CUG Project



# Market Development Grant

- Targeted Material: organic (food & fiber-based) material
- Eligible Applicants: Ohio businesses and non-profit organizations sponsored by Ohio counties, municipalities with populations over 50,000 and SWMD/SWMA
- Funding Criteria: provided with grant application package
- Maximum Award: \$250,000/project with 100% match
- Important Dates:
  - application release - 11/16/2007
  - submission deadline - 2/01/2008
  - award announcement - 5/2008
  - contracts effective - 7/2008

# College & University Recycling & Waste Reduction Grant

- Targeted Material: organic (food & fiber-based) material
- Eligible Applicants: Ohio public colleges and universities (ORC 3345.011)
- Funding Criteria: provided with grant application package
- Maximum Award: \$50,000/composting project with a required 50% match
- Important Dates:
  - application release - 11/16/2007
  - submission deadline - 2/01/2008
  - award announcement - 5/2008
  - contracts effective - 7/2008

# Goals & Objectives

- Five-year Goals
  - Establish a viable food waste material processor in each of the five regions of the state
  - Create and maintain educational material for Ohio generators
  - Reduce the food material entering Ohio's municipal solid waste landfills
  - Continue to partner with those entities whom represent food waste generators, processors and regulators

# Ohio Department of Natural Resources

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