CELEBRATING 20 YEARS OF ANAEROBIC DIGESTION

PROMOTING THE USE OF BIOGAS RECOVERY SYSTEMS TO REDUCE METHANE EMISSIONS FROM LIVESTOCK WASTE

BUILDING ON 20 YEARS OF SUCCESS

EMISSIONS REDUCTIONS FROM LIVESTOCK AD

19 MILLION

METRIC TONS OF CO, EQUIVALENT REDUCTION IN GHG EMISSIONS SINCE 1994

EMISSION REDUCTION EQUIVALENT TO:

CO, EMISSIONS FROM

2 Billion gallons of gasoline consumed

CARBON SEQUESTRATION BY



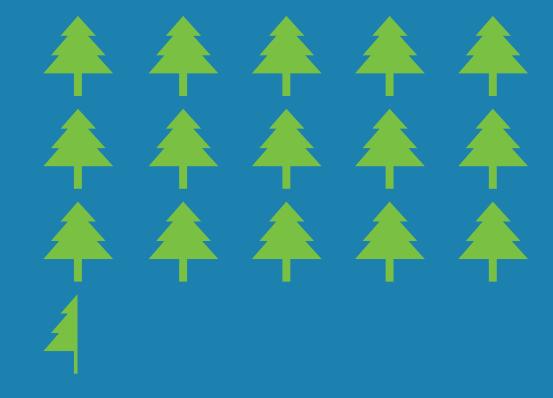
2.6 Million homes' electricity use for one year



5 Coal-fired power plants in one year







ENERGY PRODUCTION FROM LIVESTOCK AD

5.3 BLLON KILOWATT HOURS (KWH) EQUIVALENT OF ENERGY SINCE 1994



CO-BENEFITS OF ANAEROBIC DIGESTION



ODOR REDUCTION

ADDITIONAL FARM REVENUE

MANURE FIBER PRODUCTS (BEDDING, POTTING SOIL, ETC.)

> HIGH-QUALITY LIQUID FERTILIZER

POTENTIAL FOR REDUCED PHOSPHORUS AND NITROGEN RUN-OFF

PARTNER PROGRAM

Non-Profit

Academia 10



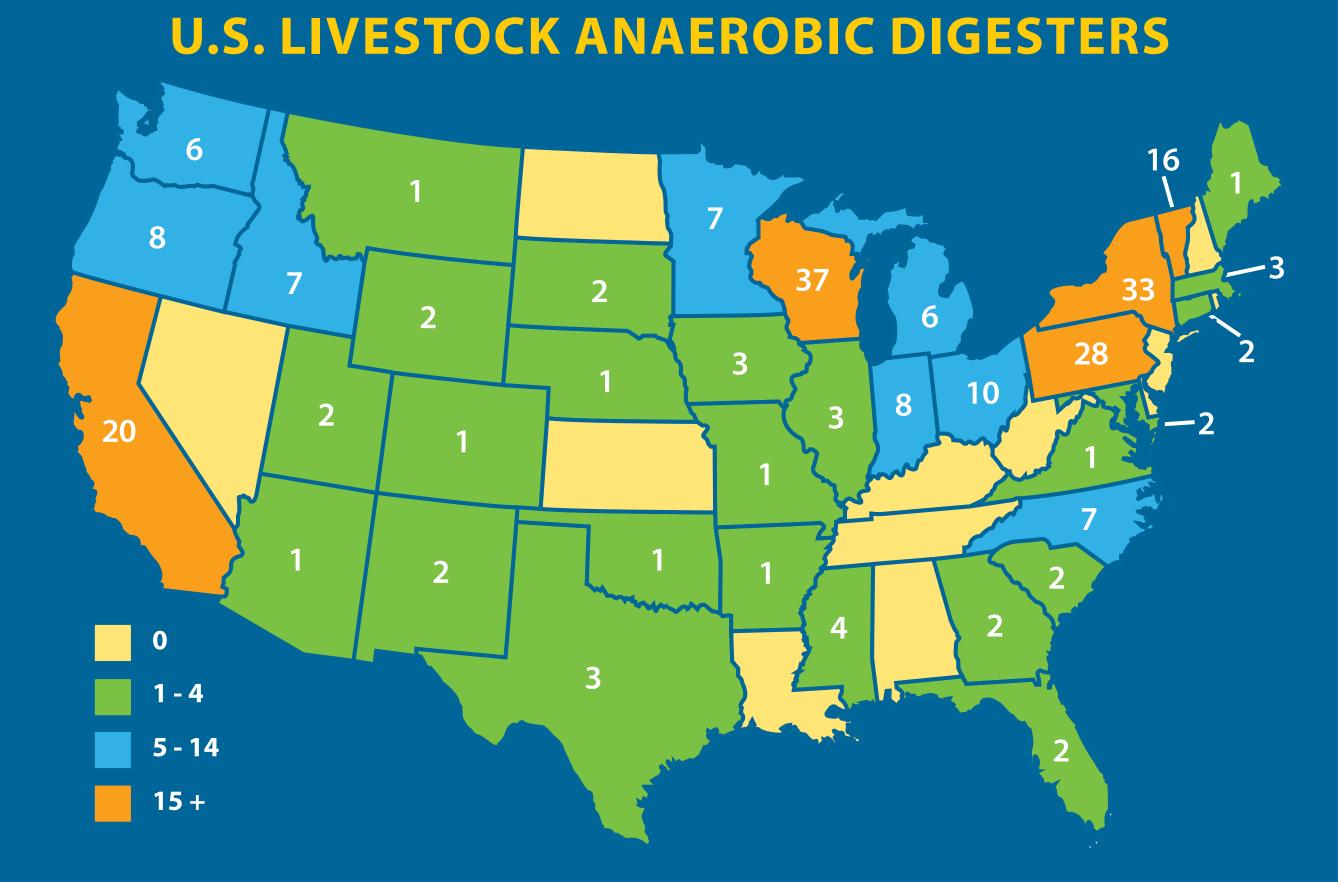
AgSTAR partners with eligible organizations to promote the planning, deployment and long-term success of AD systems. Join us as we continue to grow over the next 20 years!

RESOURCES

AD101 EDUCATION FACT SHEETS A G S T A R D G E S T PARTNER PROGRAM VENDOR DIRECTORY USDA STATUS REPORT AGSTAR HANDBOOK FARM PROJECT PROFILES TECHNICAL ASSISTANCE NATIONAL MAPPING TOOL MARKET OPPORTUNITIES PERMITTING GUIDELINES

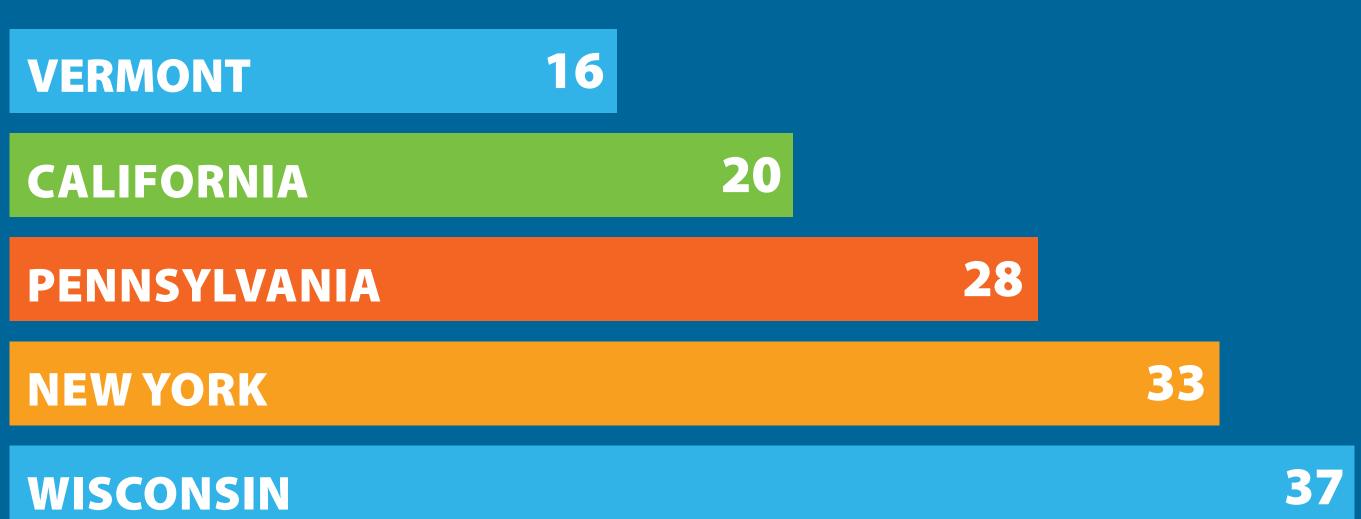
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TODAY'S ANAEROBIC DIGESTER LANDSCAPE

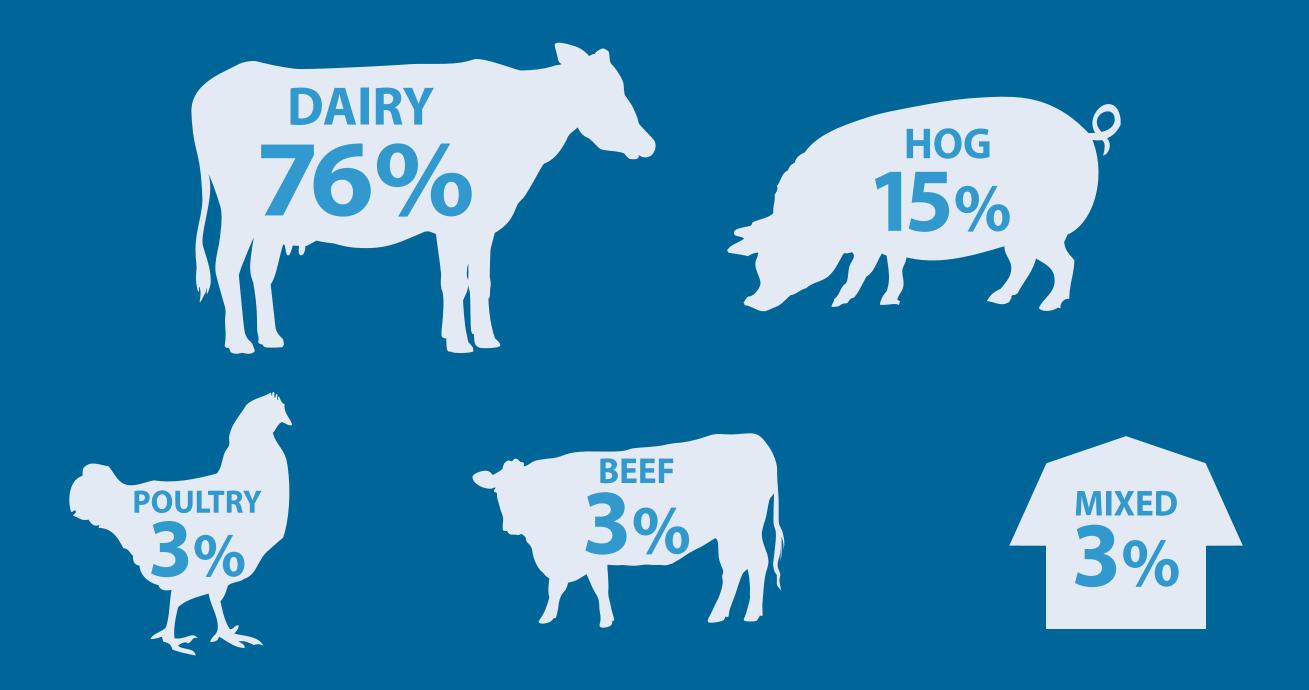


In 1994, there were only a handful of anaerobic digesters operating on livestock farms. Since that time, more than 200 additional systems have been installed, resulting in approximately 247 digesters at the end of 2014.

TOP FIVE STATES WITH OPERATING DIGESTERS



DIGESTER PROJECTS BY LIVESTOCK TYPE (TOTAL: 247 DIGESTERS)



1994 AgSTAR Program Launched		1996 Regional AgSTAR Charter Farms Established		2005 Energy Policy Act Created the RFS Program		<mark>2009</mark> NRCS Standa Revised	Bic rds Ro	2014 <i>Biogas Opportunities</i> <i>Roadmap</i> Published by DOE, EPA, USDA		
	1995 NRCS Int Technica Standard for Diges Develop	l İs ters	2002 Farm Bill I Renewabl Energy Eff	e Energy		2008 Farm Bil Revised to Inclue REAP Pr	de	for	4 Pathways Biogas dated	
19	94 1996	1998	8 2000	2002	2004	2006	2008	2010	2012	2014