

Summary of  
**ANNUAL**  
**REPORT 2020**

Improving the Oil and Natural Gas  
Industry's Environmental Performance



THE  
ENVIRONMENTAL  
PARTNERSHIP

An Initiative of the U.S. Natural Gas and Oil Industry



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# Mission



To continuously **improve the industry’s environmental performance by taking action, learning about best practices and technologies, and fostering collaboration** in order to responsibly develop our nation’s essential natural gas and oil resources.

## Program Expands to Midstream

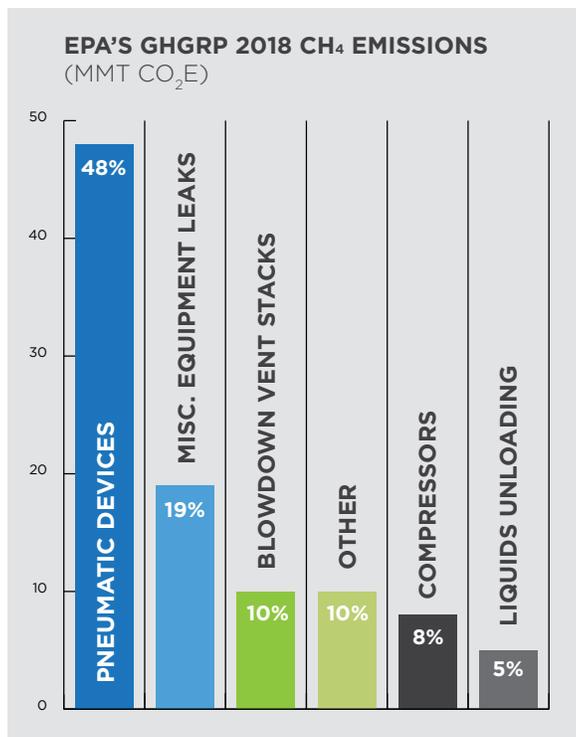
The Environmental Partnership focused its second full year on growing the coalition, expanding its reach and impacts, and harnessing the growing enthusiasm within the participating companies.

The Partnership has more than tripled its membership since launching with 26 companies, and is proud to announce it has expanded to include the industry’s Midstream segment.

These programs were selected based on EPA emissions data (see **Figure 1**) and are designed to further reduce emissions using proven, cost-effective controls targeting five of the most significant sources of emissions.

- **Leak Detection and Repair:** *Participants are committed to leak monitoring, followed by timely repair, at selected sites using detection methods and technologies such as Method 21 or Optical Gas Imaging cameras.*
- **Focus on High-Bleed Pneumatic Controllers:** *Participants are committed to replace, remove, or retrofit high-bleed pneumatic controllers with low- or zero-emitting devices.*
- **Improving the Manual Liquids Unloading Process:** *Participants are committed to implement an industry best practice that minimizes emissions associated with the removal of liquids that, as a well ages, can build up and restrict natural gas flow.*
- **Compressor Program:** *Participants are committed to implement reduction practices that minimize emissions associated with centrifugal and reciprocating compressors.*
- **Pipeline Blowdown Program:** *Participants are committed to implement reduction practices that minimize emissions during pipeline blowdowns.*

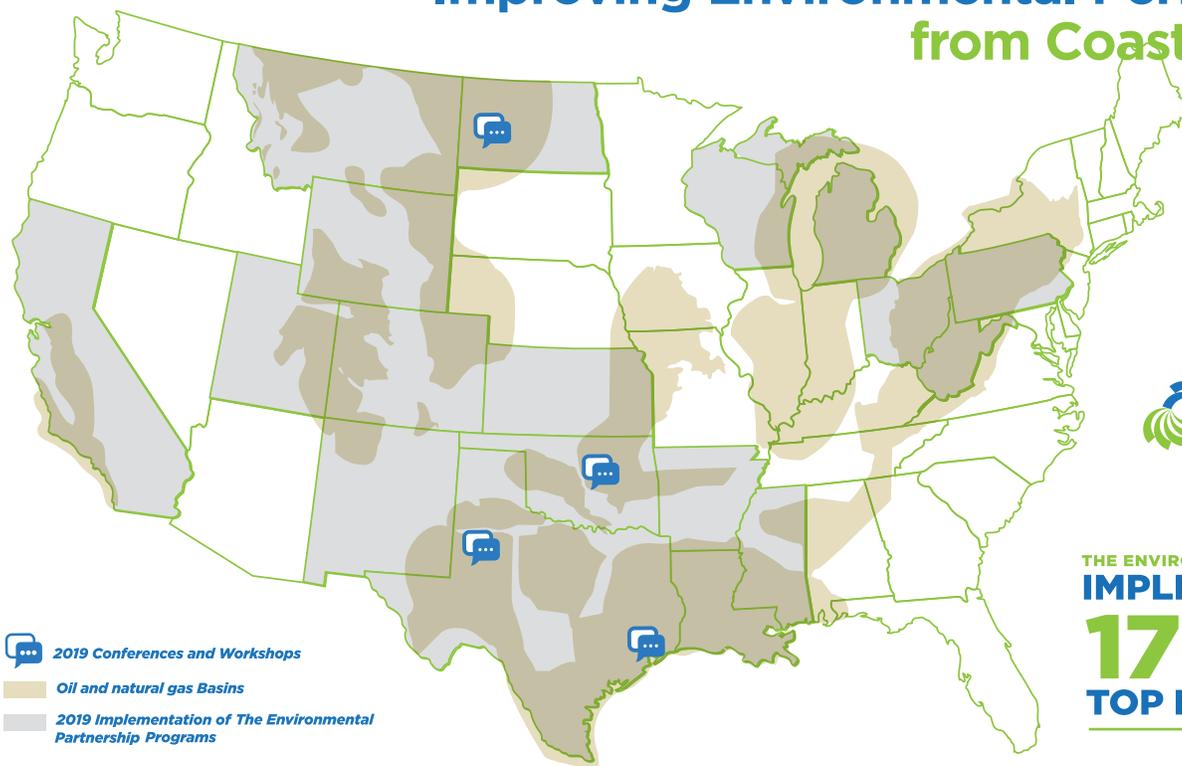
**Figure 1**



Converted from MT CH<sub>4</sub> using IPCC-AR5 GWP of 28.

Source: [https://www.ipcc.ch/site/assets/uploads/2018/02/SYR\\_AR5\\_FINAL\\_full.pdf](https://www.ipcc.ch/site/assets/uploads/2018/02/SYR_AR5_FINAL_full.pdf) p. 87

# Improving Environmental Performance from Coast to Coast



-  2019 Conferences and Workshops
-  Oil and natural gas Basins
-  2019 Implementation of The Environmental Partnership Programs



THE ENVIRONMENTAL PARTNERSHIP  
**IMPLEMENTED IN**  
**17 of 21**  
**TOP PRODUCING**  
**STATES**

## A Year in Review:

### Learning across the Basins

The Partnership expanded implementation of the program’s Learning and Collaborating principles with workshops and a conference in Texas, Oklahoma, and North Dakota. The workshops were a great introduction to the program with their “hands-on” nature; combined with the opportunities to network with their industry colleagues, they continue to provide real value to the attendees.

Additionally, The 2019 Annual Conference provided a forum for operators to hear the latest from important stakeholders, including local and state regulatory agencies, trade association representatives, and new emissions and detection research. Themed “The Field of the Future,” it provided participating company representatives the latest intelligence on satellite measurement capabilities, and welcomed emission detection technology developers and service providers to join us for our inaugural Tech Forum.



# 2019 Environmental Performance Highlights

These performance programs are one of the most critical components of The Environmental Partnership. Through these programs, we are making real progress in reducing emissions and ensuring that we are responsible stewards of our environment.



**0.08%**  
LEAK OCCURENCE RATE,  
OR LESS THAN 1 LEAK PER  
1,000 COMPONENTS

MORE THAN  
**87,000**  
SITES SURVEYED

MORE THAN  
**184,000**  
SURVEYS CONDUCTED

MORE THAN  
**116 MILLION**  
COMPONENT INSPECTIONS  
PERFORMED

**43**

**Participating  
Companies**

**NO LONGER HAVE HIGH-BLEED PNEUMATIC  
CONTROLLERS IN THEIR OPERATIONS**

MORE THAN

**3,300**

HIGH-BLEED PNEUMATIC CONTROLLERS REPLACED, RETROFITTED, OR REMOVED FROM SERVICE

MORE THAN

**10,500**

ADDITIONAL GAS DRIVEN CONTROLLERS REPLACED OR REMOVED FROM SERVICE

MORE THAN

**2,800**

ZERO-EMISSION PNEUMATIC CONTROLLERS INSTALLED AT NEW SITES

EMISSIONS MINIMIZED BY MONITORING MORE THAN

**44,000**

MANUAL LIQUIDS UNLOADING EVENTS

## Participating Company Growth

Company Membership has **MORE THAN TRIPLED SINCE LAUNCH**



# 2019 Membership



Cabot Oil & Gas Corporation



devon



eog resources



Where energy meets innovation.



FLYWHEEL ENERGY



# 2020 Acknowledgement

We would like to thank all of the dedicated individuals that contribute to The Environmental Partnership, and look forward to the future as we continue to welcome new companies, including:





Occidental



OLYMPUS ENERGY



PIONEER  
NATURAL RESOURCES



WARWICK  
GROUP

Western  
Midstream



INTENSITY  
MIDSTREAM



Oil and Gas II, LLC



STEWARD  
ENERGY



**LEARN MORE AT:**  
**[THEENVIRONMENTALPARTNERSHIP.ORG](https://theenvironmentalpartnership.org)**



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