

U.S. METHANE MITIGATION INDUSTRY: GROWING STRONG



The U.S. methane mitigation industry continues to expand steadily, marked by the growth of innovative companies and an increasing number of employee locations each year.

These firms play a crucial role in helping oil and gas operators reduce methane emissions, either by manufacturing low- or zero-emission equipment or by detecting and measuring methane leaks for timely repairs.



**AN ANALYSIS BY DATU RESEARCH
2025**



INTRODUCTION

IN THIS 2025 ANALYSIS, WE UPDATE AND EXPAND THE INVENTORY OF RELEVANT FIRMS THAT PLAY EITHER A MANUFACTURING OR SERVICES ROLE IN METHANE EMISSIONS MITIGATION.

Datu Research has analyzed this industry in three previous reports: in 2014, 2017, and 2021. Our 2014 analysis focused on relevant manufacturing firms as a key indicator of the industry's strength. In 2017, we analyzed a rapidly expanding sector, the service firms that provide leak detection. Our 2021 report took a comprehensive look at both the manufacturing and service sectors. The years that followed those initial studies saw enormous growth in the methane mitigation industry, including:

- An 88% increase in the number of manufacturing firms in the past decade (2014-2024) and
- A 105% increase in the number of service firms in the past seven years (2017-2024).

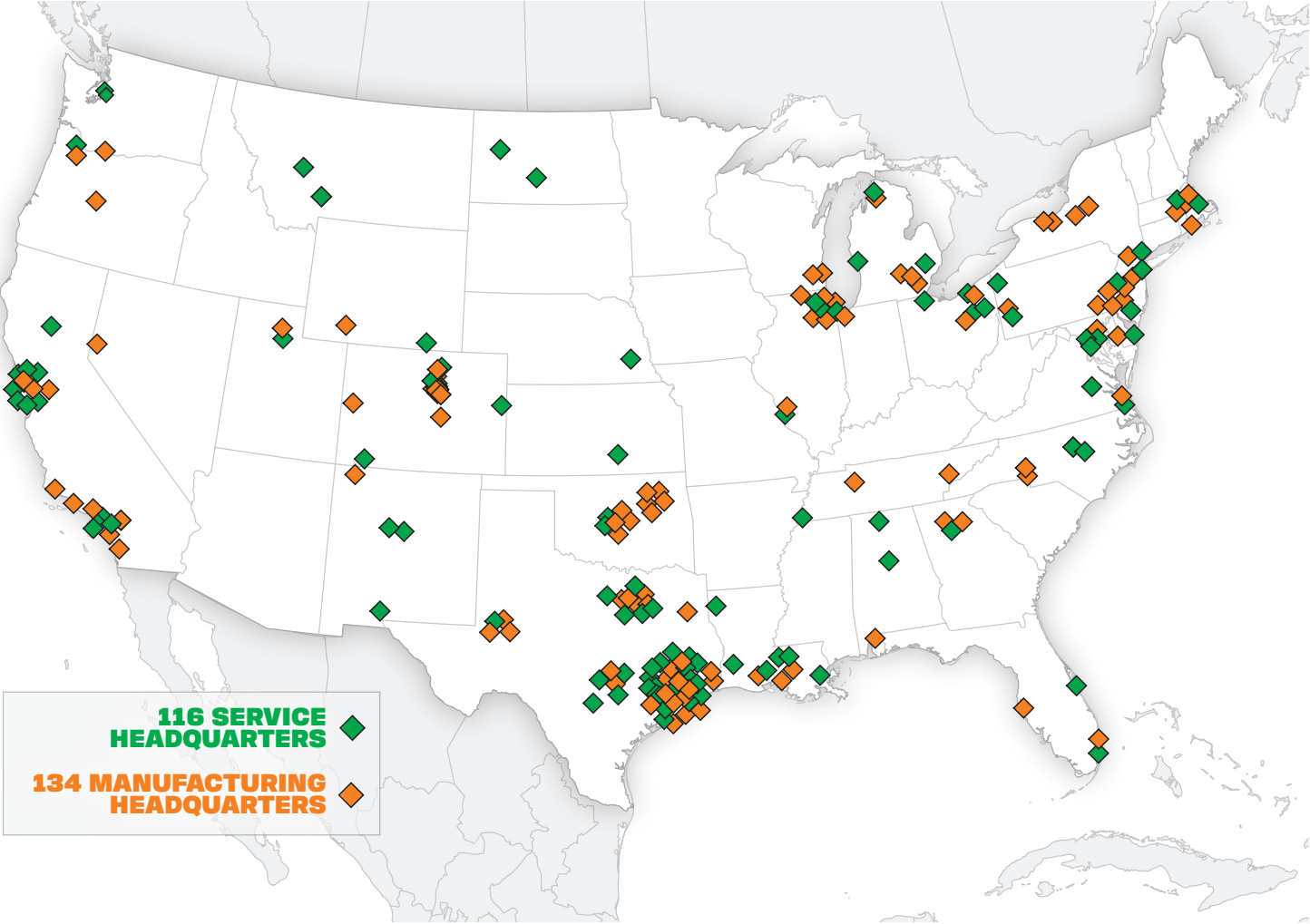
The current report is based on 2024 data.

Between 2021 and 2024, this industry has been characterized by both newly-opened locations and the growth of new, emerging companies such as AerialOGI, which specializes in drone-based methane detection. At the same time, some established companies have undergone significant transitions — such as Flare Industries rebranding to Aerion — while others, like Compression Products International, were acquired by larger entities like Chart Industries.

These changes have resulted in a notable net increase in the number of firms and employee locations even in the past three years, signaling a thriving industry that provides high-quality jobs across many states.



FIGURE 1. U.S. HEADQUARTER LOCATIONS IN THE METHANE MITIGATION INDUSTRY



HERE ARE NINE KEY FINDINGS FROM OUR 2025 ANALYSIS:

TABLE 1: CHANGE IN NUMBER OF METHANE EMISSIONS MANAGEMENT INDUSTRY FIRMS, 2021-24

Methane Mitigation, Service and Manufacturing Firms, U.S.	Percentage Change Over Specified Reporting Periods		
	2021	% Change 2021-2024	2024
Total Manufacturing + Service companies	215	+23.7%	268
Total Manufacturing + Service locations	748	+39.0%	1040

- The total number of U.S. manufacturing and service companies in methane mitigation is growing quickly.** In 2024, 268 companies were identified nationwide, a 23.7% increase from the 215 companies found in 2021.
- The total number of U.S. employee locations is growing even faster.** Today there are 1,040 identified employee locations, a 39% increase from the 748 sites found in 2021.

MANY OF THESE COMPANY LOCATIONS ARE UNDERSTANDABLY CONCENTRATED IN OIL-AND-GAS-PRODUCING STATES, SUCH AS TEXAS, NEW MEXICO, NORTH DAKOTA, ALASKA, AND COLORADO.

- The top five states collectively represent more than half of all U.S. methane mitigation industry employee sites.** Texas, California, Colorado, Oklahoma, and Pennsylvania account for 573 of the relevant 1,040 employee locations nationwide.

TABLE 2: TOP 15 STATES IN U.S. EMPLOYEE LOCATIONS, METHANE MITIGATION

State	Count of Locations
TEXAS	291
CALIFORNIA	87
COLORADO	74
OKLAHOMA	70
PENNSYLVANIA	51
OHIO	36
LOUISIANA	36
ILLINOIS	31
NORTH DAKOTA	28
NEW MEXICO	19
MASSACHUSETTS	19
WYOMING	19
NEW YORK	18
MICHIGAN	15
FLORIDA	14

- Texas alone, with 291 sites, accounts for 28% of the industry’s employee locations.**
- The next highest concentrations are in California and Colorado.** These two states have 87 and 74 locations, respectively. Notably, these two states were the first to adopt statewide, comprehensive rules for new and existing sources to reduce methane emissions and have continued to strengthen regulations over the years.

Of the 268 firms, 145 are manufacturers. They range from cutting-edge start-ups to century-old companies, such as A.W. Chesterton, a large company founded in 1884 whose many offerings currently include low-emission packing and seals. Our analysis of the 10 equipment categories the firms are manufacturing appears to indicate especially fast-growing demand for alternatives to venting and flaring and flare mitigation.

6. **Leak Detection and Measurement** technology is the most often manufactured category, with 55 manufacturers reporting they manufacture this equipment.
7. **Alternatives to Natural Gas-Driven Pneumatic devices remain the second most often manufactured**

category. In 2024, 34 firms produced these alternatives, up from 29 in 2021, marking a 17% increase.

8. **Flare mitigation and improved combustion technologies have surged in popularity.** In 2021, only 18 firms offered these technologies, but by 2024, the number had risen to 29, an increase of 61%.

In addition to manufacturing, firms providing methane leak detection and measurement services — and, in some cases, strategic advisory services for reducing methane emissions — account for 123 of the 268 total firms. Like the manufacturing firms, most service firms are small businesses, many employing fewer than 50 people.

FIGURE 2: NUMBER OF MANUFACTURING FIRMS PROVIDING METHANE MITIGATION, BY TECHNOLOGY

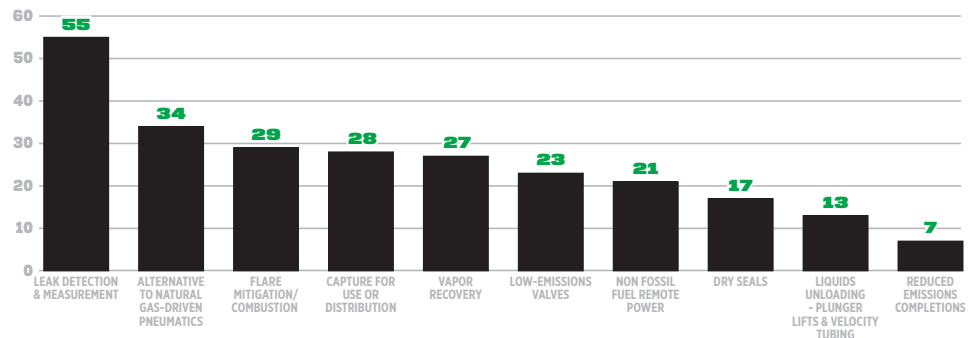
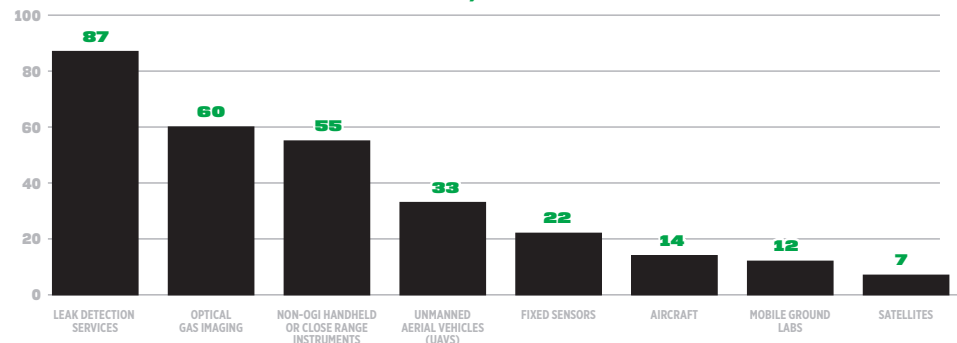


FIGURE 3: NUMBER OF SERVICE FIRMS PROVIDING LEAK DETECTION & MEASUREMENT, BY TECHNOLOGY



9. **These are good jobs with competitive wages.** Median annual salaries for relevant manufacturing occupations range from \$39,720 to \$127,120. In services, they range from \$47,670 to \$145,080.

TABLE 3: U.S. MEDIAN WAGES OF KEY OCCUPATIONS IN METHANOE MITIGATION MANUFACTURING, MAY 2023

Occupation	Median Annual Salary (\$US)
Software and Web Developers, Programmers, and Testers	\$ 127,120
Electronics Engineers, Except Computer	\$ 119,200
Chemical Engineers	\$ 112,100
Electrical Engineers	\$ 106,950
Environmental Engineers	\$ 100,090
Computer Programmers	\$ 99,700
Mechanical Engineers	\$ 99,510
Industrial Engineers	\$ 99,380
Civil Engineers	\$ 95,890
Occupational Health and Safety Specialists	\$ 81,140
Commercial and Industrial Designers	\$ 76,250
Electrical and Electronic Engineering Technologists and Technicians	\$ 72,800
Industrial Machinery Mechanics	\$ 61,420
Control and Valve Installers and Repairers	\$ 59,040
Assemblers and Fabricators	\$ 39,720

In conclusion, oil and gas operators that seek to reduce their methane emissions have many options, with 268 companies offering more than 18 categories of cost-effective technologies and services. The methane mitigation industry is poised to grow and innovate further as demand continues to rise.

TABLE 4: U.S. MEDIAN WAGES OF KEY OCCUPATIONS IN METHANOE MITIGATION SERVICES, MAY 2023

Occupation	Median Annual Salary (\$US)
Computer and Information Research Scientists	\$ 145,080
Computer Hardware Engineers	\$ 138,080
Software and Web Developers, Programmers, and Testers	\$ 127,120
Information Security Analysts	\$ 120,360
Chemical Engineers	\$ 112,100
Electrical and Electronics Engineers	\$ 109,010
Electrical Engineers	\$ 106,950
Computer and Information Analysts	\$ 105,830
Materials Engineers	\$ 104,100
Computer Systems Analysts	\$ 103,800
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$ 103,690
Environmental Engineers	\$ 100,090
Computer Programmers	\$ 99,700
Mechanical Engineers	\$ 99,510
Management Analysts	\$ 99,410
Industrial Engineers	\$ 99,380
Atmospheric and Space Scientists	\$ 92,860
Geoscientists, Except Hydrologists and Geographers	\$ 92,580
Physical Scientists	\$ 89,350
Chemists and Materials Scientists	\$ 87,180
Web Developers	\$ 84,960
Environmental Scientists and Geoscientists	\$ 81,360
Business and Financial Operations Occupations	\$ 79,050
Commercial and Industrial Designers	\$ 76,250
Aircraft Mechanics and Service Technicians	\$ 75,020
Drone operators	\$ 65,333
Drafters, Engineering Technicians, and Mapping Technicians	\$ 63,100
Calibration Technologists and Technicians	\$ 62,790
Computer Support Specialists	\$ 60,810
Precision Instrument and Equipment Repairers	\$ 59,380
Environmental Engineering Technologists and Technicians	\$ 54,000
Installation, Maintenance, and Repair Occupations	\$ 53,920
Environmental Science and Geoscience Technicians	\$ 51,220
Designers	\$ 47,670

Table 3 and 4 Source: May 2023 National Occupational Employment and Wage Estimates, https://www.bls.gov/oes/current/oes_nat.htm#00-0000

SERVICE FIRMS IN METHANE EMISSION MITIGATION INDUSTRY IN THE UNITED STATES

Service Firm	First Year	Industry Category	Technology	Employees	Sales (\$ millions)	Locations (HQ Appears First)
A.R.T. Aviation Services Corporation	2010	DM	LD, CR, A	<50	<\$15	TX
ABB Group*	1988	DM, AD	CR, UAV, S	10,001+	\$10,000+	NC, CA, OH, OK, PA, TX
AECOM	1910	DM, SA		10,001+	\$10,000+	TX, CA
Aerial Inspection Resources	2014	DM	LD, OGI,	<50	<\$15	OR
Aerial Production Services	2014	DM	LD, OGI, UAV	<50	<\$15	MD
AerialOGI	2022	DM	OGI, UAV	<50	<\$15	UT
Alliance Technical Group	2000	DM	LD, OGI, CR	201-1,000	\$51-\$500	AL, AZ, CA, KY, MA, TX, VA
Altamira	1994	DM, SA	LD, OGI	51-200	\$15-\$50	OK, TX
American Aerospace	2002	DM, AD	UAV	<50	<\$15	PA
Amerigo	2012	DM, SA	LD, OGI	<50	<\$15	TX
AmeriTek Environmental Services	1999	DM	LD, OGI, CR,	51-200	<\$15	TX
Apex Companies	1988	DM	LD, OGI, CR, UAV	201-1,000	\$51-\$500	MD
Apogee Scientific	1993	DM	LD, CR, A	<50	<\$15	CO
Aster Global	2019	SA		<50	<\$15	OH
Atlas Technical Consultants	2006	DM, SA	LD, OGI, CR	51-200	\$15-\$50	TX
Atmosfir Optics	2011	DM	LD, CR, FS	<50	<\$15	NC, CA
Atmospheric Corrosion Specialists	2003	DM	LD, CR, UAV	<50	<\$15	VA
Avanade	2000	AD		10,001+	\$10,000+	WA, AZ, CA, CO, GA, IL, MA, MN, NC, NY, TX
Aveva	2000	DM, AD	LD	5,001-10,000	\$10,000+	CA
BAE Systems	1880	DM, SA	CR, A	10,001+	\$10,000+	CO
Baker Energy Services	2010	DM, SA	OGI	51-200	\$15-\$50	ND
Baker Hughes*	1987	DM, AD	LD, OGI, CR, FS, MGL, UAV, RPS, V, APD, REC, PVLIT, FM, GC	10,001+	\$10,000+	TX, CA, CO, KS, LA, MA, MI, OH, OK
Beacon Energy Services	2008	DM, SA	LD	51-200	\$15-\$50	CA, UT
Bison Engineering	1980	DM, SA	LD, OGI	<50	<\$15	MT, AZ
Bridger Photonics*	2006	DM, AD	LD, CR, UAV, A	51-200	\$15-\$50	MT
C3.ai	2009	AD		201-1,000	\$15-\$50	CA, NY
Cameron-Cole	2001	DM, SA		51-200	\$15-\$50	CO, CA, FL, MA, TN
Cegal	2000	AD		201-1,000	\$51-\$500	TX
Chem-Air	1973	DM	A	<50	<\$15	LA
Chesapeake Bay Helicopters	1998		LD, CR, A	<50	<\$15	VA
Cimarron Energy*	1984	DM	LD, OGI, FS, PVLIT, VRU	201-1,000	\$51-\$500	TX, CO, KY, OH, OK
CleanConnect.ai	2020	DM, AD	LD, OGI	51-200	\$15-\$50	CO
Colorado Heli-ops	2009	DM	LD, CR, A	<50	<\$15	CO
COMM Engineering	1991	M	VRU, FM	<50	<\$15	LA, CO, OK, TX
Compressor Engineering*	1964	DM	CR, RPS	201-1,000	\$51-\$500	TX, LA
Cook Compression*	1888	DM	CR, FS, RPS	201-1,000	\$51-\$500	TX, CA, CO, IN, OK
Corridor Field Services	2016	DM	LD, OGI, UAV	<50	<\$15	AL
Crusoe*	2018	SA	FM, GC, RP	201-1,000	\$51-\$500	CO, ND, OK
Custom Stack Analysis	1965	DM	LD, CR, FM	<50	<\$15	OH, IL, NY, PR, SC
Cyberhawk	2008	DM	LD, UAV	51-200	\$15-\$50	CO, CA

*Also a manufacturing firm

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INDUSTRY CATEGORIES: **DM:** Detection & Measurement | **AD:** Advanced Data Analysis | **M:** Mitigation | **SA:** Strategic advisory

TECHNOLOGIES: **LD:** Leak Detection Services | **MGL:** Mobile Ground Labs | **RPS:** Rod Packing & Dry Seals | **PLVT:** Plunger Lift & Velocity Tubing | **OGI:** Optical Gas Imaging

UAV: Unmanned Aerial Vehicles | **V:** Low-emission Valves | **VRU:** Vapor Recovery Units | **RP:** Non-Fossil-Fuel Remote Power | **CR:** Other “Close Range” | **A:** Aircraft

APD: Alternatives to Gas-driven Pneumatic Devices | **FM:** Flare Mitigation | **FS:** Fixed Sensors | **S:** Satellites | **REC:** Reduced Emissions Completions

GC: Gas Capture For Use Or Distribution

SERVICE FIRMS IN METHANE EMISSION MITIGATION INDUSTRY IN THE UNITED STATES

Service Firm	First Year	Industry Category	Technology	Employees	Sales (\$ millions)	Locations (HQ Appears First)
Dan Fitzgerald & Associates	1979	DM	LD, CR, MGL	<50	<\$15	CA, IA, SD
Darbonne Services	1983	DM	LD, OGI, CR	<50	<\$15	LA
Dataiku	2013	AD		201-1,000	\$51-\$500	NY
DeNovo Global Technologies	2007	DM	LD, CR	<50	<\$15	TX
Emerson Electric	1890	DM	LD, CR, FS	10,001+	\$10,000+	MO
ENCOS	1994	DM, SA	LD, OGI, CR	<50	<\$15	LA
Enerflex*	1980		APD	1,001-5,000	\$1,001-\$10,000	CO, TX, WY
Environmental Compliance & Testing	2014	DM, SA	LD, OGI, CR	<50	<\$15	TN
ERM	1971	DM, SA	LD, OGI	5,001-10,000	\$501-\$1,000	CA, In
Flogistix*	1996	DM	LD, OGI, CR, FS, UAV, VRU	201-1,000	\$51-\$500	OK, CO, ND, NM, OH, TX, WY
Gas Detection Services	2017	DM	LD, CR, MGL, UAV, A	<50	<\$15	CO
Gas Ops Leak Detectives	2014	DM	LD, OGI, CR	<50	<\$15	CO
Gas Technology Institute	1941	SA		201-1,000	\$51-\$500	IL, CA, DC, GA, TX
GHD	1928	DM, SA	LD, OGI, CR	10,001+	\$1,001-\$10,000	NM
Heath Consultants*	1933	DM	LD, OGI, CR, FS, MGL, UAV	1,001-5,000	\$501-\$1,000	TX, AZ, PA
Huco Consulting	2008	SA		<50	<\$15	TX
HydroChemPSC	1977	DM	LD, OGI, CR, VRU	5,001-10,000	\$1,001-\$10,000	TX
IBM Thomas J. Watson Research Center	1911	DM, SA, AD		10,001+	\$10,000+	NY, MA
Industrial Scientific	1985	DM	LD, CR	1,001-5,000	\$501-\$1,000	PA
Insight Environmental	2004	DM, SA	LD, OGI, CR, FS, UAV	51-200	<\$15	TX, AK, MN, ND, PA, WI
Insights M	2014	DM, AD	LD, OGI, A	51-200	\$15-\$50	CA
IRT Consult	2002	DM	LD, OGI	<50	<\$15	FL
John Crane*	1917		RPS	5,001-10,000	\$1,001-\$10,000	IL, AK, AL, CA, CO, GA, IA, IN, KS, LA, MI, MN, MT, NJ, OK, OR, PA, PR, RI, TX, UT, WI
K&K Services	2007	DM	LD	<50	<\$15	IL, OH
Kayyros	2016	DM, AD	S	51-200	\$15-\$50	NY, TX
Keitu Engineering	2001	DM	LD, OGI	<50	<\$15	ND
Kelvin	2013	AD		51-200	\$15-\$50	TX, CA
KUVA	2015	DM	LD, OGI, FS, MGL	<50	<\$15	MA,
L&M Environmental Response	2016	DM, SA	LD, OGI, CR	<50	<\$15	LA
LaSen	1989	DM	LD, OGI, UAV, A	<50	<\$15	NM
Leak Finder	2009	DM	LD, OGI	<50	<\$15	OH
Lesair Environmental	2000	DM, SA	LD, OGI, CR	<50	<\$15	CO
LT Environmental	1992	DM	LD, OGI, CR	51-200	\$15-\$50	CO, ND
M&R Industrial Services	2005	DM	LD, OGI	<50	<\$15	TX
Maxar Technologies	1969	DM	UAV, S	5,001-10,000	\$10,000+	CO
Montrose Environmental	2012	DM, AD	LD, OGI, CR, FS, MGL, UAV	201-1,000	\$51-\$500	CA, CO, IL, PA, TX,
My Drone Services	2016	DM	LD, OGI, CR, FS, UAV	<50	<\$15	DE, FL
Olsson Associates	1956	DM	LD, OGI, CR	1,001-5,000	\$501-\$1,000	NE, AR, AZ, CA, CO, IA, KS, MO, OK, TX

*Also a manufacturing firm

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Service Firm	First Year	Industry Category	Technology	Employees	Sales (\$ millions)	Locations (HQ Appears First)
Omark Consultants	1987	DM	LD, CR	51-200	\$15-\$50	MA
Orbital Sidekick	2016	DM, AD	LD, S	<50	<\$15	CA
Otech Aerial Drone Service	2018	DM	LD, OGI, UAV	<50	<\$15	MI
Pergam Technical Services	2005	DM	LD, CR, FS, UAV, A	<50	<\$15	WA
Picarro	1998	DM, AD	LD, CR, FS, MGL	<50	<\$15	CA
Project Canary	2013	SA, AD	FS, MGL	<50	<\$15	CO
Providence Photonics	2013	DM	LD, OGI	51-200	\$15-\$50	LA
Quanta3	2014	DM	OGI	<50	<\$15	CA
Questor*	1994	DM, SA, AD	FS, FM, GC	<50	<\$15	CO, FL, ND, TX
Ravan AIR	2018	DM	LD, OGI, UAV	<50	<\$15	PA
Reces Environmental Consulting	2003	DM, SA	LD, CR	<50	<\$15	TX, CA
Satellytics	2015	DM, SA, AD	LD, FS, UAV, A, S	<50	<\$15	OH
Scepter	2016	DM, AD	OGI, UAV, S	<50	<\$15	VA
Sceye	2015	DM	LD, A	<50	<\$15	NM
Scientific Aviation	2010	DM, AD	LD, CR, FS, MGL, UAV, A	<50	<\$15	CO
SCS Engineers	1970	DM, SA	LD, OGI, CR, FS, MGL, UAV	201-1,000	\$51-\$500	CA
SEALTEC	1983	DM	LD, CR	<50	<\$15	NJ
SeekOps*	2017	DM, SA	LD, CR, UAV	<50	<\$15	TX, CA
SEMPCheck Services	1998	DM	LD, OGI	<50	<\$15	TX, LA
Shepherd Safety Systems	2013	DM	LD, OGI	<50	<\$15	TX
Shoreline AI	2016	DM, AD	OGI	51-200	\$15-\$50	CA
SLR Consulting	1994	SA		1,001-5,000	\$501-\$1,000	TX, OK, PA
SMA Technologies	1980	DM	LD, OGI	51-200	\$15-\$50	TX
Southern Cross Corporation	1946	DM	LD	201-1,000	\$51-\$500	GA
Southwest Research Institute	1947	DM, AD	LD, OGI, MGL, UAV, S	1,001-5,000	\$501-\$1,000	TX
Spectral Sensor Solutions	2012	DM	LD, FS, UAV	<50	<\$15	NM, IN
Spherical Analytics	2018	AD	S	<50	<\$15	MA
Stranded Solutions	2013		FM, GC	<50	<\$15	MI
Strata	1997	DM, SA	LD, OGI, CR	<50	<\$15	KS, LA, OK, TX
Team	1973	DM	LD, OGI	5,001-10,000	\$10,000+	TX
Tegre	2007	SA	APD	<50	<\$15	CO
Teledyne Gas and Flame Detection	1960	DM	CR,	201-1,000	\$51-\$500	CA
Tern Technologies	1984	DM	LD, OGI	<50	<\$15	AK
The Sniffers	1991	DM, SA	LD, OGI, CR, FS, MGL, UAV	51-200	\$15-\$50	TX
Think Environmental	1984	DM	LD, OGI, CR	51-200	\$15-\$50	TX
Tricord Consulting	2013	DM, SA	LD, OGI, CR	201-1,000	\$51-\$500	TX, CA, IL, LA, NC
Trihydro	1984	DM, SA	LD, OGI, CR	201-1,000	\$15-\$50	WY
Trinity Consultants	1974	DM, SA		201-1,000	\$51-\$500	TX
UM Inspections	2015	DM, AD	LD, CR, UAV	<50	<\$15	TX
United Electric Controls	1931	DM	LD, FS	51-200	\$15-\$50	MA
Urbint	2015	DM, SA, AD	LD, UAV	51-200	\$15-\$50	FL

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Service Firm	First Year	Industry Category	Technology	Employees	Sales (\$ millions)	Locations (HQ Appears First)
Viper Drones	2015	DM	LD, OGI, UAV	<50	<\$15	FL, AL
Well Data Labs	2014	AD		<50	<\$15	CO
Westshore Consulting	1982	DM, SA	LD, OGI, CR	<50	<\$15	MI
WSP	1885	DM	LD, OGI, CR, FS	10,001+	\$10,000+	NY, GA, TX

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MANUFACTURING FIRMS IN METHANE EMISSION MITIGATION INDUSTRY IN THE UNITED STATES							
Manufacturing Firm	First Year	Industry Category	Technology	Employees	Sales (\$ millions)	Locations (HQ Appears First)	
12:eleven Production Equipment	2017	M	APD, VRU	1-500	1-\$38.5	LA	
A. W. Chesterton	1884	M	RPS, V, APD, VRU	1,001-5,000	\$38.6-\$500	MA, GA, IL, LA, TX, WV	
ABB Group*	1988	DM, AD	CR, FS, UAV, A, S	10,001+	\$10,000+	NC, CA, OH, OK, PA, TX	
Advanced Cooling Technologies	2003	M	FM	1-500	1-\$38.5	PA	
Advent Technologies	2009	M	RP	1-500	1-\$38.5	MA, CA	
Aerion	1984	M	VRU, FM	501-1,000	\$38.6-\$500	TX	
Aeris Technologies	2013	DM	CR	1-500	1-\$38.5	CA	
AESSEAL	1979	M	RPS	1,001-5,000	1-\$38.5	TN, CA, IA, ME, TX, WA	
Ameresco Solar	2000	M	RP	1,001-5,000	\$1,001-\$10,000	MA, AZ, CA, LA, MD, TX	
Ametek	1930	DM, M	CR, V, APD	10,001+	\$1,001-\$10,000	PA, KS, NY, WA	
BAE Systems	1999	DM	S	10,001+	\$10,000+	CO	
Baker Hughes*	1987	DM, M, AD		10,001+	\$10,000+	TX, CA, CO, KS, LA, MA, MI, OH, OK	
Bauer Compressors	1976	M	RPS, VRU, GC	1-500	\$38.6-\$500	VA, CA, MI	
Bray	1986	M	V, APD	1,001-5,000	\$38.6-\$500	TX, AL, AZ, CA, IL, LA, MN, NY,	
Bridger Photonics*	2006	DM, AD	LD, CR, MGL, A	1-500	1-\$38.5	MT	
Calscan	1995	DM, M	FS, V, APD, RP	1-500	1-\$38.5	AL, TX	
Capstone Green Energy	1988	M	GC, RP	1-500	\$38.6-\$500	CA	
ChampionX	2020	M	V, APD, PLVT	5,001-10,000	\$1,001-\$10,000	TX, CO, LA, NM, OK, OR, PA, UT, WY	
Chart Industries	1897	M	APD	5,001-10,000	\$1,001-\$10,000	GA, TX	
CI Systems	1977	DM	OGI	1-500	1-\$38.5	TX	
Cimarron Energy*	1984	DM, M	LD, OGI, FS, PLVT, VRU	501-1,000	\$38.6-\$500	TX, CO, KY, OH, OK	
Circor Energy	1999	M	V, APD	1,001-5,000	\$501-\$1,000	MA, CA, FL, KY, NC, NY, TX, UT	
Clarke Valve	2011	M	V	1-500	1-\$38.5	RI	
ClearShift	2017	M	FM, GC	1-500	1-\$38.5	TX	
ComAp	1991	M	GC, RP	501-1,000	\$38.6-\$500	IL,	
Compressor Engineering*	1964	DM, M	CR, RPS	1-500	1-\$38.5	TX, LA	
Cook Compression*	1888	DM, M	CR, FS, RPS	501-1,000	\$38.6-\$500	TX, CA, CO, IN, OK	
Corken	1924	M	VRU	1-500	1-\$38.5	OK	
Crusoe*	2018	SA, M	FM, GC, RP	1-500	1-\$38.5	CO, ND, OK	
Curtiss-Wright	1990	M	APD	5,001-10,000	\$1,001-\$10,000	NC, CA, IL, MN, NJ, OR	
Custom Compression Systems	2010	M	VRU	1-500	1-\$38.5	LA	
Dresser Utility Solutions	1879	M	APD, RP	501-1,000	\$38.6-\$500	TX, PA	
EagleBurgmann	1977	M	RPS	5,001-10,000	\$38.6-\$500	TX, MI, NC, NJ, OH, OK,	
Ecotec	2015	DM	CR, FS, MGL	1-500	1-\$38.5	CA	
EcoVapor Recovery Systems	2010	M	VRU, FM, GC	1-500	1-\$38.5	CO, ND, TX	
Effect	2012	M	V	1-500	1-\$38.5	MI	
ElectraTherm	2005	M	FM, GC, RP	1-500	1-\$38.5	GA	
Emerson	1890	DM, M, AD	OGI, CR, FS, RPS, V, APD, REC, VRU	10,001+	\$10,000+	MO, AK, GA, IA, LA, MN, NJ, TX, WA	
Endurance Lift Systems	2014	M	PLVT	1-500	1-\$38.5	TX, CO, LA, NM, UT, WI, WY	

*Also a service firm

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MANUFACTURING FIRMS IN METHANE EMISSION MITIGATION INDUSTRY IN THE UNITED STATES						
Manufacturing Firm	First Year	Industry Category	Technology	Employees	Sales (\$ millions)	Locations (HQ Appears First)
Enerflex*	1980	M	APD	1,001-5,000	\$1,001-\$10,000	CO, TX, WY
Engineered Concepts	2008	M	GC	1-500	1-\$38.5	NM, OK
ENGlobal	1985	M	GC	1-500	\$38.6-\$500	TX, OK
Enovation Controls	2009	M	V, APD, RP	1-500	\$38.6-\$500	OK, TX
Envent	1992	M	VRU	1-500	1-\$38.5	TX, CA, LA, NJ, UT
FCI-Fluid Components International	1964	DM, M	CR, FS, RP	1-500	\$38.6-\$500	CA, PA, TX
Flex Energy Solutions	2011	M	APD, REC, VRU, FM, GC, RP	1-500	\$38.6-\$500	CO, ND, NH, TX
FLIR Systems	1978	DM	OGI, CR, FS, MGL, UAV	1,001-5,000	\$1,001-\$10,000	OR, CA, FL, MA, MT, NH
Flogistix*	1996	DM, M	LD, OGI, CR, FS, UAV, VRU	1-500	\$38.6-\$500	OK, CO, ND, NM, OH, TX, WY
Flowco Production Solutions	2014	M	PLVT	501-1,000	\$38.6-\$500	TX, AR, CO, IN, ND, NM, OK, PA
Flowserve	1997	M	RPS, V, APD, REC, VRU	10,001+	\$1,001-\$10,000	TX, MD, NC, PA, SC, VA
Forum Energy Technologies	1975	M	V, VRU	1,001-5,000	\$501-\$1,000	TX, OK
Galileo Technologies	1987	M	GC	1-500	1-\$38.5	NJ
Gardner Denver	1859	M	RPS, REC, VRU	5,001-10,000	\$1,001-\$10,000	WI, AL, IL, IN, LA, MO, OK, PA, TX
Garlock	1887	M	RPS, V, APD	1-500	\$38.6-\$500	NY, TX
GasTechno Energy & Fuels	2004	M	FM, GC	1-500	1-\$38.5	MI
Gazomat	1988	DM	CR	1-500	1-\$38.5	CA
GDS	2009	DM	CR	1-500	1-\$38.5	TX
Generon	2006	M	VRU	501-1,000	\$38.6-\$500	TX, CA
Global Power Technologies	1975	DM, M	LD, APD, FM, RP	1-500	1-\$38.5	TX
Green Complete Systems	2010	M	REC	1-500	1-\$38.5	TX
GTUIT	2011	M	FM, GC	1-500	1-\$38.5	MT, ND, TX
Heath Consultants*	1933	DM	LD, OGI, CR, FS, MGL, UAV, A	1,001-5,000	\$38.6-\$500	TX, AZ, PA
Hoerbiger	1895	M	RPS, V	5,001-10,000	\$1,001-\$10,000	FL, CA, IL, LA, TX, WY
Honeywell	1906	DM	OGI, CR, FS	10,001+	\$10,000+	NC, TX
ICI Infrared Cameras	1995	DM	OGI	1-500	1-\$38.5	TX
iJACK Technologies	2010	SA	VRU, GC	1-500	1-\$38.5	ND
IMR Environmental Equipment	1993	DM	FS	1-500	1-\$38.5	FL
Industrial Scientific	1976	DM	CR	1,001-5,000	\$501-\$1,000	TX, PA
Inficon	2000	DM	CR	1,001-5,000	\$38.6-\$500	NY, MA, KA, CA
Infrared Cameras	1995	DM	LD, OGI, UAV	1-500	1-\$38.5	TX
Ingersoll Rand	1872	M	APD	10,001+	\$1,001-\$10,000	NC, CA, CO, GA, IA, IN, MI, MN, NE, NY, OH, PA, TN, WA, WI
Innio	2018	M	FM	1,001-5,000	\$1,001-\$10,000	WI,
John Crane*	1917	M	RPS	5,001-10,000	\$1,001-\$10,000	IL, AK, AL, CA, CO, GA, IA, IN, KS, LA, MI, MN, MT, NJ, OK, OR, PA, PR, RI, TX, UT, WI
John Zink Hamworthy Combustion	1929	M	VRU, FM	501-1,000	\$38.6-\$500	OK, TX
Kaydon Ring & Seal	1986	M	RPS	1-500	1-\$38.5	MD
Kimray	1948	M	V, APD, GC	501-1,000	\$38.6-\$500	OK, PA, TX
Konica Minolta	1873	DM	OGI	5,001-10,000	\$1,001-\$10,000	NJ

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Liberty Lift	2012	M	PLVT	1-500	1-\$38.5	TX, CO, WY	
Longpath	2017	DM	FS	1-500	1-\$38.5	CO, TX	
mAIRsure	2018	DM, AD	CR	1-500	1-\$38.5	PA	
Mesa Natural Gas Solutions	2014	M	FM, RP	501-1,000	\$38.6-\$500	CO, ND, NM, OK, PA, TX, UT, WY	
Messco	1979	M	PLVT, FM, GC	1-500	1-\$38.5	WY	
Microdrones	2005	DM, SA	CR, UAV	1-500	1-\$38.5	NY,	
Mokveld	1992	M	V	1-500	\$38.6-\$500	TX	
Morningstar	1993	M	RP	1-500	1-\$38.5	PA, MD	
MPACT2WO	1938	DM	FS	1-500	1-\$38.5	IL	
MSA	1914	DM	LD, CR, FS	1,001-5,000	\$1,001-\$10,000	PA, IL, TX	
NevadaNano	2004	DM	FS	1-500	1-\$38.5	NV	
Neway Valve	1997	M	V, APD	1,001-5,000	\$501-\$1,000	TX	
Norriseal WellMark	1981	M	V, APD	1-500	\$38.6-\$500	TX, OK	
NOV	1841	DM, M	PLVT, VRU	10,001+	\$1,001-\$10,000	TX, LA, ND, OH, OK, PA, WY	
Oiler	2019	DM	OGI	1-500	1-\$38.5	TX	
Onboard Dynamics	2013	M	GC	1-500	1-\$38.5	OR	
OTA Environmental Solutions	2004	DM, M	LD, OGI, VRU, FM	1-500	1-\$38.5	TX, AR, OK	
Pacific Advanced Technology	1988	DM	OGI	1-500	1-\$38.5	CA	
Petrogas Environmental Systems	1975	M	VRU, GC	1-500	1-\$38.5	TX	
Pioneer Energy	2006	M	FM, GC	1-500	1-\$38.5	CO	
Planet	2010	AD	S	501-1,000	\$38.6-\$500	CA, VA	
Platinum Control	2010	M	VRU	1-500	1-\$38.5	TX, NM	
Prabhu Energy Labs	2011	M	FM, GC	1-500	1-\$38.5	CA	
Production Lift Systems	1989	M	PLVT	1-500	1-\$38.5	TX	
Providence Photonics	2012	DM	OGI, FM	1-500	1-\$38.5	LA	
PSG - Dover	1989	M	VRU	1,001-5,000	\$38.6-\$500	IL, CA, MI, OH, VA	
QED Environmental	1982	DM		1-500	1-\$38.5	MI	
QLM Technology	2017	DM	CR	1-500	1-\$38.5	CA	
Qnergy	2009	M	APD, FM, GC	1-500	1-\$38.5	UT,	
Quanta3	2014	DM	CR	1-500	1-\$38.5	CO	
Qube Technologies	2018	DM, AD	CR, FS	1-500	1-\$38.5	TX	
Questor*	1994	DM, SA, M, AD	FS, FM, GC	1-500	1-\$38.5	CO, FL, ND, TX	
Quincy Compressor	1986	M	RPS	1-500	\$38.6-\$500	AL, CT, NJ, NY, PA	
Remediation Service International	2000	M	VRU, FM	1-500	1-\$38.5	CA	
Rotork	1957	M	APD	1,001-5,000	\$501-\$1,000	NY, NC, TX, WI, CA, RI	
Scepter	2016	DM, AD	S	1-500	1-\$38.5	TN	
SeekOps*	2017	DM, SA	LD, CR, UAV	1-500	1-\$38.5	TX, CA	
Sensirion	1998	DM	FS	1,001-5,000	\$38.6-\$500	IL	
Sensit	1980	DM	CR, FS, MGL	1-500	1-\$38.5	IN	
Sensors, Inc.	1969	DM	CR	1-500	1-\$38.5	MI	
Shore Pipeline Solutions	2020	M	GC	1-500	1-\$38.5	MD	

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Siemens Energy	1847	M	RPS, APD, GC, RP	10,001+	\$10,000+	DC
Sierra-Olympic Technologies	1995	DM	OGI	1-500	1-\$38.5	OR
SkyCam Aviation	2015	DM	LD, OGI, A	1-500	1-\$38.5	CA
SLB	1926	DM, M, AD	LD, CR, V, APD, FM	10,001+	\$10,000+	TX, CA, OK
Solar Injection Systems	1992	M	RP	1-500	1-\$38.5	TX
Solar Turbines	1927	M	APD, FM, RP	1,001-5,000	\$1,001-\$10,000	CA, AK, UT, TX, LA, IL, PA, NJ
Sun-in-one	2011	M	RP	1-500	1-\$38.5	DE
SunWize	1992	M	RP	1-500	1-\$38.5	OR, OH
Swagelok	1947	M	V, APD	5,001-10,000	\$1,001-\$10,000	OH, AK, CA, KS, TX, WA
TCI USA	1991	M	FM	1-500	1-\$38.5	CO,
Tech Tool Ohio	1985	M	PLVT	1-500	1-\$38.5	OH
Technip Energies	2015	M	RPS, V, APD, REC	10,001+	\$1,001-\$10,000	TX, CO, KS, MA, ND, OK, PA
Telops	2000	DM	OGI, UAV, A	1-500	1-\$38.5	GC, DE
Tenaris	2001	M	PLVT	10,001+	\$10,000+	TX, OK, PA
Terra SLS	2016	DM, AD	FS	501-1,000	\$38.6-\$500	CO
Tescorp	1987	M	APD, VRU	1-500	1-\$38.5	OK
TXAM Pumps	1986	M	APD, RP	1-500	1-\$38.5	TX, AR, CO, ND, NM, OK, WV, WY
Valence Natural Gas Solutions	2013	M	FM, GC	1-500	1-\$38.5	ND
Weatherford	1992	M	APD, PLVT	10,001+	\$1,001-\$10,000	TX, AK, CA, LA, CO, ND, PA, OK, WY
Well Master	1984	M	PLVT	1-500	1-\$38.5	CO, AR, TX
Whirlwind Methane Recovery Systems	2007	M	APD, VRU, FM, RP	1-500	1-\$38.5	OK
Xplorobot	2013	DM	OGI	1-500	1-\$38.5	TX
Zahroof Valves Inc	2019	M	V	1-500	1-\$38.5	TX
Zeeco	1979	M	VRU, FM, GC	1,001-5,000	\$38.6-\$500	OK, CT, TX, IN
ZEVAC	2014	DM, M	CR, APD, FM, GC	1-500	1-\$38.5	OK, PA

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