



VOCABULARY

Use the [Teaching Slides](#) to review these words and concepts as needed.

emission (noun)

The root word for emissions is emit. When you emit something, it means you give out something like a gas. For example, cows emit methane during digestion. Emission refers to the thing or gas being emitted.

For example, waste that enters our landfills accounts for about 19% of all methane emissions in the U.S.

- So what do you think carbon emissions refer to? That's right, gases that relate to carbon, mainly carbon dioxide.
- How does the HomeBiogas system reduce emissions?

renewable energy (noun)

Biogas is a type of renewable energy. Renewable energy is clean energy, which means it comes from natural sources or processes that are not likely to run out.

For example, wind and solar energy are other examples of renewable energy—we are not likely to run out of sunlight and wind. Wind is another form of renewable energy.

- How do we harness the power of the wind?
- What are other forms of renewable energy?
- Why is renewable energy important?

organic (adjective)

Organic refers to things that are living organisms. Organic waste is waste from plant and animal sources.

- What kinds of organic matter can be turned into biogas?
- What kinds of organic matter can be composted?