

**April 25, 2018**  
**University Lands Partner Forum**

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**The Environmental  
Partnership**

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**Program Overview**

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**Program Director**



# The Environmental Partnership

## Mission

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.



# Three Program Principles

## Take Action

- Companies implement environmental performance programs that are cost-effective, commercially proven, and achieve significant emissions reductions

## Learn

- Host industry conferences to foster operator-to-operator information sharing about best practices and new technologies

## Collaborate

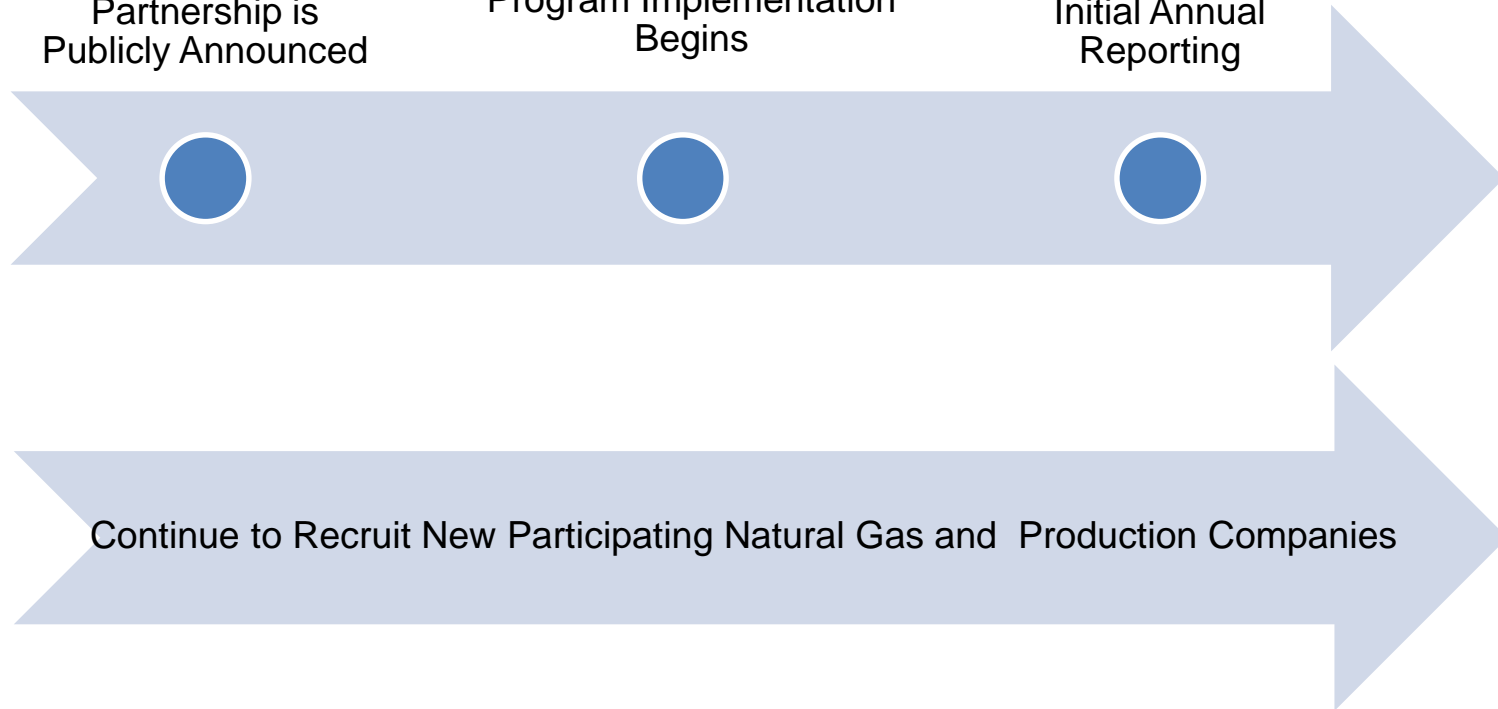
- Host conferences to promote dialogue with stakeholder groups to share information on new academic research, program learnings, and new technological developments

# Key Milestones / Planning

12/5/2017  
Partnership is  
Publicly Announced

1/1/2018  
Program Implementation  
Begins

4/2019  
Initial Annual  
Reporting



# Participating Companies...and Growing!

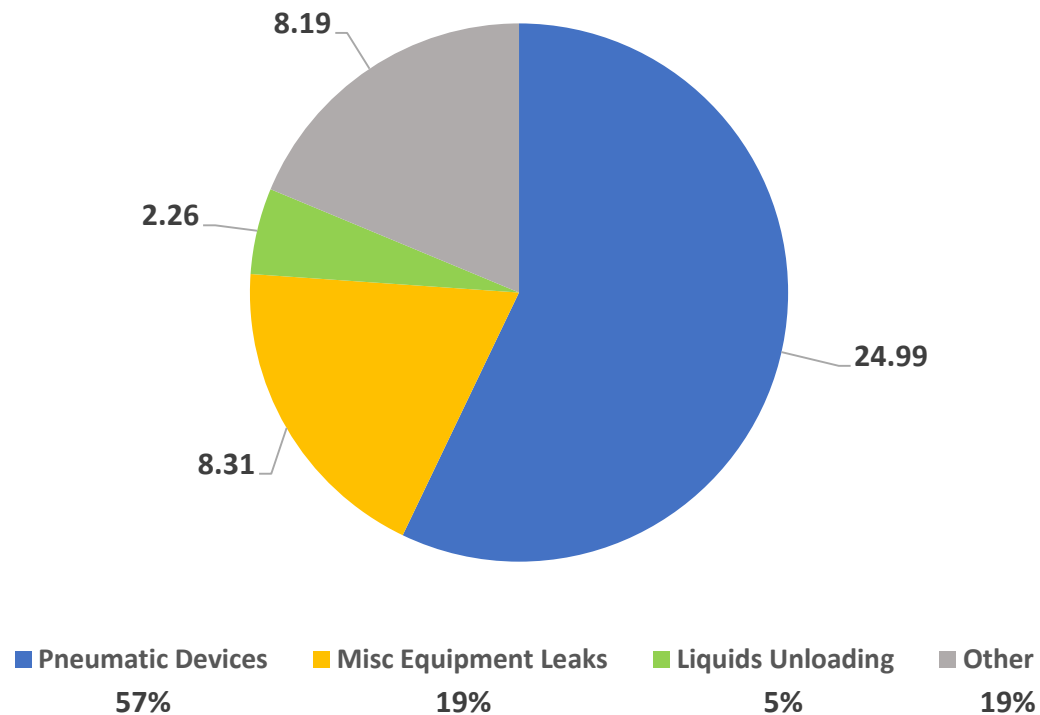
1. Alta Resources
2. Anadarko
3. Apache
4. BHP
5. BP
6. Cabot Oil and Gas
7. Chesapeake
8. Chevron
9. Cimarex
10. ConocoPhillips
11. Crownquest
12. Devon
13. Encana
14. EOG Resources
15. Extraction Oil & Gas
16. Gulfport Energy
17. Hess
18. Marathon Oil
19. Murphy Oil
20. Newfield
21. Noble Energy
22. Occidental Petroleum
23. Pioneer Natural Resources
24. Repsol
25. Seneca Resources
26. Shell
27. SM Energy
28. Southwestern
29. Statoil
30. Total
31. Trinity Operating
32. Western Gas
33. WPX Energy
34. XTO Energy

# Program Focus

- Initial focus is the further reduction of air emissions, both methane and volatile organic compounds, from oil and gas production segment because it represents a majority of emissions from the sector
- Focus on Emission Sources:
  - Equipment Leaks
  - High-Bleed Pneumatic Controllers
  - Liquids Unloading

# Emission Sources of Interest

EPA's GHGRP 2016 CH<sub>4</sub> Emissions MMT CO<sub>2</sub>E



# Environmental Performance Programs

To address top-emitting sources, participating companies will implement the following Environmental Performance Programs in a manner that best suits their unique operations:

1. Detection and timely repair (within 60 days) of leaking equipment using optical gas imaging cameras or portable analyzers
2. Installation or retrofitting of high-bleed pneumatic controllers with lower-emitting or zero-bleed controllers
3. Implementation of a best practice to minimize emissions by monitoring manual liquids unloading events



# Reporting Requirements

- Participating companies agree to annual reporting to track progress.
- The Partnership's programs are purposefully designed to evolve and advance in response to new information that will come from its implementation.
- An annual report will be developed to document the Partnership's efforts and will be made available to the public.
- First annual reporting due in Spring of 2019.

# Learning and Collaboration

- Plan to host conferences for industry and to foster dialogue with other interested stakeholder groups
- On April 3<sup>rd</sup>, we held first industry-focused conference, promoted by University Lands, to discuss:
  - Proper site design to minimize tank emissions
  - Implementing a leak monitoring program
  - Regulatory developments
- **Thank You to University Lands** for promoting the conference – great feedback from attendees
- Planning conference for Pittsburgh, PA in July, 2018
- Annual conference planned for Sept/Oct, 2018

# How To Join?

- Participation is available to natural gas and oil production companies that have onshore operations in the US.
- The voluntary program is administered by API but you do not have to be an API member to participate.
- Each participating company signs a participation agreement that commits the company to:
  - Implement the performance programs of their choosing
  - Annual reporting
  - Allow shared use of company and program logos for communications materials and website

# What's Next?

- Continue to focus on recruitment of gas and oil production companies to join the voluntary program in 2018.
- Currently developing print ad campaign to promote the program and highlight participating companies.
- Copies of the program details and participation agreement available.
- Encourage you to contact us to arrange future conversation to discuss how your company can join the program.

**Thank You!**

# Contact

For additional information, please contact:

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