

# Frost Methane: Eliminating concentrated methane emissions

## What We do

- Find concentrated, continuous methane flows (coal mines, natural vents, etc)
- Install our device to convert methane to CO<sub>2</sub> (96% reduction in warming)
- Earn revenue via carbon market

## Potential Climate Impact

500 Mega tonnes Co<sub>2</sub>e / year - like removing half the cars in the US

## Business

- Good unit economics - payback < 18 months and margins of 40-70% afterward on sample sites
- Offtake proposals from brokers
- Good feedback from site owners and land / mineral owners, but slow to sign
- Fast growing market
- Challenging site acquisition

## Technology

- Small, low cost modular flare with complete combustion across a range of flows
- Monitoring system 6x cheaper than the alternatives
- Lowers maintenance costs with real time alerts, sensor auto calibration and automatic relight systems

Field tested on a permafrost methane vent

