

A New Technology For Flare Mitigation

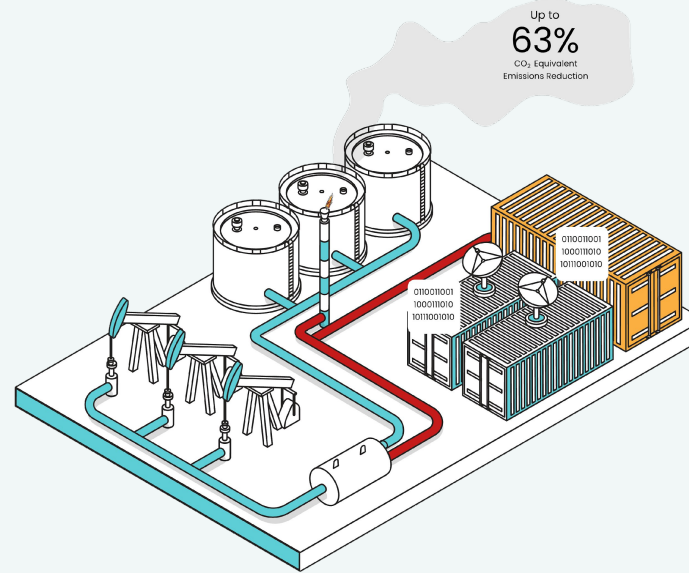


Crusoe



CRUSOE'S MISSION IS TO ELIMINATE THE ROUTINE FLARING OF NATURAL GAS THROUGH DIGITAL FLARE MITIGATION®

Crusoe provides oil and gas companies with a fast, low cost and simple solution to natural gas flaring. As the energy industry works to address infrastructure constraints and increasing environmental standards around flaring and emissions, Crusoe is here to help.



WHAT IS DIGITAL FLARE MITIGATION® (DFM)?

Crusoe captures natural gas that would otherwise have been flared and repurposes it to power energy intensive computing. The gas is diverted from the flare line into reciprocating gas engines. The engines fully combust the gas, resulting in 63% carbon dioxide equivalent emissions reductions compared to flaring. The electricity produced by the generators powers onsite modular data centers. In these data centers, ASICs, GPUs, and CPUs, run on clean energy.

Digital Flare Mitigation® solves critical regulatory and environmental challenges for oil and gas companies by achieving beneficial use, reducing flaring and lowering emissions.



Artificial Intelligence and Deep Learning



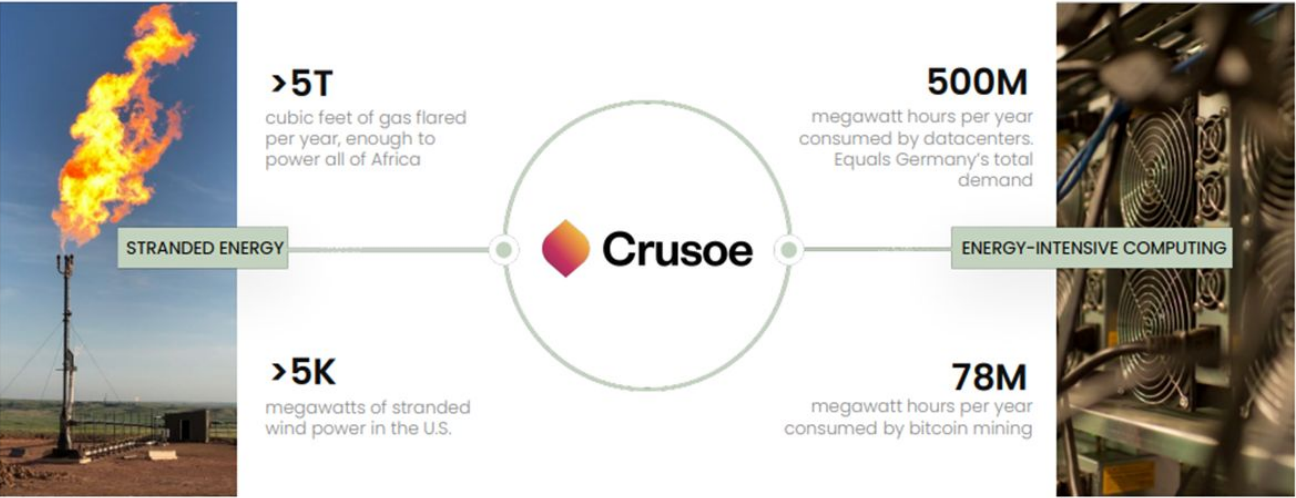
Blockchain and Cryptocurrency



Compute-Intensive Research



THE PROBLEM: BROKEN LINKS OF ENERGY SUPPLY AND DEMAND

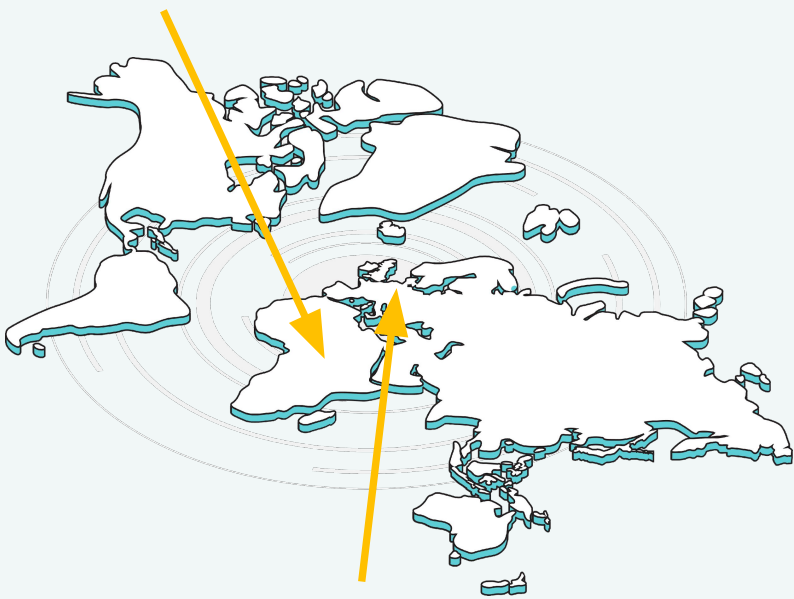


THE SOLUTION: DIGITAL FLARE MITIGATION®



FLARING IS A MAJOR CAUSE OF WASTE AND EMISSIONS

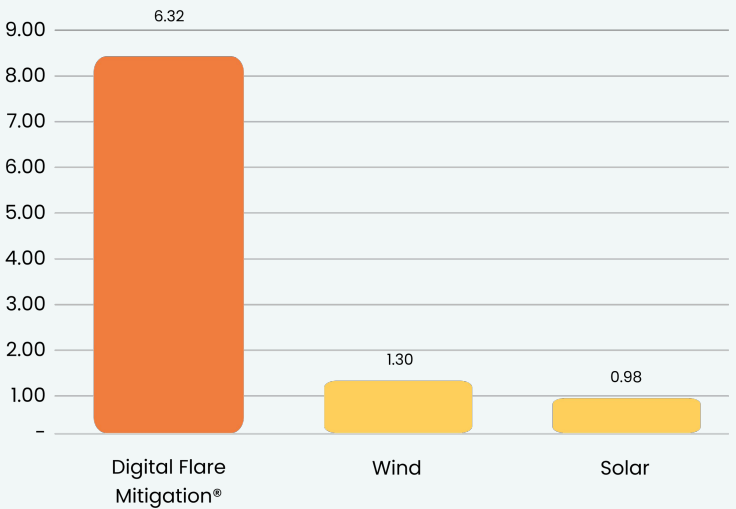
Every day, over 14 billion cubic feet of unused natural gas from oil fields are burned off or “flared” into the atmosphere. For context, this is enough gas to power the entire continent of Africa., which is home to more than 1 billion people.



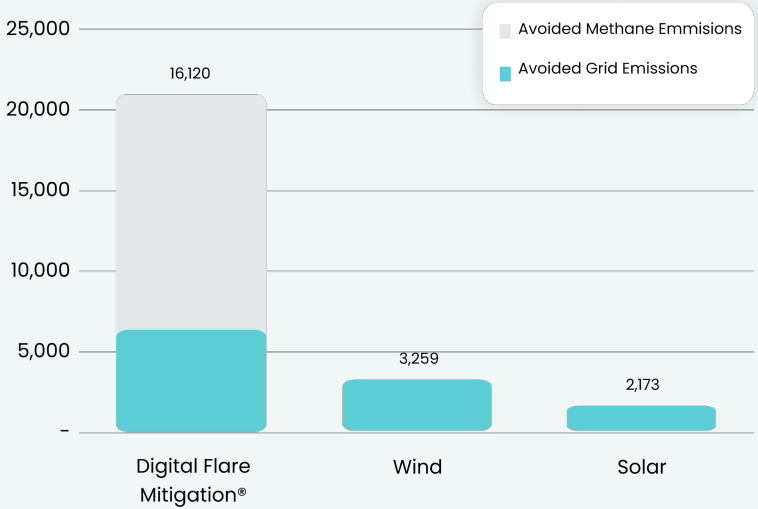
Meanwhile, the total power consumption of data centers is equivalent to the power demand of Germany, the largest industrial economy in Europe.

DIGITAL FLARE MITIGATION® AND EMISSIONS REDUCTIONS

Potential Emissions Avoidance Per \$1,000 Investment
(Tons CO₂e/yr)



Potential Emissions Avoidance Per 1.7 MW System
(Tons CO₂e/yr)



RELATIVE TO CONTINUED FLARING CRUSOE'S PATENTED DIGITAL FLARE MITIGATION® SYSTEMS ELIMINATE EMISSIONS UP TO:

