

# RENEWABLE NATURAL GAS

## CLEAN GREEN ENERGY



ALL ORGANIC MATERIAL CONTAINS  
**ENERGY**



### TRADITIONALLY...

WE'VE RELIED ON ORGANICS BURIED AND COMPRESSED OVER THOUSANDS OF YEARS: **FOSSIL FUELS.**



### TODAY...

WE HAVE THE TECHNOLOGY TO CONVERT ORGANIC WASTE INTO A RENEWABLE FORM OF ENERGY: **RENEWABLE NATURAL GAS (RNG).**

## HOW IS RNG USED?

RNG CAN BE USED TO POWER OR FUEL ANYTHING THAT RUNS ON NATURAL GAS



## SOURCES OF ORGANICS

TO PRODUCE RNG



FOOD WASTE  
**66.5 MILLION**  
TONS/YEAR



WASTE WATER  
**17,000**  
FACILITIES



AGRICULTURAL WASTE  
**8,000**  
LARGE FARMS AND DAIRIES



LANDFILL GAS  
**1,750**  
LANDFILLS

## CURRENT RESOURCES

### LANDFILL GAS TO ENERGY -

AS WASTE DECOMPOSES IN A LANDFILL, IT CREATES A RAW BIOGAS WHICH CAN BE COLLECTED AND UPGRADED TO RENEWABLE NATURAL GAS.

#### ONSITE POWER LANDFILL GENERATION PROJECTS

**636** CURRENT PROJECTS

**450** PROJECT CANDIDATES

#### RENEWABLE NATURAL GAS PROJECTS

**40** CURRENT PROJECTS

**>1,000** PROJECT CANDIDATES

### ANAEROBIC DIGESTION -

A BIOLOGICAL PROCESS THAT TURNS ORGANIC WASTE INTO RAW BIOGAS (AND SOIL AMENDMENTS) WHICH MAY BE UPGRADED TO RENEWABLE NATURAL GAS.

#### WASTE WATER ANAEROBIC DIGESTERS

**1,200** CURRENT PROJECTS

**3,500** PROJECT CANDIDATES

#### AGRICULTURAL ANAEROBIC DIGESTERS

**239** CURRENT PROJECTS

**>12,000** PROJECT CANDIDATES

## TRANSFORMING WASTE

INTO

## RNG WOULD...

REPLACE  
**7 BILLION**  
GALLONS OF DIESEL USED IN  
TRANSPORTATION ANNUALLY



BE LIKE  
**REMOVING 4 MILLION**  
CARS FROM THE ROAD



POTENTIALLY  
**GENERATE 70,000**  
JOBS



POLICIES THAT PROMOTE  
PRODUCTION & USE OF RNG



- RENEWABLE FUEL STANDARD (RFS2)
- LOW CARBON FUEL STANDARDS (LCFS)
- RENEWABLE PORTFOLIO STANDARDS (RPS)

**VOTE RNG**