

NORTHWEST OHIO DIGESTER PROJECT

PAULDING COUNTY



OUR TEAM

Ohio Renewables Holdings, LLC (ORH) is an Ohio-based renewable energy company committed to producing renewable natural gas and associated by-products derived from dairy cow waste.

OUR VISION

With innovative projects, ORH will effectively help northwest Ohio's dairy community reduce their methane emissions while creating clean renewable gas to reduce the dependence on fossil fuels. As a result, over the next ten years, **\$50 Million is estimated to be generated in our region.**

OUR DIGESTERS

We are utilizing proven technology created by expert engineers that have installed over 140 of their anaerobic digesters at +130 sites in 24 states nationwide since 2001. In fact, their very first digester is still operating today.

OUR IMPACT

Our innovative process will allow us to more effectively manage nutrients and conserve sensitive watersheds like the Western Lake Erie Basin and significantly reduce the overall carbon footprint of the northwest Ohio dairy community. **specific impacts below:**



REDUCE RISK

Anaerobic digestion (AD) has been shown to **reduce pathogens** in manure such as fecal coliform, Enterococci, E-coli, MAP, and bovine enterovirus by over 90%. It also significantly **reduces odor** while making digestate (by-product of AD) more plant accessible. When applied as fertilizer, digestate greatly reduces the risk of runoff contamination.



DECREASE GHGs

Our process captures fresh manure before methane can emit into the atmosphere. By working with several area dairy farms, our digesters will remove greenhouses gases equivalent to **removing approximately 45,000 cars off the roadway each year.**



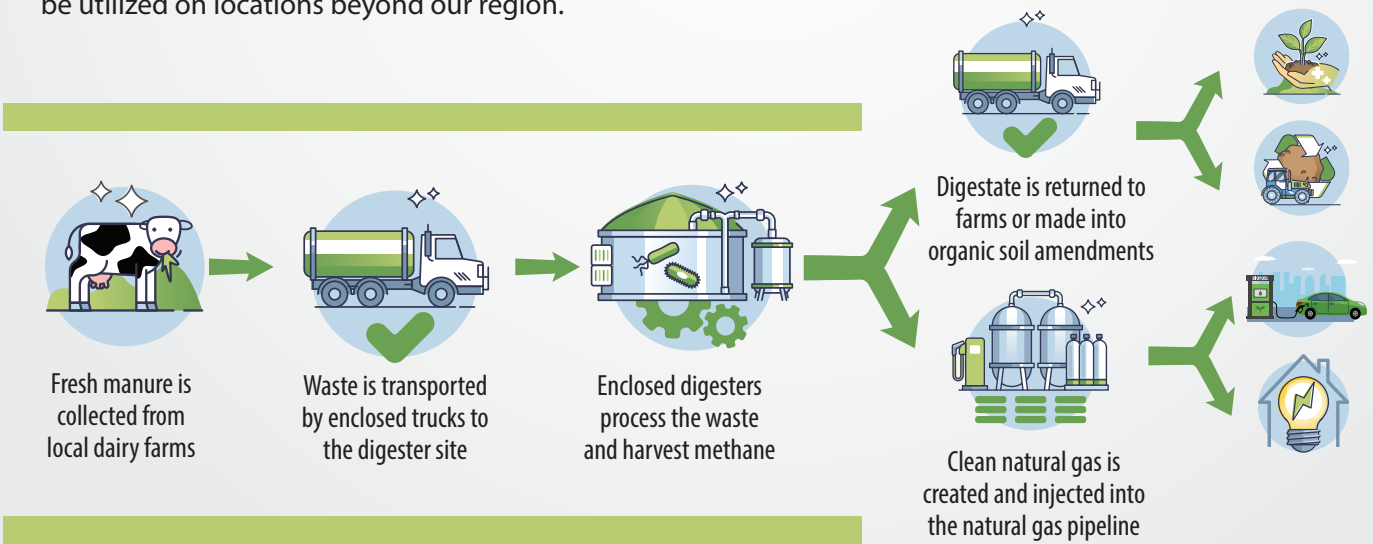
CREATE JOBS

With new construction of the digesters and upgrades to participating dairy farms, more than **85 temporary and permanent jobs** are expected to be created as a result of the ORH Northwest Ohio Digester Project.



OUR PROCESS

ORH is creating renewable natural gas (RNG) by processing existing dairy manure from local farms to capture methane through anaerobic digestion. The RNG will be injected into the existing natural gas pipeline where it can be utilized to offset the use of fossil fuels and decrease methane emissions into the environment. Post digestion, the digestate will be a low odor, nearly pathogen-free product that can be returned to the farms to be applied to cropland or turned into organic soil amendments like compost, biochar or organic fertilizer that can be utilized on locations beyond our region.



For more FAQ's and project information, scan the QR code >>>



www.ohiorenewablesholdings.com