

## WHO ARE WE?

MAZE Environmental's system costs less, reduces emissions, and yields more oil in the tank than traditional systems.

## STABILIZERS

## TOWERS

## VAPOR RECOVERY UNITS

## PUMP SYSTEMS

## INSTALLATION TEAMS



## What are methane facts and statistics?

Methane is a potent greenhouse gas and the second biggest contributor to human-caused global warming after CO<sub>2</sub>. Per unit of mass, methane is 84-86 times stronger than CO<sub>2</sub> over 20 years and 28-34 times as powerful over 100 years.

- .I Oil and gas represent the greatest near-term opportunity, with the largest emission reduction potential of 35 percent resulting from no-cost activities.
- .II Many of the currently available methane mitigation opportunities involve the recovery and use of methane as fuel for electricity generation, onsite uses, or offsite gas sales.
- .III Methane reduction projects at landfills and wastewater treatment plants also reduce odors; in the agriculture sector, they control manure, protect local ecosystems, and reduce odors.
- .IV Technologies or equipment upgrades that reduce or eliminate equipment venting or fugitive emissions. Enhanced management practices that take advantage of improved measurement or emission reduction technology.
- .V Recovering methane provides a local source of clean energy that can spur economic development and displace higher CO<sub>2</sub> - and pollution intensive energy sources such as wood, coal, and oil.  
Recovered methane can also serve as a new sustainable and abundant energy source for developing countries.

***Methane emissions are the second largest cause of global warming***

## What are the technologies or processes for methane removal?



Methane is a very 'short-lived' greenhouse gas. Technologies like vapor Recovery units, blowdown capture, flares, and plungers are used for methane removal. VRU's are small compressors designed to capture emissions are built across oil and natural gas supply chains. Blowdown capture technologies are conducted at wellheads or elsewhere along the supply chain when equipment must be depressurized while flaring is preferable to direct release of the methane gas to the atmosphere. Plunger lifts are installed to extract liquids more efficiently, while limiting the escape of methane.

Maze Environmental's new process is the latest addition to the above existing methane removal technologies which is cost efficient, safe, reliable, and the only system available that delivers zero methane emissions in today's market.



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