SMART Initiative

The Coalition for Renewable Natural Gas (RNG Coalition) is the trade association representing the renewable natural gas (RNG) industry in North America, providing policy advocacy and public education to advance our mission and achieve our SMART Initiative. RNG Coalition's membership includes 390+ entities operating across the entire RNG value and supply chain and represents 99% of the cellulosic biofuel category under the Renewable Fuel Standard program.

Mission: Advocate and education for the sustainable development, deployment, and utilization of RNG so that present and future generations have access to domestic, renewable, clean fuel and energy.

Sustainable Methane Abatement & Recycling Timeline (SMART): Capture and control methane from 43,000 aggregated organic waste sites across North America by 2050, achieving meaningful benchmarks scheduled for 2025, 2030 and 2040.

<u>43,000 organic waste sites</u>
*4,400 Landfills + 140 Million Tons of Food Waste/Year +
19,000 Large Farms+
20,000 Wastewater Treatment Plants, Food Waste, Lagoon Facilities & Agricultural Operations

*80% of RNG derived from Landfills were Landfills that were previously either flaring or not collecting landfill gas.

<u>SMART benchmarks:</u>
500 projects by 2025
1,000 projects by 2030
5,000 projects by 2040
43,000 projects by 2050

<u>RNG Production volumes:</u>
2015 - we produced 13.5 BCF/year of RNG
2020 - we had production capacity of 60 BCF/year
By 2025, we expect to produce 230 BCF/year.

TODAY, sufficient RNG could be developed from organic waste to replace **13%+ of total current gas demand in the United States**; Enough RNG to supply and decarbonize **100% current commercial gas demand nationwide** OR **75% of current residential demand** OR **45% of industrial demand in the United States.** In Canada, there is enough RNG potential to supply and decarbonize 10% of current commercial demand or 10% of residential demand.

<u>Employment:</u>
15,000 jobs per 100 facilities; SMART Initiative = estimated 6.5 million jobs