

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



RNG



HOMES



MANUFACTURING



VEHICLES

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.

636 ONSITE POWER LANDFILL GENERATION PROJECTS
DEVELOPED SOURCES

450 PROJECT CANDIDATES
UNDEVELOPED SOURCES

40 RENEWABLE NATURAL GAS PROJECTS
DEVELOPED SOURCES

>1,000 PROJECT CANDIDATES
UNDEVELOPED SOURCES

ANAEROBIC DIGESTION -

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

12,000 ONSITE POWER LANDFILL GENERATION PROJECTS
DEVELOPED SOURCES

3,500 PROJECT CANDIDATES
UNDEVELOPED SOURCES

239 RENEWABLE NATURAL GAS PROJECTS
DEVELOPED SOURCES

>12,000 PROJECT CANDIDATES
UNDEVELOPED SOURCES

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

FOR MORE ON RENEWABLE NATURAL GAS, PLEASE VISIT:

THE COALITION FOR RENEWABLE NATURAL GAS: WWW.RNGCOALITION.COM

SUSTAINABLE AMERICA: WWW.SUSTAINABLEAMERICA.ORG

ENERGY VISION: WWW.ENERGY-VISION.ORG

SOURCES:

AMERICAN GAS FOUNDATION

WWW.GASFOUNDATION.ORG/RESEARCHSTUDIES/AGF-RENEWABLE-GAS-ASSESSMENT-REPORT-110901.PDF

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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THE COALITION FOR RENEWABLE NATURAL GAS

WWW.RNGCOALITION.COM/RNG-FACILITIES.HTML

NATURAL RESOURCES DEFENSE COUNCIL

WWW.NRDC.ORG/FOOD/FILES/WASTED-FOOD-IP.PDF

ENERGY VISION

WWW.ENERGY-VISION.ORG/WORDPRESS/WP-CONTENT/UPLOADS/2013/10/EV-RNG-COMMUNITY-GUIDE.PDF

