



Project Canary

Enercom Energy Venture Investment Summit



Our Technology

Canary S Unit

Modular & affordable, can use 12+ pollutant sensors, cellular connection, 6+ days of backup battery power, 1 year of data storage

Anemometer

Precise wind speed & direction.
Key to mass quantification and source attribution

Summa Canister

Patented approach to automated “grab” air samples. Allows for parts per trillion clarity about a plume’s composition

Solar Power

20W – 30W solar panels



What We Do

1. Inputs

Proprietary Emissions & Risk Data

- Continuous emissions monitoring
- TrustWell™ wellsite analysis

Company Level Operational Data

- Facility sensors (i.e. tank pressure)
- Operational (inspections, repairs)

Third Party Data

- Satellites, aerial flyovers
- Government reports
- Various sensor hardware

2. Analytics

Project Canary Emissions Accounting and Risk Profile Dashboard

3. Outputs

Independent Emissions Quantification

- Real-time localized CO2e calculations
- Real-time carbon offset procurement

Company & Site Level ESG Profiles

- Investment risks related to emissions
- Enhanced capital attraction

Supply Chain Analytics & Corrections

- Emissions source attribution
- Predictive analytics to prevent GHGs
- Cost-benefit analysis of solutions



Our platform

Wind Speed & Direction

GHG / Pollution Readings

Sensor Selection

Summa Canister Analysis

List of sites monitored



Site level GHG / pollution alerts sent to operator

Site level wind rose

Current satellite map of facility

Emissions monitor (every circle)



Closer Look

Real-Time Production
Calculations

Real-Time CO₂e Emissions
Calculations

Hour-by-Hour Estimates Allow
for Offset Procurement

Project Canary Emissions Quantification Algorithm Layer



Accomplishments

Product Market Fit

~20 contracts with major energy producers and transporters
~250 Canary units in field with paying customers. 5,000+ wells have undergone TrustWell certification

“Tip-to-Tip” Reach

Actively working across the entire natural gas value chain (producers, transporters / processors, and utilities)

Technology / Intellectual Property

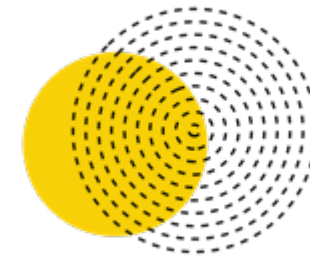
USPTO patents issued and pending
Additional certification marks issued for Responsibly Sourced Gas (RSG)

Academic

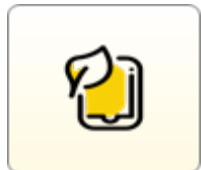
Colorado School of Mines / Payne Institute’s Continuous Monitoring Program enable participants to benchmark, study, and compare real time data



Project Canary Value Prop



Internal ROI Creation



Catch Issues Fast

OFS contractor didn't connect to vapor line. Caught and fixed in 10 mins.



Support ESG Strategy

PE backed company includes credible IES data to beef up recurring "ESG" Board slide.

External ROI Creation



Sell Responsibly Sourced Gas

EQT to produce Project Canary Certified Responsibly Sourced Gas for use in domestic and international markets.



Attract cautious capital

PE backed company attracted incremental equity investment from university endowment.



Enhance external reporting

Leading producer included IES generated data in best-in-class ESG report.





Project Canary

projectcanary.com

