

PROJECT

Accelerate the Pathway to Net-Zero



# Project Canary provides trusted & independent ESG data.

# **Trusted, independent data—** with a mission to reduce emissions to net-zero

- Independent, 3<sup>rd</sup> party that is not party to gas transactions beyond providing data
- Data-enabled performance assessments and improvements
- Market leader for Certified, Responsibly Sourced Gas (RSG)
- Experts in using certification and continuous emissions monitoring to identify best-in-class suppliers
- Incorporated as a public benefit or B-corporation mission driven

# New Energy Paradigm

The understanding, technology, science and data analysis to enable operators to mitigate the **considerable risks** presented by the new energy paradigm.





#### BUSINES

### Activist Likely to Gain Third Seat on Exxon Board

Hedge fund Engine No. 1 challenged Exxon's strategy amid climate-change concerns

#### BUSINESS

#### Shell Ordered by Dutch Court to Cut Carbon Emissions

Lawyers say the ruling, which Shell can appeal, could set a precedent in other Western jurisdictions

#### New Mexico proposes more rules to curb oil and gas emissions

By SUSAN MONTOYA BRYAN May 6, 2021

## Here Are America's Top Methane Emitters. Some Will Surprise You.

Oil and gas giants are selling off their most-polluting operations to small private companies. Most manage to escape public scrutiny.

#### **MARKETS**

ExxonMobil faces 'winds of change' as climate battle reaches boardroom

Activist shareholders will try to green a titan of the oil industry in the mostwatched proxy battle in years

#### **Sustainable Business**

# BlackRock goes against BP board in climate resolution vote

Energy groups must stop new oil and gas projects to reach net zero by 2050, IEA says

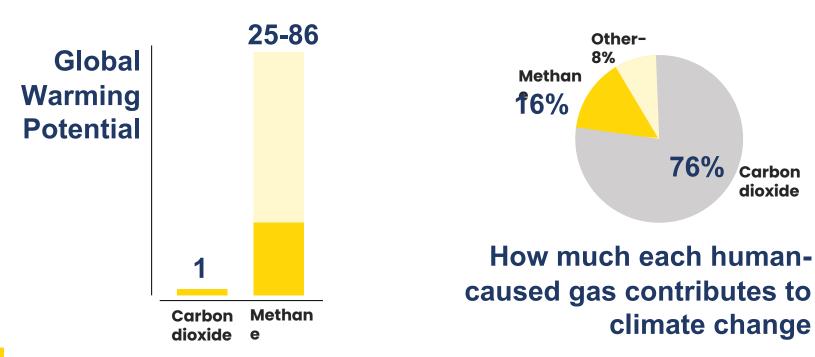
'Don't decarbonise or we will divest' US states warn banks and asset managers

Letter comes as lawmakers introduce ESG rules for financial advisors and workplace pensions

Biden Order Calls for Disclosure of Financial Risks of Climate Change



The impact of methane on climate is significant: 25-86 times worse than carbon dioxide.





# Preventable leaks occur in the gas supply chain, with wide variability between operators and basins.

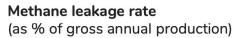
Methane emissions under-reported using static and outdated estimation formulas

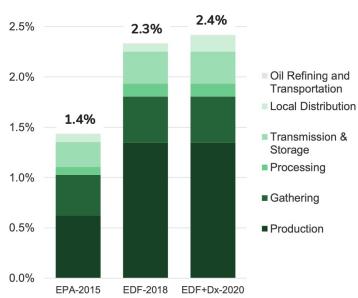
Most methane leaks are intermittent

Methane leaks are preventable

Biggest impact starts with gas production

Real-time data and quantification needed to drive improvement







## TrustWell certification identifies best-in-class wellpads.

TrustWell evaluates an operator's approach to responsibility across four primary categories:



Air: Reduce GHG emissions



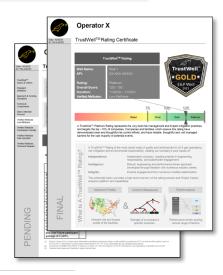
Water: Responsible water stewardship



Land: Mitigate operational risk impacts



**Community:** Understand the local community's needs and interests













# TrustWell by Project Canary. The Badge of High Standards.



The *only* full lifecycle certification program and ESG-data platform spanning well-construction through reclamation planning.

01

#### Multi-tiered approach addressing:

- Policy: addresses the entire base of operations including all wells
- Plan: is specific to the region of operation and well pad

 Execution: is well-specific and validates that best practices are utilized and followed

02

#### Developed and run by engineers and industry experts:

- Originated from a Cooperating Stakeholder program of engineers, industry expertise, regulators, and NGOs
- Established categories and criteria based on bestpractices by API, ISO, NORSOK, +
- TrustWell certifications only performed by engineers with field experience and technical expertise.
- Comprehensive solution includes interviews with personnel and subject matter experts, site visits and a document review of ~1,000 pages per well



## Our continuous monitoring provides real-time data

## **Canary Unit**

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

### **Summa Canister**

Patented approach to automated "grab" air samples. Allows for parts per trillion clarity about a plume's composition

### Anemometer

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

### **Solar Power**

20W - 30W solar panels



## Real-Time Actionable Data available 24/7 through our ESG Dashboard





# Certified Gas provides transparency, lowers emissions, and drives continued improvements in the supply chain.

### Responsibly Sourced Gas

Geologic natural gas certified by an independent third party to achieve low-emissions and highest standards of ESG factors:

Environmental Ratings of individual well pads or facilities to a minimum criteria using a robust and standardized scoring system

<u>Continuously Monitoring</u> of each facility to ensure that high standards are met and methane leaks are stopped promptly





## **Client Study: Crestone Peak Resources**

01.

Over 181 continuous monitors deployed

02.

Partnering on regulatory petition to reduce LDAR monitoring frequency for continuously monitored wells

03.

Connected to Xcel for Responsibly Sourced Gas pilot 04.

News coverage picked up by Colorado Public Radio, Reuters, Natural Gas Intel, and others









## **Customer studies**







# Major West Coast IOU

## **Utility Engagements**

01

- First certified gas transaction in 2018.
- Utility commission allowed the transaction

02

- Publicly announced deal in 2021
- Environmental leadership recognized of using the buying power to reduce emissions

Tip-to-tip traceable transaction winter 2021 linking production, processing, and transport

 First municipal utility to commit to RSG

- Purchased through a gas marketer
- IOU commitment to reduce gas footprint immediately

# CANARY

Learn more about TrustWell by Project Canary



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