

THE POWER OF POO: METHANE DIGESTERS IN ACTION

BENEFITS TO THE ENVIRONMENT

Organic material (manure) is deposited into the digester.

The digester uses anaerobic digestion to break everything down.

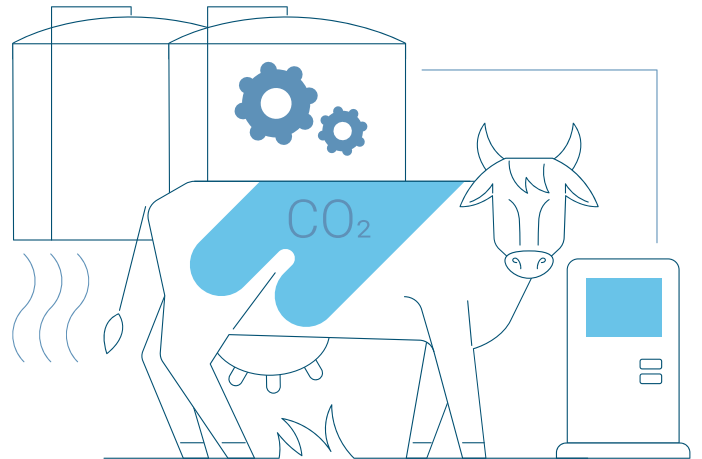
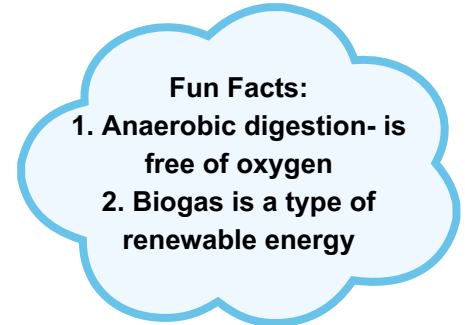
This results in two byproducts:
biogas and digestate.

The biogas can be used as renewable energy. This is often what many farms use to run the equipment.

Some digesters help to provide power for the communities around them.

WHAT CAN BE GAINED

Digestate is rich in nutrients and is preferred to be used as a fertilizer. It makes great bedding for cows too!



Waste Management:
reduces materials in
landfills

Renewable Energy:
generates its own,
lowering greenhouse
gasses

Nutrient Recycling:
digestate is put back
in to the soil

Economic Opportunities:
tax incentives for
sustainable operations,
fertilizer can be sold, and
in some cases the energy
produced is paid for by
utility companies intaking
the energy to their grid.

