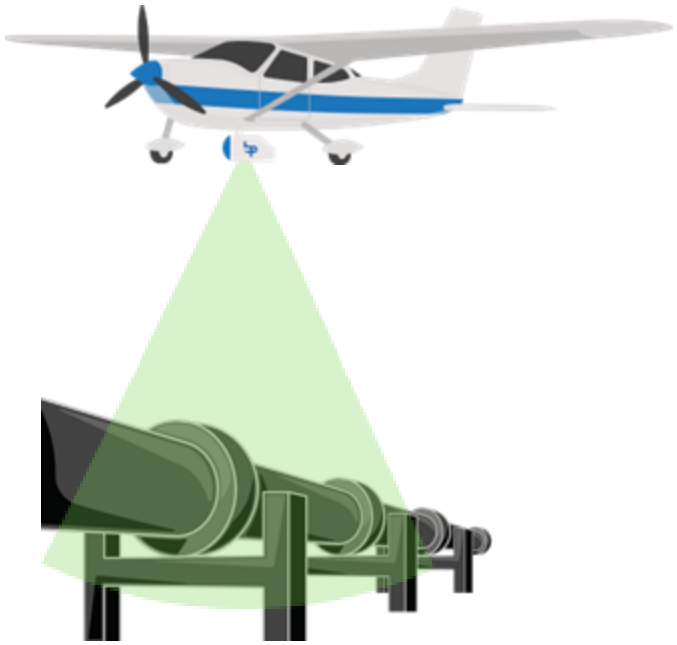
Bridger Photonics:

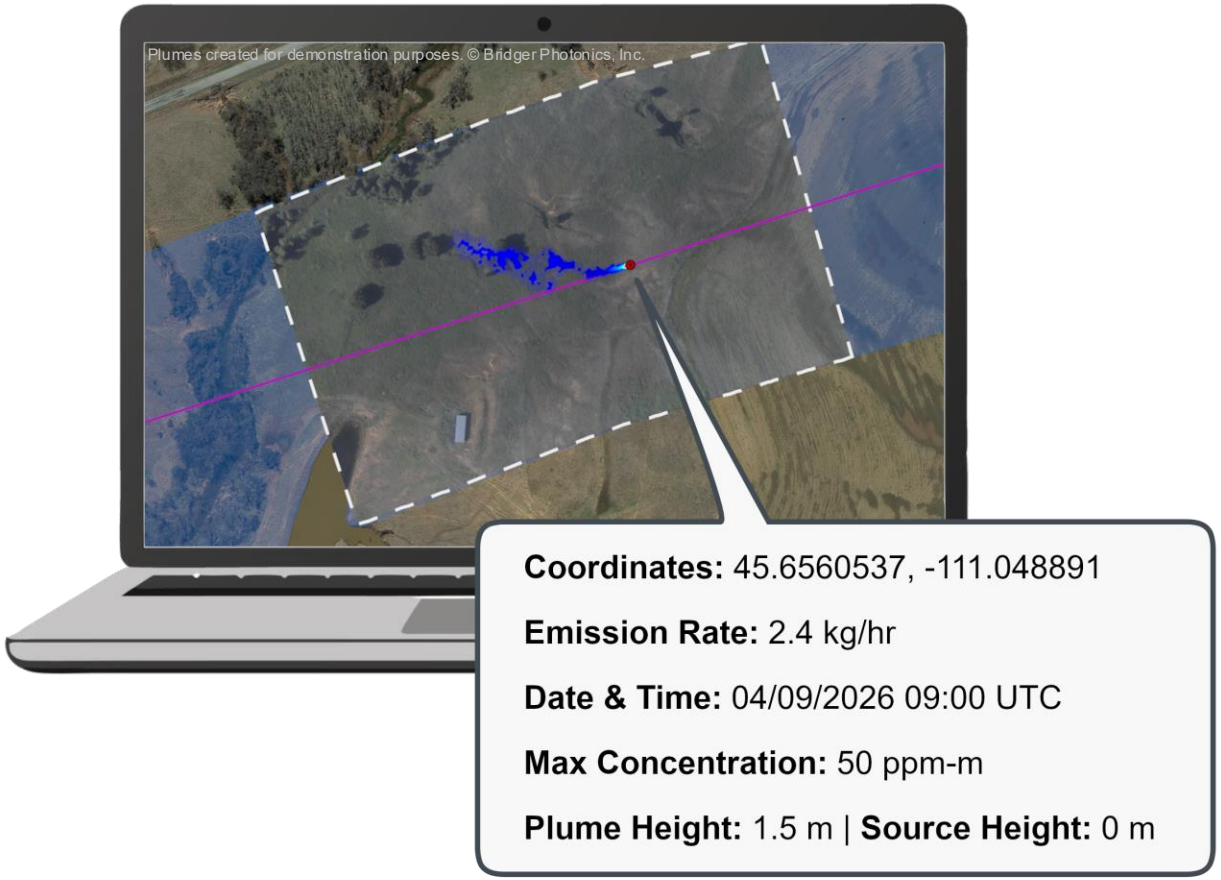
# Integrating Operational Efficiency with MRV and LDAR

# Who is Bridger Photonics?

- Global market leader for aerial methane detection technology
- Executing innovative methane reduction work with the world's best operators
- Most extensively tested and validated measurement system on the market today
- Operating on 4 continents and in 6 countries with headquarters based in Bozeman, MT
- **200,000+** facility scans, **300,000+ km** pipeline, **7,000+ km²** of service area scanned in a year

# How We Serve the Energy Industry






**1** **Efficiently scan for methane emissions**

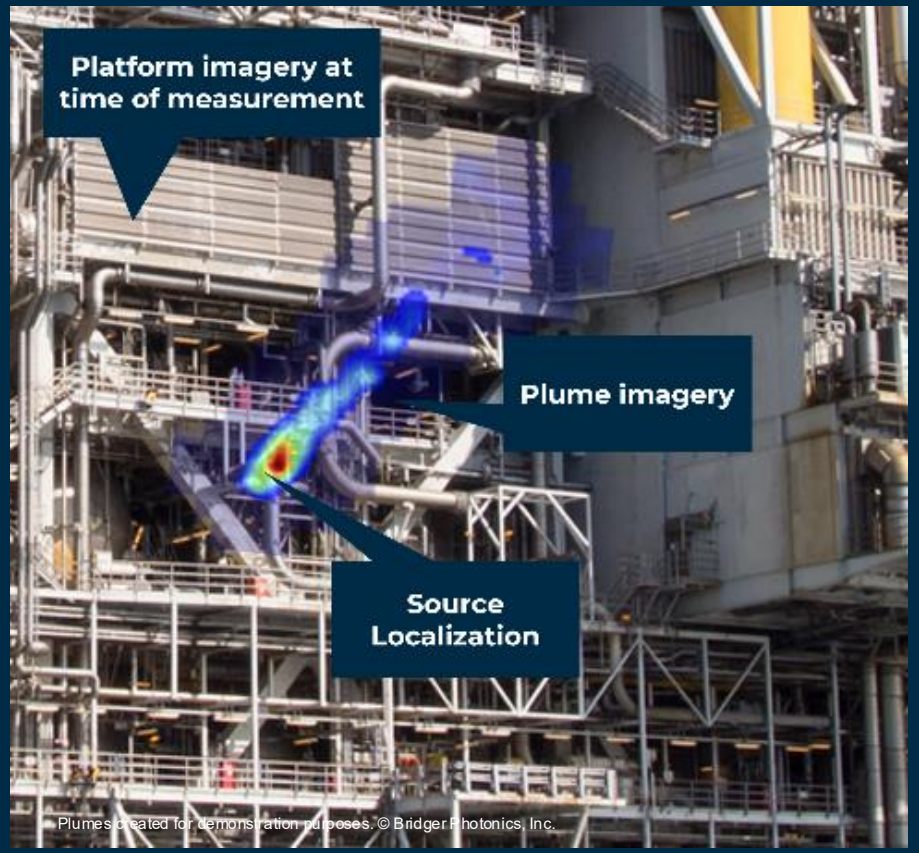
**2** **Provide actionable data for emissions reductions**

# Bridger Data = Actionability and Emissions Reductions


**Sensitive | Source-resolved | Quantitative**


*Anonymized Example for Illustrative Purposes only

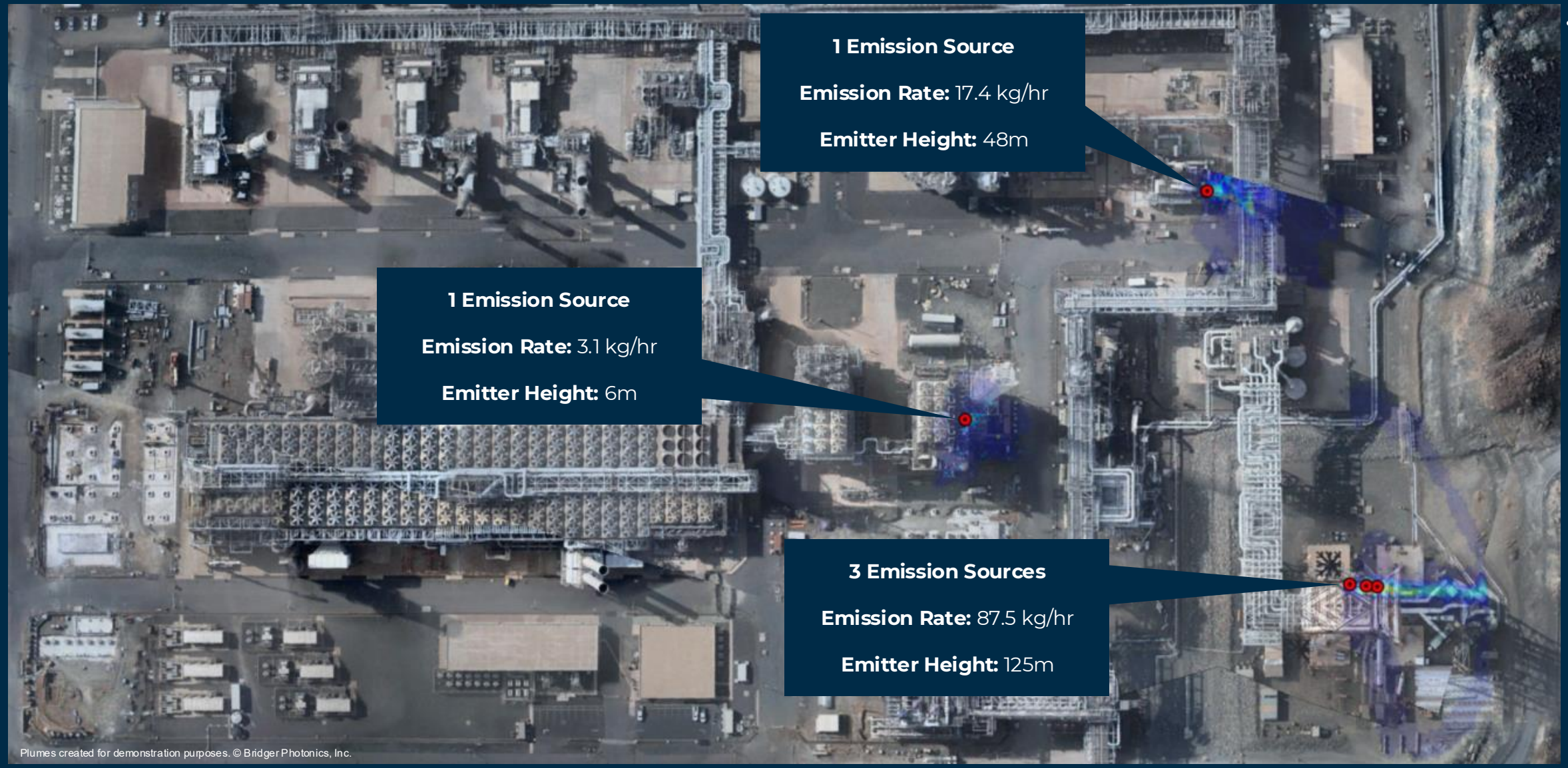
# Offshore Example



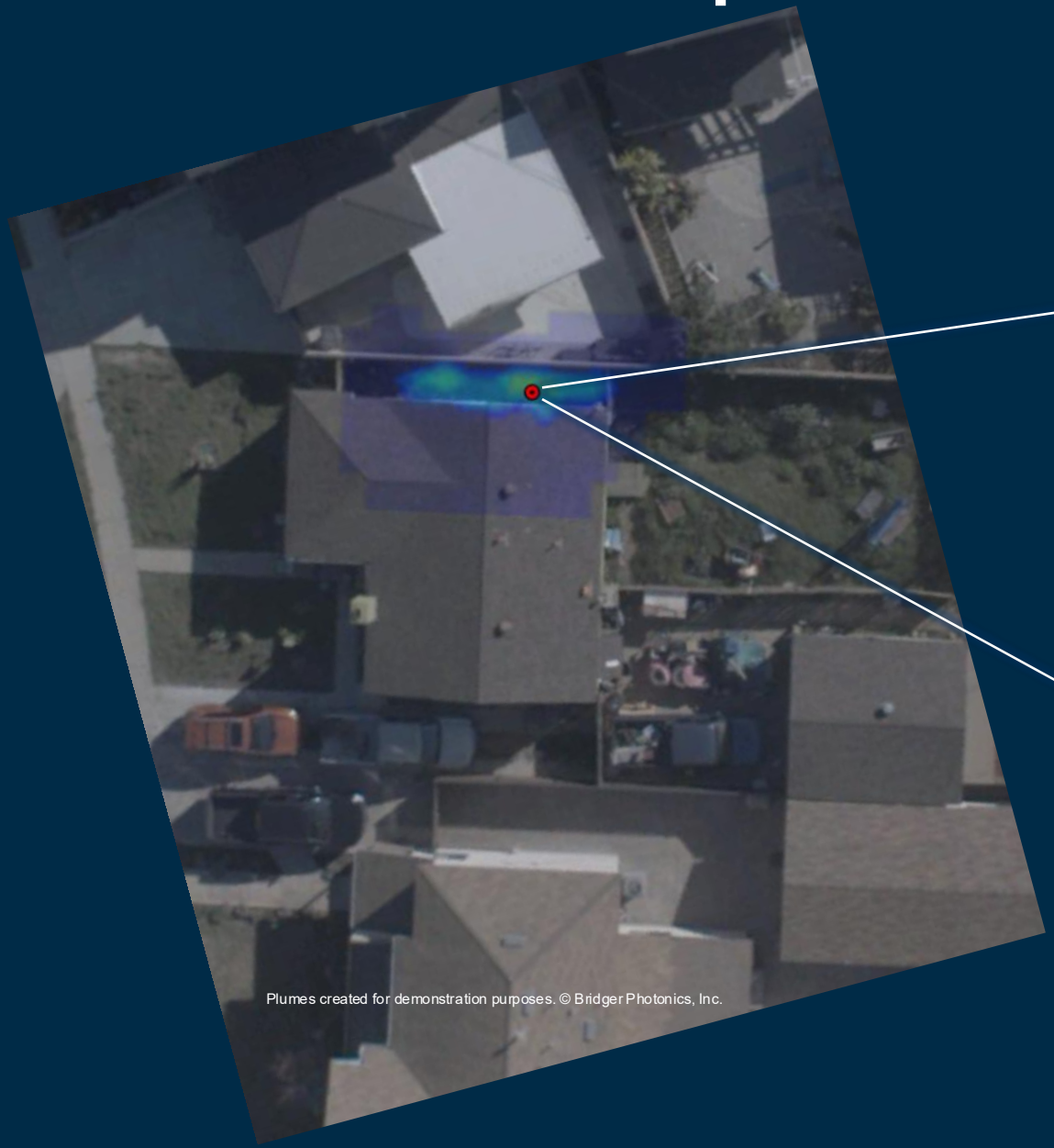


*Anonymized Example for Illustrative Purposes only

# LNG Example

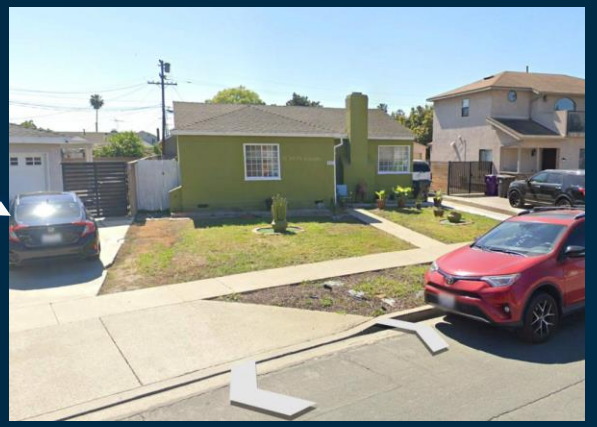


# Distribution Example





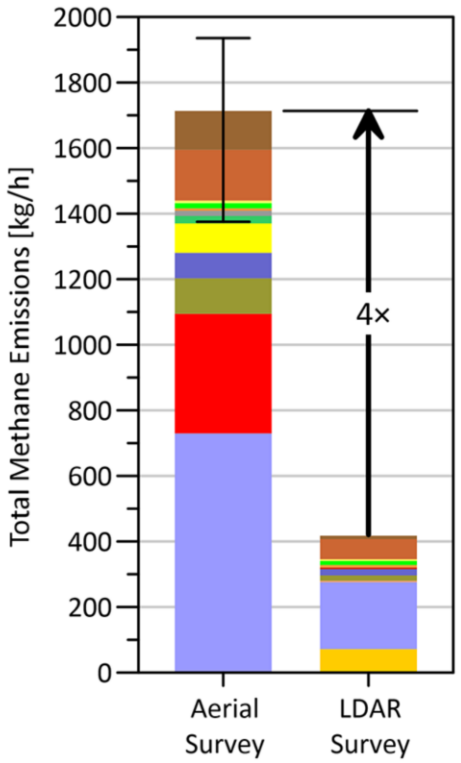
Emissions location, timestamp, emitter height, and flux rate provided



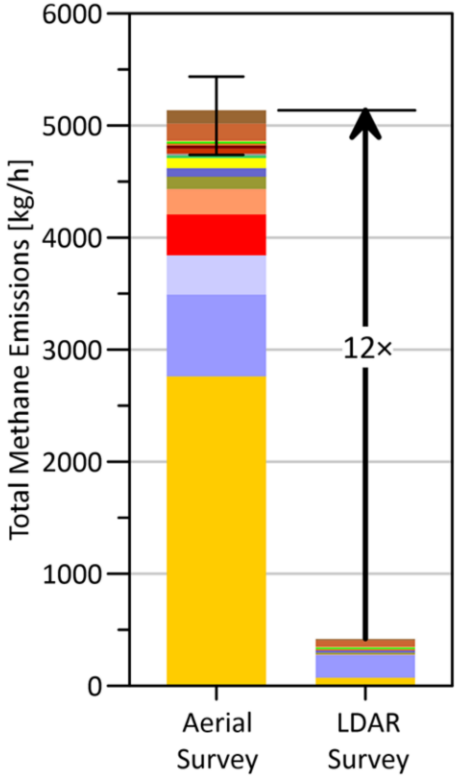
Street level view


# Performance in Practice

# Improved Data




**Apples to apples**
**GML : OGI LDAR survey**

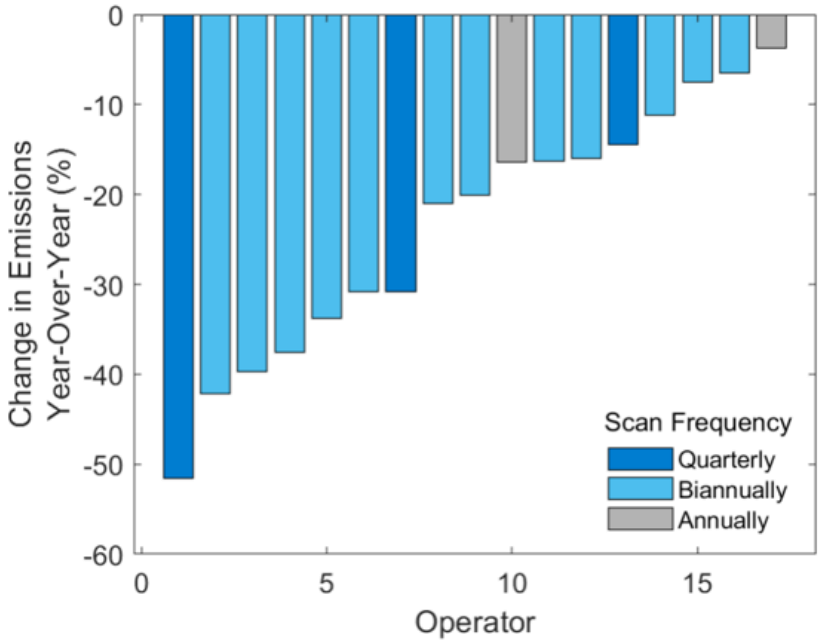



**GML leak detection for all components adds missing emissions Information**

*"The Efficacy of Methane Leak Detection and Repair (LDAR) Programs in Practice"*
**ACS EST Air 2025, 2, 2527−2536**

# Improved Data Drives Reductions

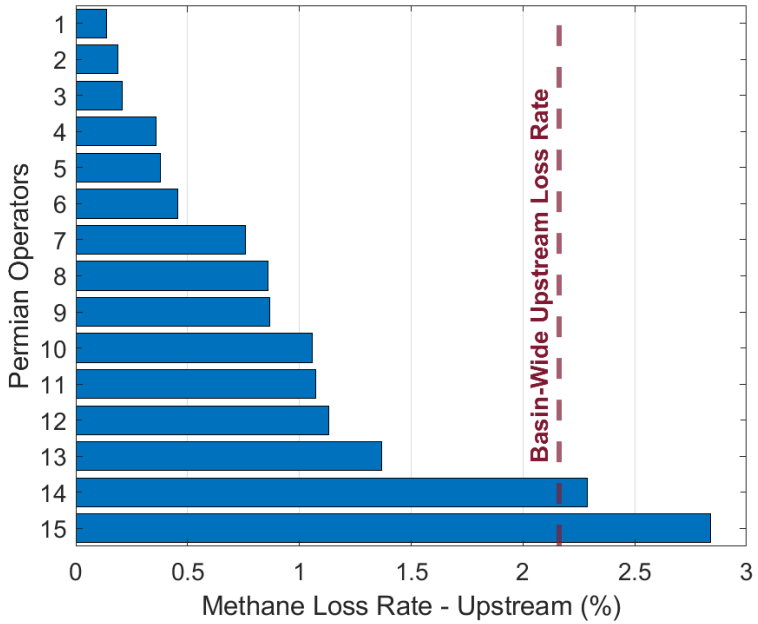
**Aerial methane detection in LDAR programs has driven durable emissions reductions**




**18%**

## YoY Reductions

Average for 20 of largest clients




## 10 of 12 best-performing

Operator-level methane intensity in Permian[1]



1) *"Aerial LiDAR-Based, Source-Resolved Methane Emissions Inventory: Permian Basin Case Study for Benchmarking U.S. Emissions" – Manuscript in review.*

# EUMR Implementation: What Works in Practice

## What the EUMR Requires

- Mitigation based on **repair thresholds (ppm or g/hr)**
- Effective **monitoring of all components** across systems
- Outcomes: **real emissions reductions**

## Implementation Should Enable

- **Technology-open framework**
  Best available technologies and detection techniques used to monitor all components
- **Field-realistic alignment with repair thresholds**
  Avoid emission rate PODs that are below g/h repair thresholds.
- **Thresholds confirmed at point of repair**
  For applicable sources, handheld tools confirm threshold exceedance at point of repair activities.

# Takeaways

**1.**

Aerial leak detection like Bridger improves emissions coverage and provides actionable data

**2.**

Routine aerial LDAR drives mitigation

**3.**

A technology-open EUMR 14(7) implementing act would ensure ongoing access to the best available leak detection techniques