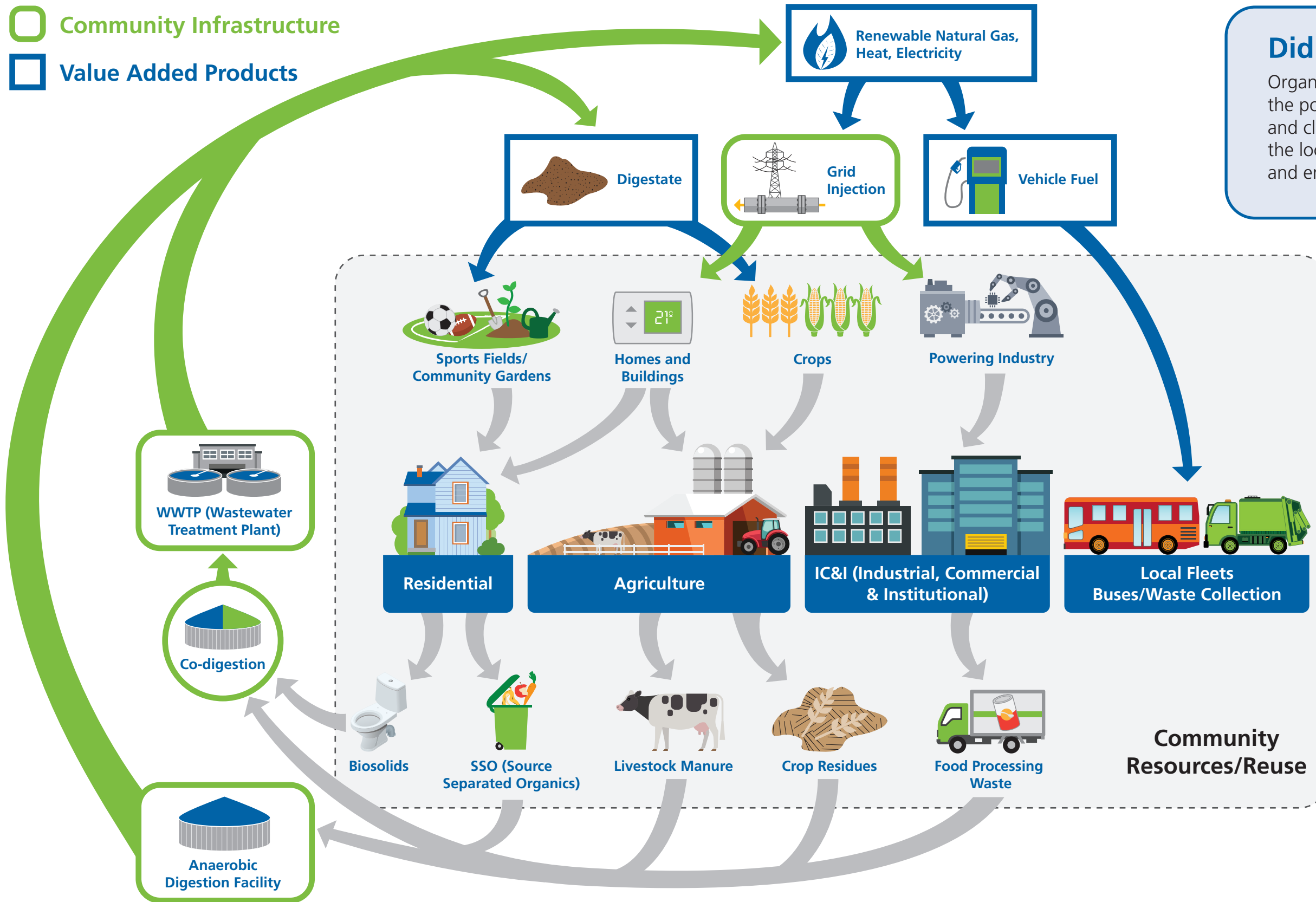


Community Benefits of Biogas and Anaerobic Digestion

- Community Infrastructure
- Value Added Products



Did you know?
Organic waste is usually processed close to the point of generation with the nutrients and clean energy being directly utilized by the local community, boosting the economy and ensuring sustainability.

Co-digestion:
A process where energy-rich organic waste materials are added to wastewater digesters with excess capacity. A primary benefit of co-digestion is that it uses existing infrastructure to divert food waste to recover resources.

Anaerobic Digestion:
A biological process that breaks down organic matter in an oxygen-free environment to create biogas.

Value Added Products:
Recovering resources out of materials typically considered waste to create additional beneficial products.

Renewable Natural Gas (RNG):
Biogas can be upgraded to RNG. RNG is carbon neutral and interchangeable with conventional natural gas.

Digestate:
Digestate is the product that comes from the anaerobic digestion of organic material and is a nutrient-rich slurry that can be used as a soil amendment, compost and fertilizer to recycle nutrients.