

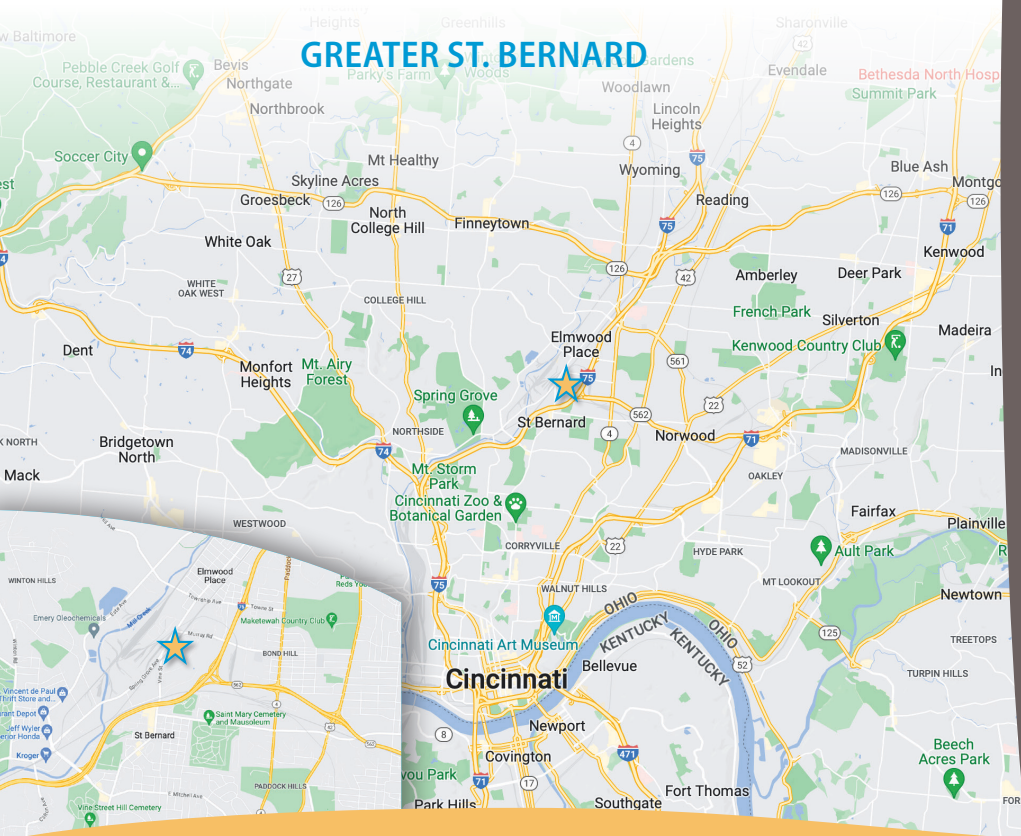


# ST. BERNARD

Synthica is designing, building and operating a large-scale, contracted anaerobic digestion facility in St. Bernard, Ohio. The facility will convert pre-consumer food and industrial organic waste into renewable natural gas (RNG).



Representation of Synthica San Antonio facility. Note: enclosed system with no outdoor storage or lagoons.



## BY THE NUMBERS

- **190,000 Tons:** Total amount of food-derived feedstock accepted per year
- **250,000 MMBtu:** Amount of pipeline-quality Renewable Natural Gas (RNG) output per year
- **1st:** Anaerobic digestion plant within 50 miles of Cincinnati
- **\$50 million:** Total capital investment to build state-of-the-art facility on an industrial zoned parcel
- **30+:** Construction jobs supported during buildout
- **20:** Number of high-paying jobs once operation begins

Groundbreaking:  
**July 2023**

Commercial Operation:  
**Begins Q4 2024**

# S T . B E R N A R D

## Why St. Bernard?

- Proximity to food manufacturers
- Access to natural gas infrastructure
- Highway access
- Growing industry
- Available industrial land

## Benefits For The Region



- Increased tax revenue, allowing for increased funding of infrastructure and community development



- Establishes leadership in growing renewable energy and food waste solutions sector



- Job creator for the area – both Synthica jobs and attraction of more food/beverage facilities/jobs



- Reduction of regional carbon and methane emissions to improve environmental footprint

## F E E D S T O C K S F O R D I G E S T I O N

### ACCEPTED Feedstocks

- Food and beverage manufacturing byproducts
  - Expired and damaged produce
- Glycerine byproducts from oleochemical production
- Byproducts from renewable/biodiesel production
- Spent yeast, bad beer and other depackaged food and beverage products
  - High-strength wastewater
    - Belt presses/filters
  - Sludges and filter cakes

### NOT ACCEPTED Feedstocks

- Manure
- Wood or biomass
- MSW (municipal solid waste)
- Municipal wastewater treatment sludge
- Non-organic materials