

Agriculture and Biomass

*N.J.'s Food & Agriculture Sector
Can Help Fuel
a Renewable Energy Future*

Digester at Landis

- Funded by U.S. Dept. of Energy - \$475,750

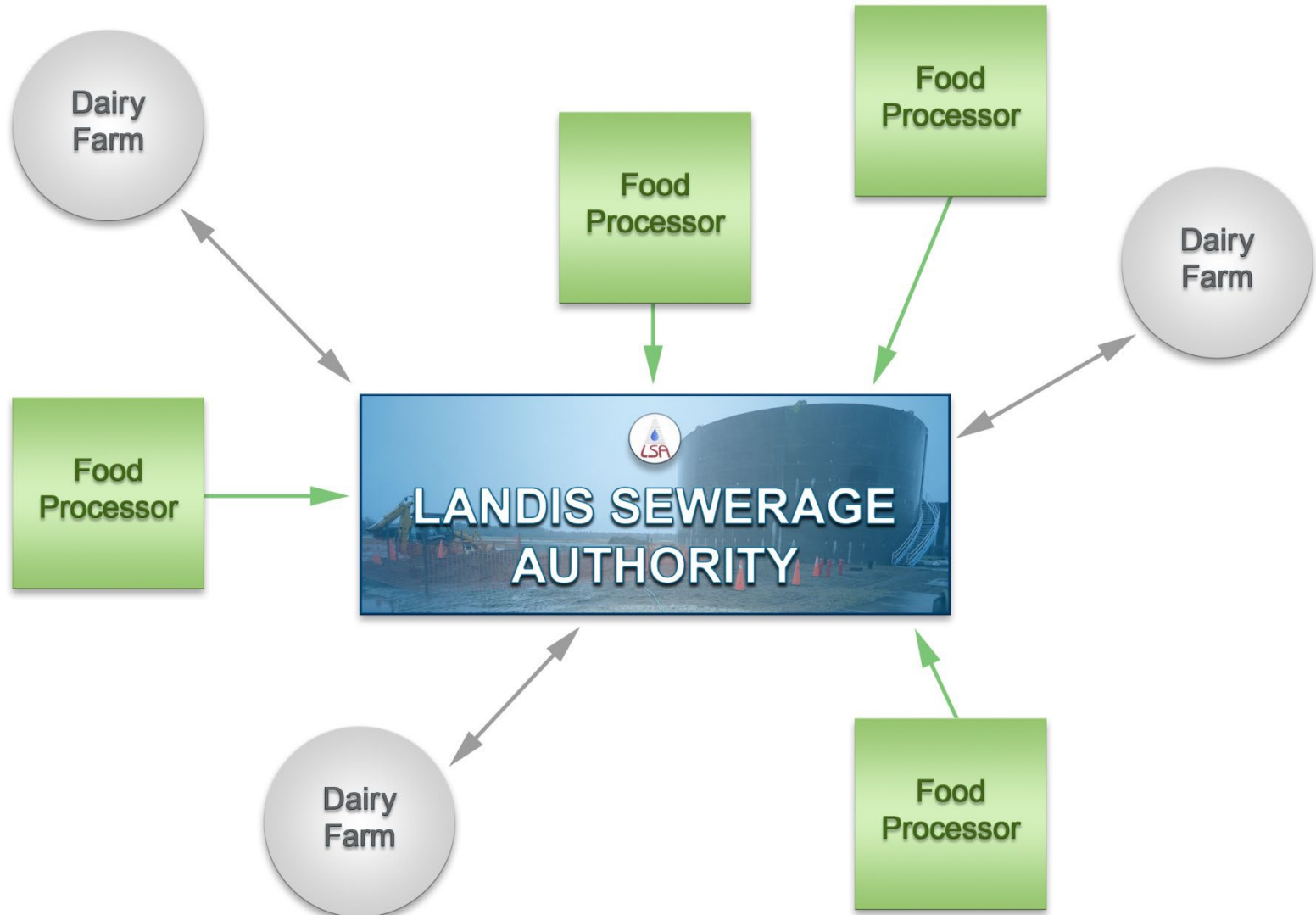


Digester at Landis

Need >500 head for an individual farm digester.
NJ has small dairy farms. Only one has 500+.
Solution: Find central facility where manure & food waste could be digested to create energy.



A New Option



Digester at Landis



Digester at Landis

Economic and Environmental Benefits

- Shorter haul for food-processing waste (versus trucking to PA landfills), reducing hauling distance/costs/diesel emissions and landfill space needs
- Dairy farmers have a reliable manure-management system and receive clean digestate for fertilizer in return for providing manure to the digester
- Landis creates more of its own energy for operations, reducing draw from the grid
- Ongoing MABA research into the best blends for creating the most biogas

Digester at Landis

**Received 2015 “Wave Award”
for Forward Thinking from the
Association of Environmental Authorities of
New Jersey**