

PRECISION CONTINUOUS EMISSIONS MONITORING SYSTEM

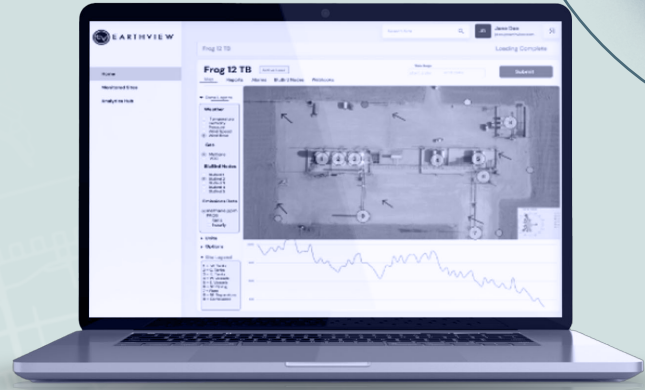
Helping the World Produce
Cleaner Energy



EARTHVIEW

www.earthview.io

Build a world-class Methane Leak Detection and Repair Program using asset-wide, best-in-class continuous monitoring developed by Earthview.



- Find and repair leaks quickly and efficiently
- Evaluate asset emission profiles and establish baselines
- Voluntarily Certifications
- Comply with current and future regulations
- Increase Production
- Sell certified gas at a premium

INTRODUCING THE BLUBIRD PLATFORM Patented Continuous Methane Monitoring System

Address the Challenges Head On

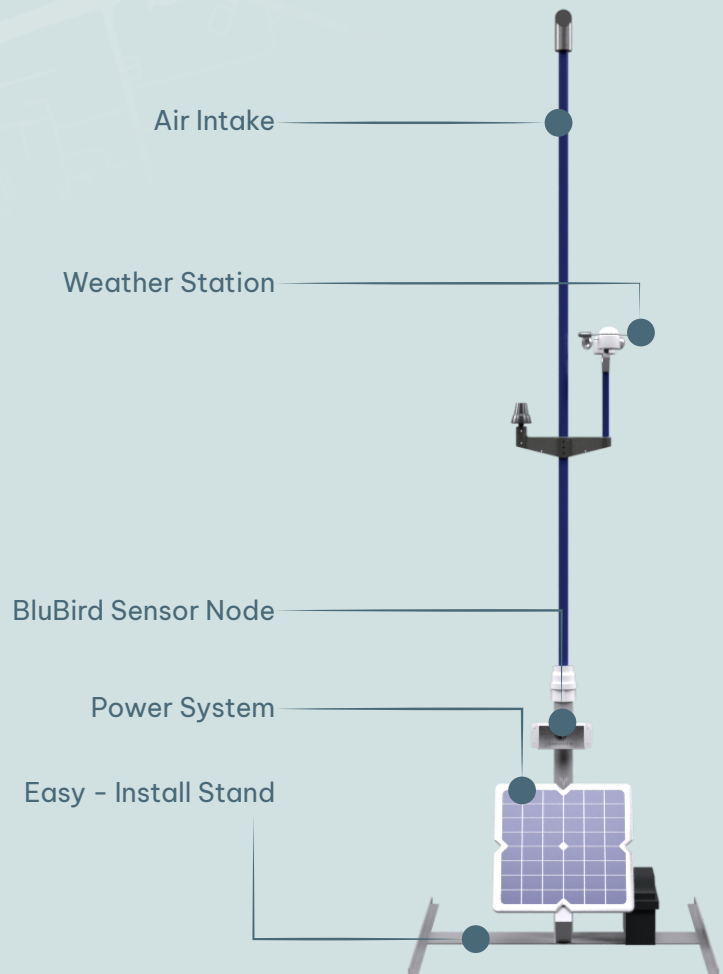


Where are emissions?



When are emissions?

Planes, Satellites, lasers, traditional LDAR monitor less than 1% of operating hours



BLUBIRD PLATFORM

Technical Information

Continuous Methane Monitoring

Reliable, Scalable, Field Tested Hardware
BUILT IN AMERICA BY AMERICANS
Best in Class methane detection hardware

METEC Verified

- Minimum Detection limit: 0.1 kg/hr: will comply with proposed EPA requirements
- For exceeds MiQ, OGMP 2.0 and other certification requirements
- Manufacturing done in a ISO 9001 certified facility in the USA
- Weather information (wind velocity, temperature, humidity, pressure)
- Sample Rate: Every 30 seconds (continuous operation)
- Sample Height: 1 to 5m (3.3 to 16.4 ft)
- Complete stand alone units - solar + battery powered
- Mobile units require no digging for installation
- Field Tested in Louisiana, Texas (Barnett, Eagle ford, Permian), California, Colorado, Pennsylvania and Massachusetts.
- 90% probability of detection level 0.3 kg/hr
- Minimum detection level 0.5ppm
- Sensing technology: Multiple metal oxide sensors in an 'electronic nose' configuration with pump-driven air flow
- Update sample rate to every 30 seconds (continuous operation)
- Update sample height: 1 to 5m (3.3 to 16.4 ft)
- Reserve Batter: interstate SLA1156, 12V, 35Ah, sealed lead-acid

Advanced Software

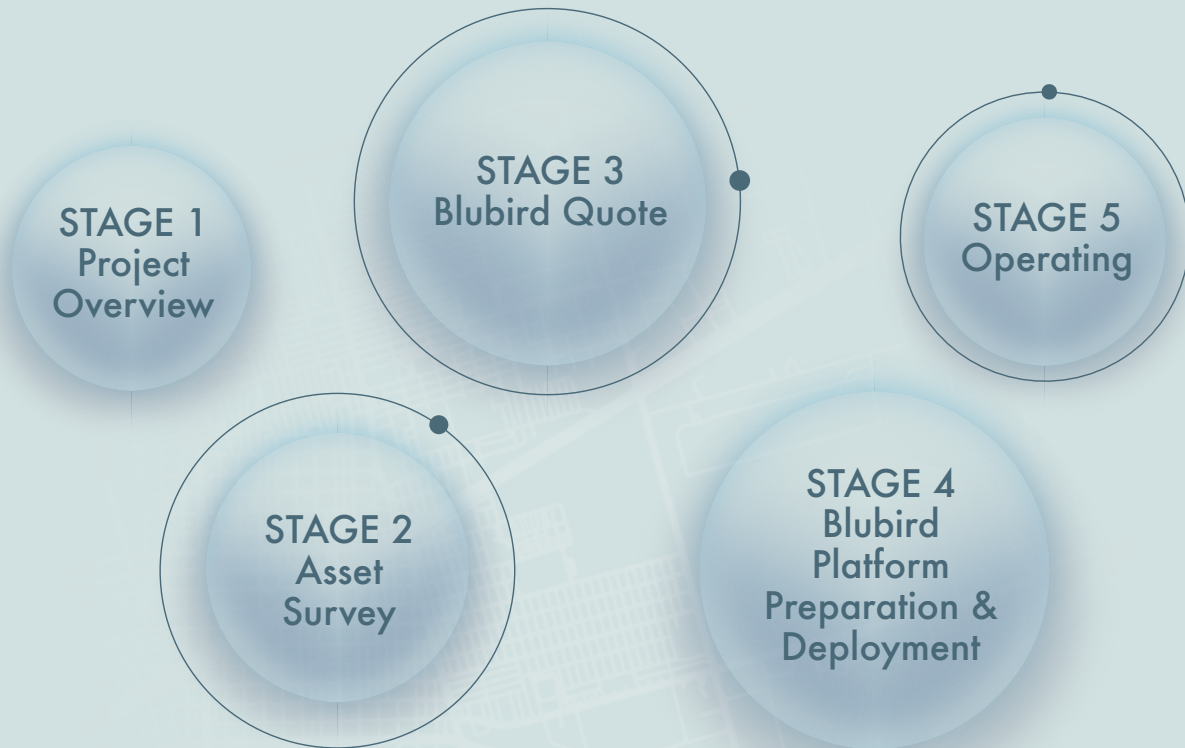
- Web-Based Platform
- API Integration
- Automated Reports
- Cloud services provided by AWS
- Real time leak detection and Alerting System

Data Outputs

- Leak Rate
- Estimated Location
- Methane PPM concentration
- Meteorological data

BLUBIRD PLATFORM

Deployment Process



GAS CERTIFICATION

Earthview is proud to work with all leading Certification Organizations

