



Reliable, Accurate & Timely Emissions Detection, Quantification & Reporting

**SPE / OGCI / IPIECA / IOGP Climate Series eSessions – Methane |
#2 | Technology and investment focus**

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CEO





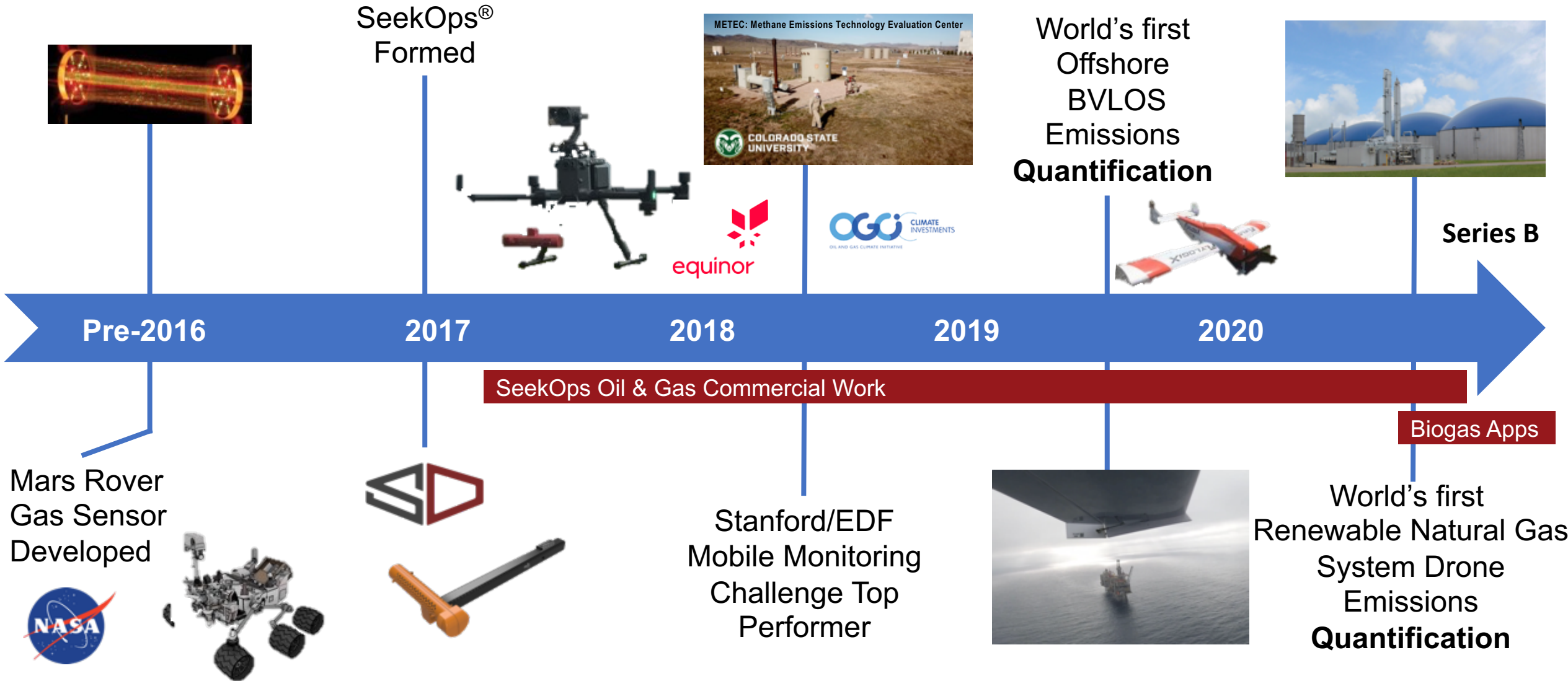
Overview

- Methane detection *and* quantification
- Technology Highlights
- Example: Onshore + The Role of Automation
- Example: Offshore: Top-down Platform measurements





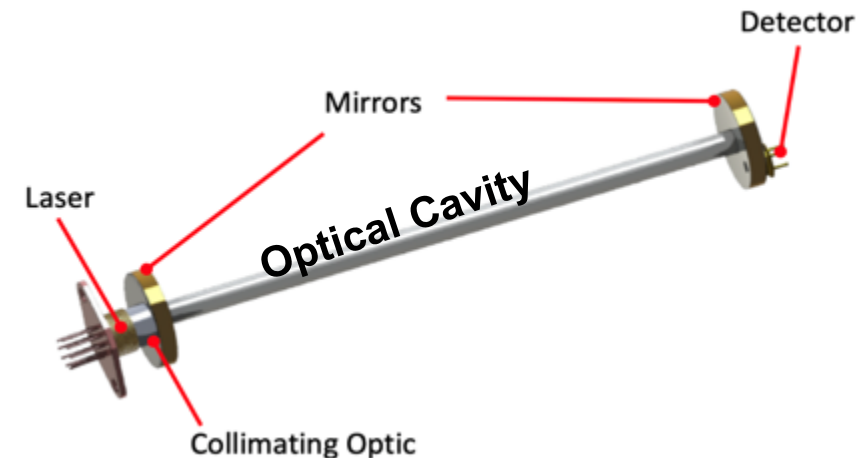
SeekOps Company History: The value of investment





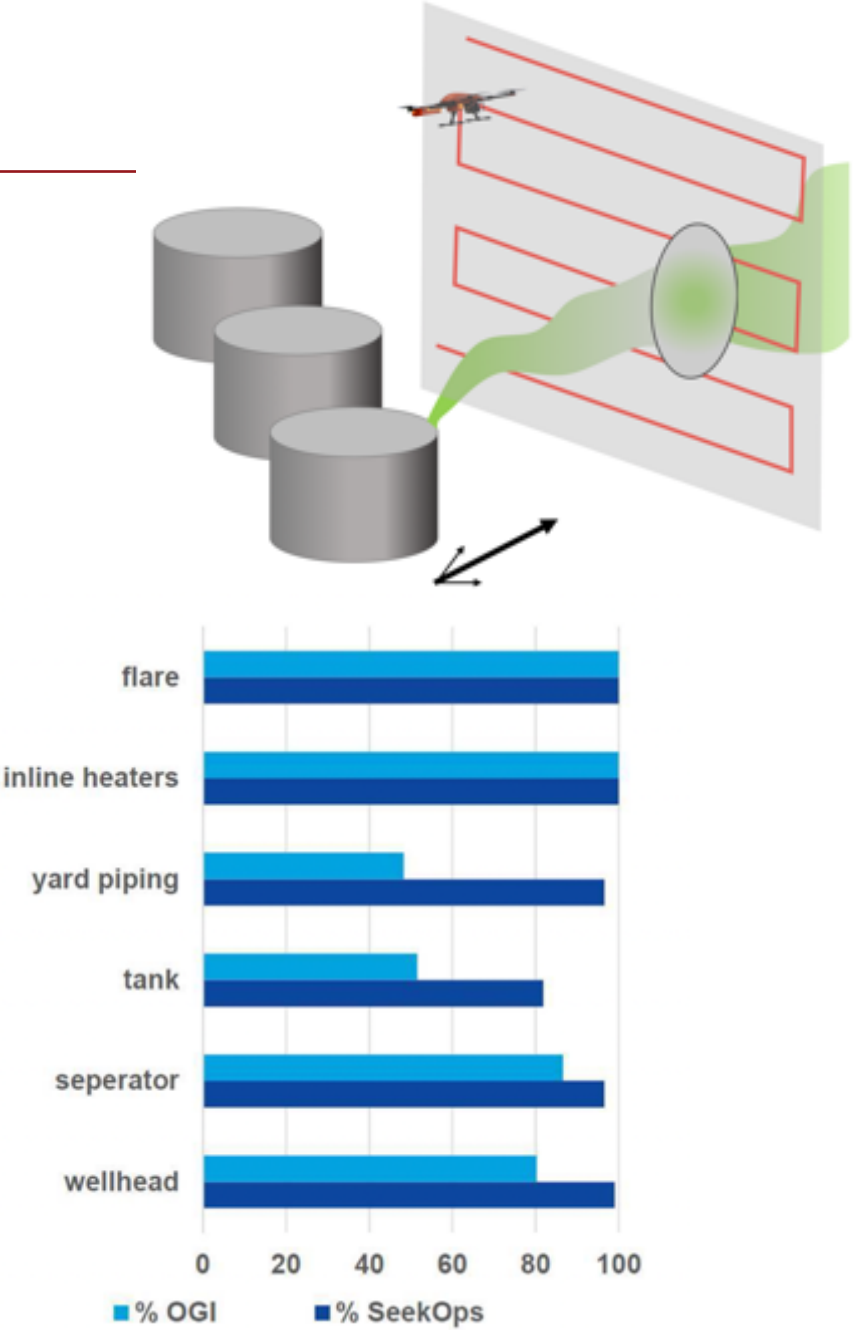
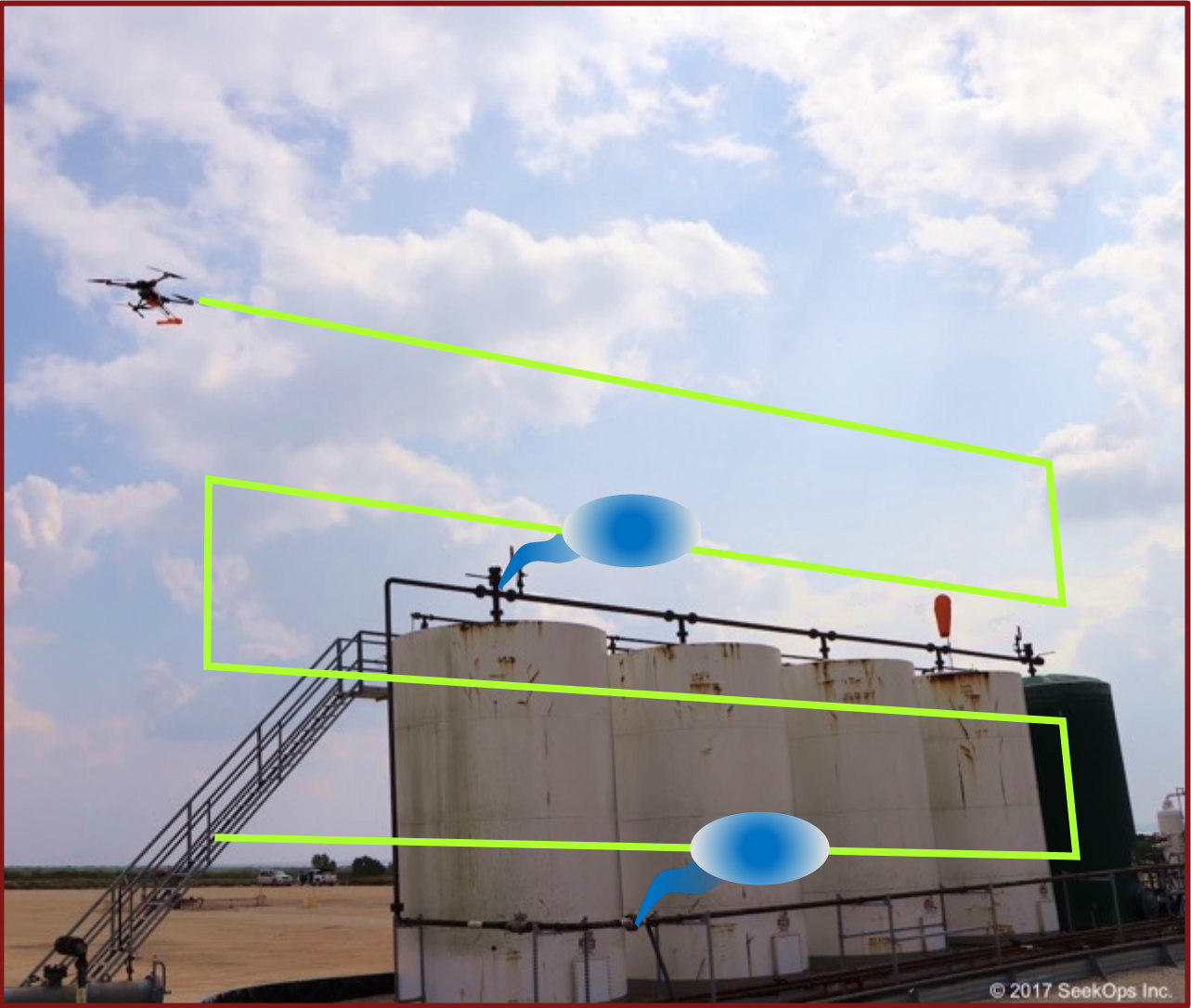
Unique, Field-Proven Technology

- SeekIR® Laser Spectrometer:
designed for industrial applications
- Ruggedized
- High Sensitivity PPB
- Drone Agnostic & Lightweight < 600g
- Self-Contained Power/Communications
- Low Power (< 2W)
- Field-Proven, Repeatable & Consistent Workflows
- Actionable Reporting
- Automation





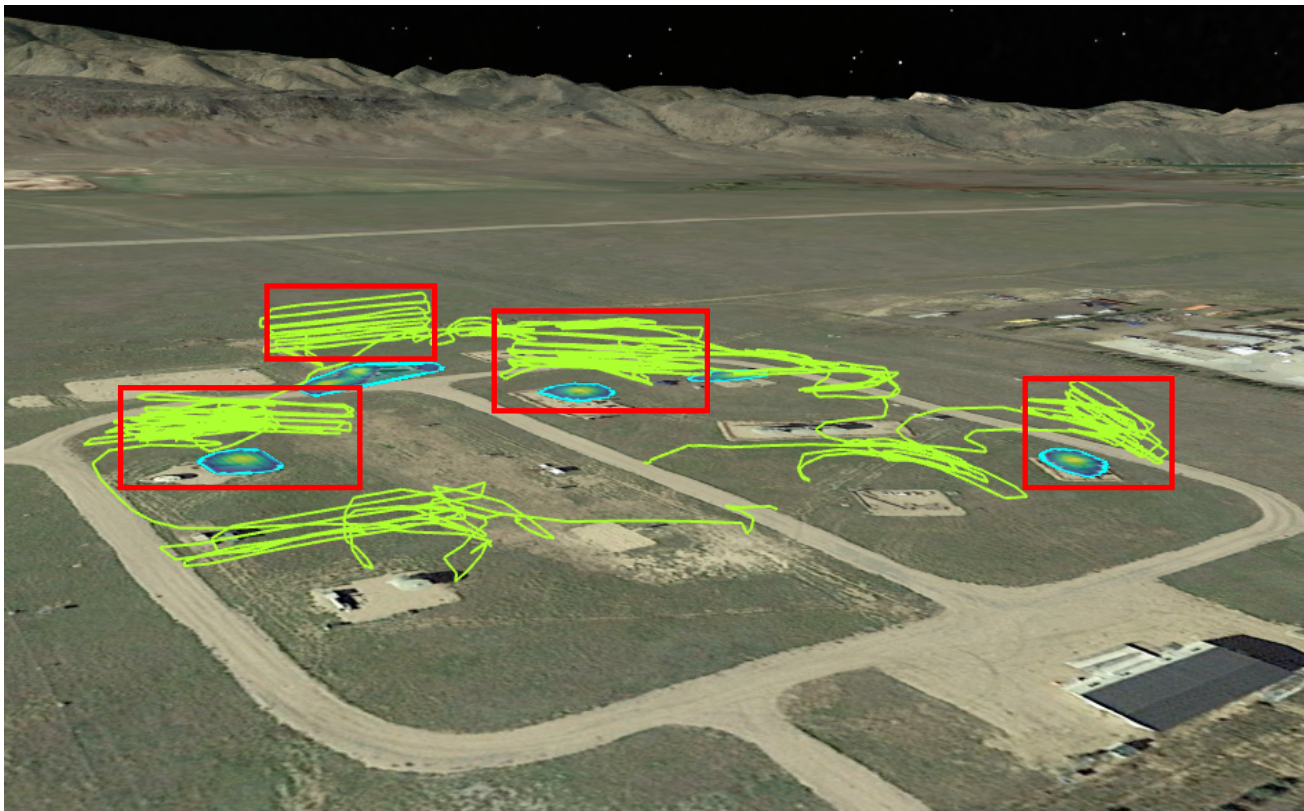
Oil & Gas: Onshore Operations



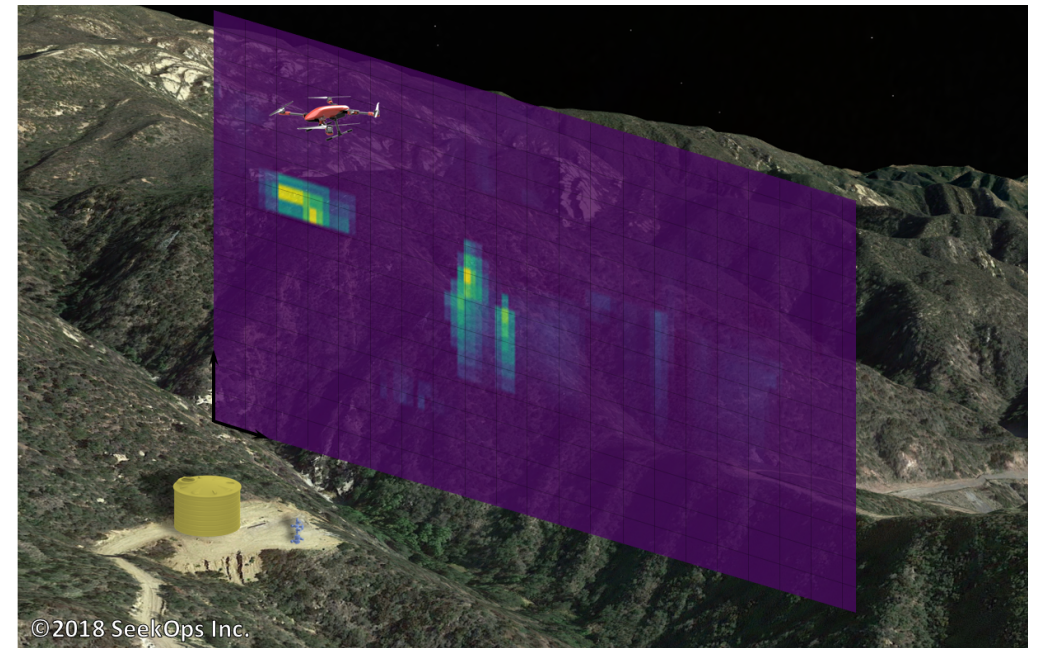


Onshore: Efficient Data Collection & Analysis

- SeekIR® Drone Emissions Surveys



Detection & Source Localization

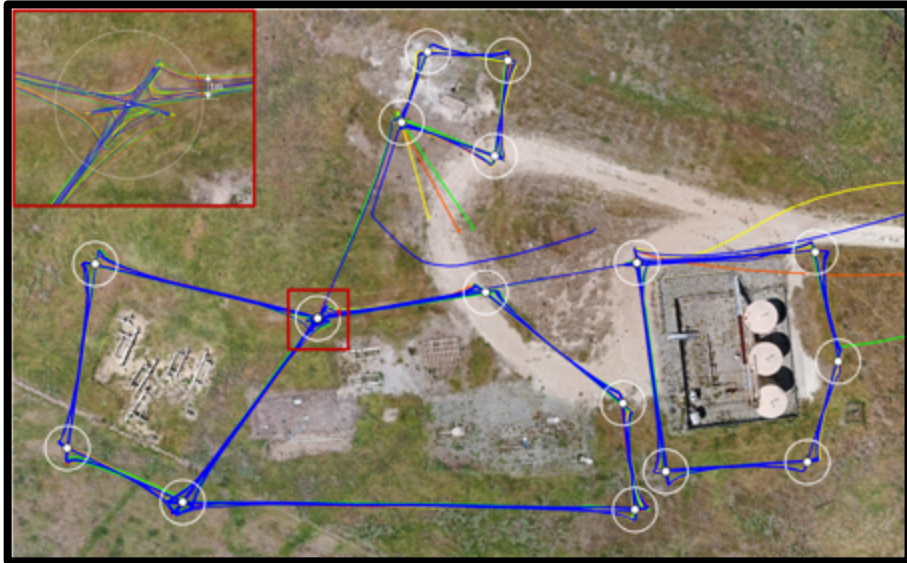
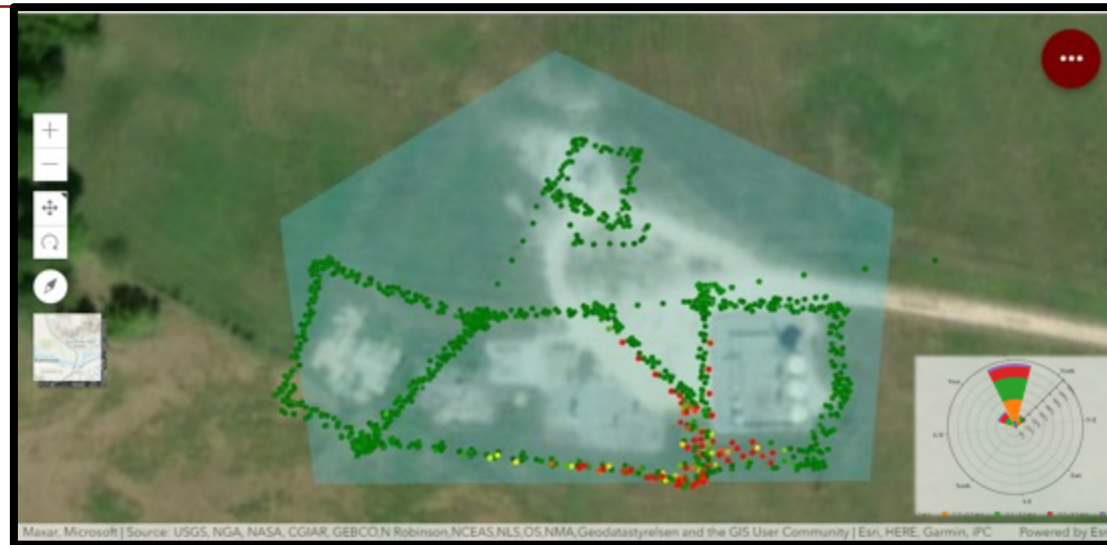


Quantification





Onshore Efficiency Gains with Automation (Single Pad Example)



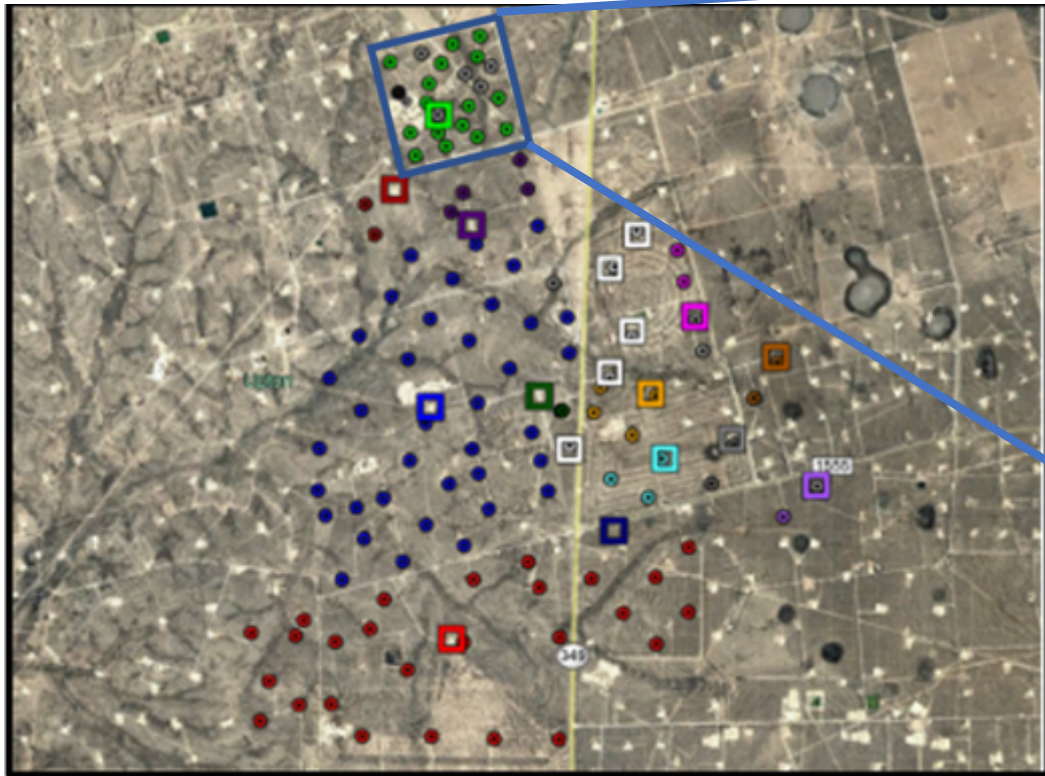
1 Wellpad

Service Type	Time to Complete Survey*	Number of Sites in 1-day*
Standard Survey	30 min	10
Automated Setup + Initial Survey	1 hour	5
Automated Repeat Surveys	7 min	20+

*Example of well pads and regional spacing surveyed



Onshore Efficiency Gains with Automation (Multi-Pad Example) – Onshore VLOS



1x Tank Batteries and 23x Well Pads

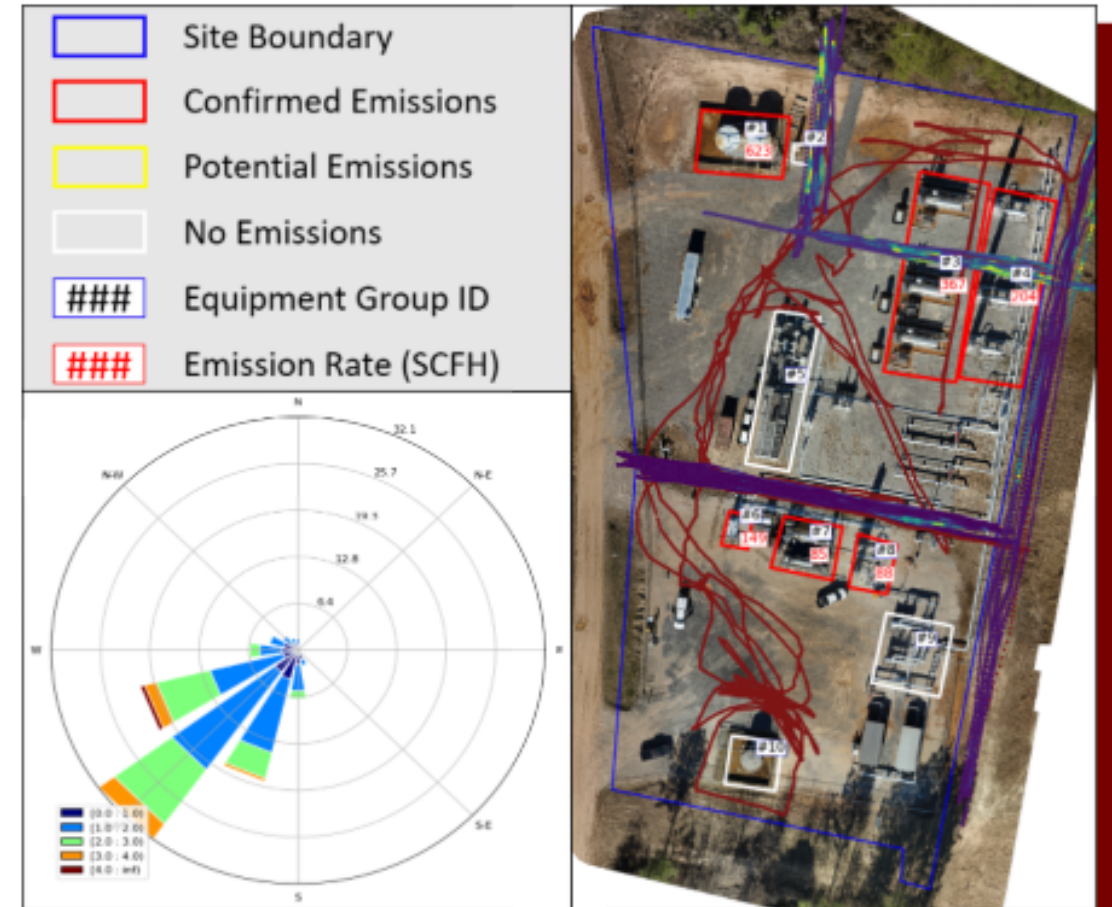
Service Type	Time to Complete Survey*	Number of Sites in 1-day*
Standard Survey	2 days	10
Automated Setup + Initial Survey	5 days	24
Automated Repeat Surveys	2 hours	72



Actionable Reporting: Leak Detection & Quantification

- High Resolution Ortho Images put measurements in operational context
- Key Leaks Immediately Identified
- All Leaks Highlighted
- Equipment Localisation
- Repair Prioritization Identified
- Emissions Accurately Quantified
- Total Emissions Profile (consistent with ESG Reporting)
- Highlight Improvements with Regularly Repeated Measurements...
- ...but at what frequency?

Overview of Emission by Site			
Emission Rank	Site	% of Total Emissions Measured	Total Site Emissions (SCFH)
1	A	76%	5015
2	B	23%	1516
3	C	1%	69
4	D	0%	0
Total			6600





Offshore: Quantification using BVLOS

- Have demonstrated Beyond Visual Line of Sight surveys are feasible with partner
- Fixed-wing drones bridge the gap between satellites, manned aircraft and multi-rotor drones
- Performed top-down emissions surveys for a number of offshore platforms for multiple customers
- Achieve high relative quantification accuracy over water ($< 2\text{kg/hr}$)
- Avoids issues with reflectivity or measurements at-distance

