

Methane mitigation: pulling the emergency break on climate change.

Marcelo Mena, CEO



The Global Methane Hub



- **Philanthropic effort** to align funding on **methane mitigation** in the **energy, agriculture, and waste sectors**.
- Supporting **Global Methane Pledge** signatories and potential signatories in meeting the pledge and **going beyond**.
- Drive **coordination and collaboration** on methane advocacy while granting **ideas with the highest impact**.

Cutting methane emissions is the fastest, most effective way to reduce the rate of global warming and contribute to limiting temperature rise to 1.5°C

40% of
methane
comes from
fossil fuel
extraction



60% of methane
comes from



**Food
production**



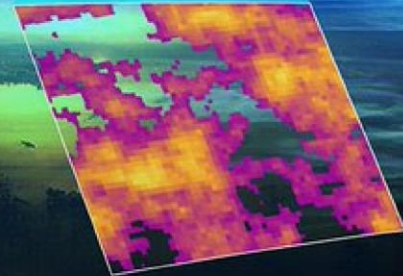
**Food
waste**

Policies, plans and regulation

COP28 SUMMIT ON METHANE AND OTHER NON-CO2 GREENHOUSE GASES



Data, measurement and accountability



MethaneSAT™

**CARBON
MAPPER**

Buenos Aires landfill methane plume

28.6 tons CH₄ / hour

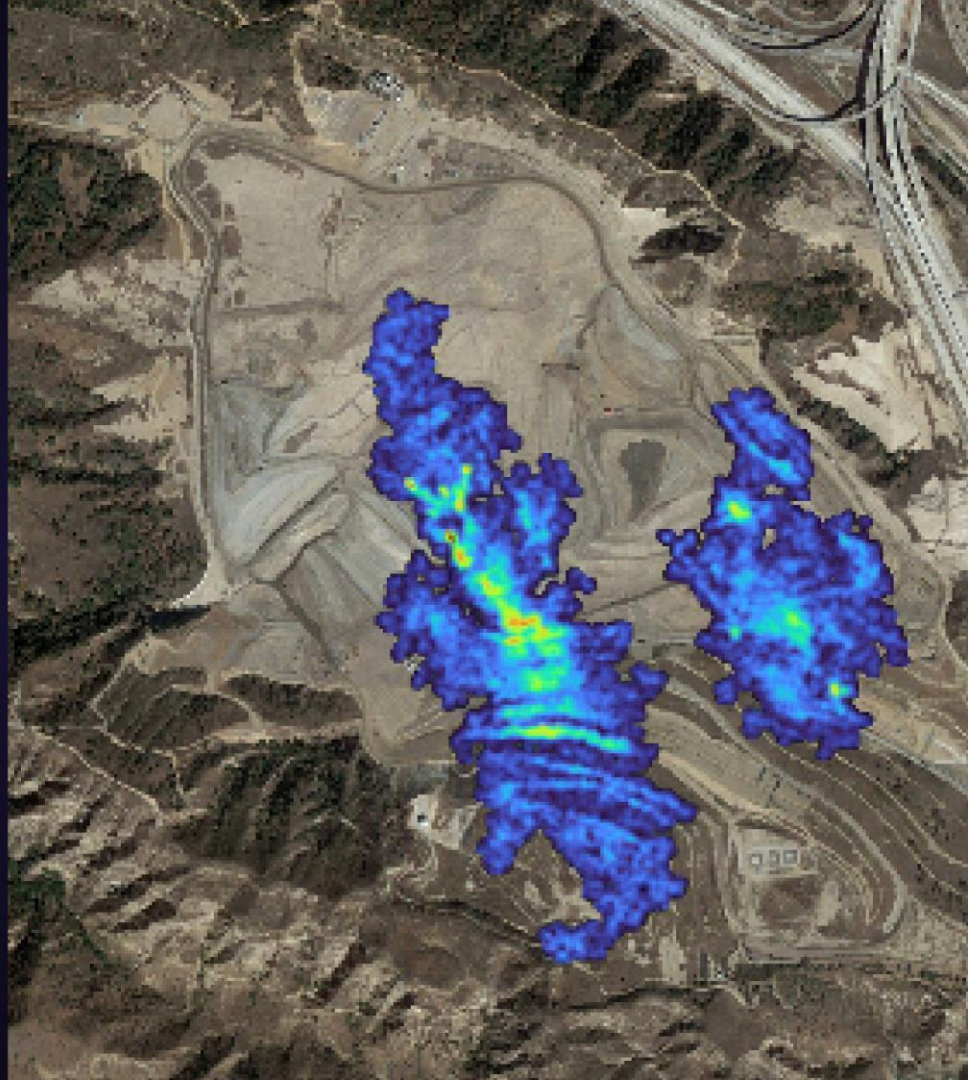
An aerial photograph of a landfill site in Buenos Aires. A large, elongated plume of methane gas is overlaid on the image, extending from the top right towards the bottom left. The plume is color-coded, with the highest concentration shown in bright orange and yellow, transitioning to purple and blue as it moves away from the source. The surrounding area includes green vegetation, roads, and other landfill infrastructure.



**1 Landfill =
~ 1.4 Million cars**

The Sunshine Canyon Landfill

(March 2017)



The Sunshine Canyon Landfill

(March 2017)





CANARY MEDIA

Clean energy journalism for a cooler tomorrow

Landfill methane is a big climate problem. Here are some easy solutions.

The methane released by U.S. landfills could be cut in half in the next 25 years if the EPA adopts policies that some states have now, a new study finds.



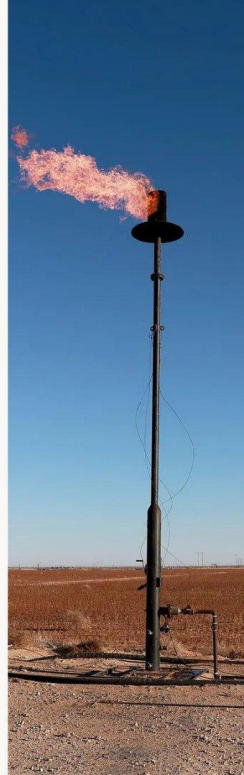
By **Keaton Peters**
22 October 2024



The New York Times

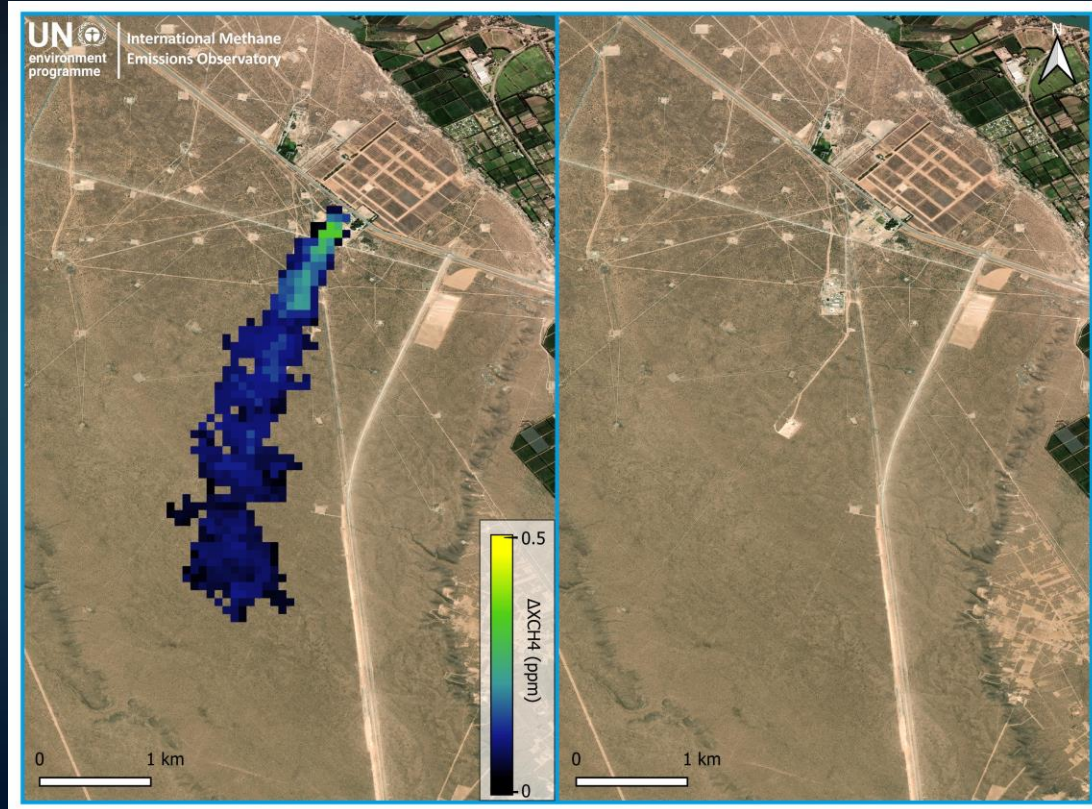
Leaks Can Make Natural Gas as Bad for the Climate as Coal, a Study Says

The bottom line: If gas leaks, even a little, “it’s as bad as coal,” explains RMI’s Deborah Gordon, “It can’t be considered a good bridge, or substitute.”



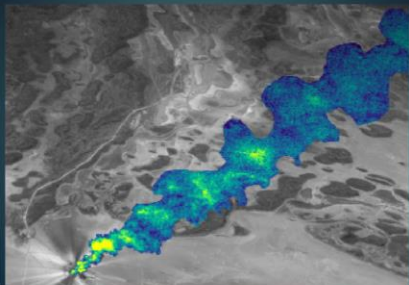


Methane Alert and Response System (MARS)



Data, measurement and accountability

Scientists say they've detected a huge methane leak in Kazakhstan



Bloomberg

Turkmenistan in Talks With US to Tackle Giant Methane Leaks

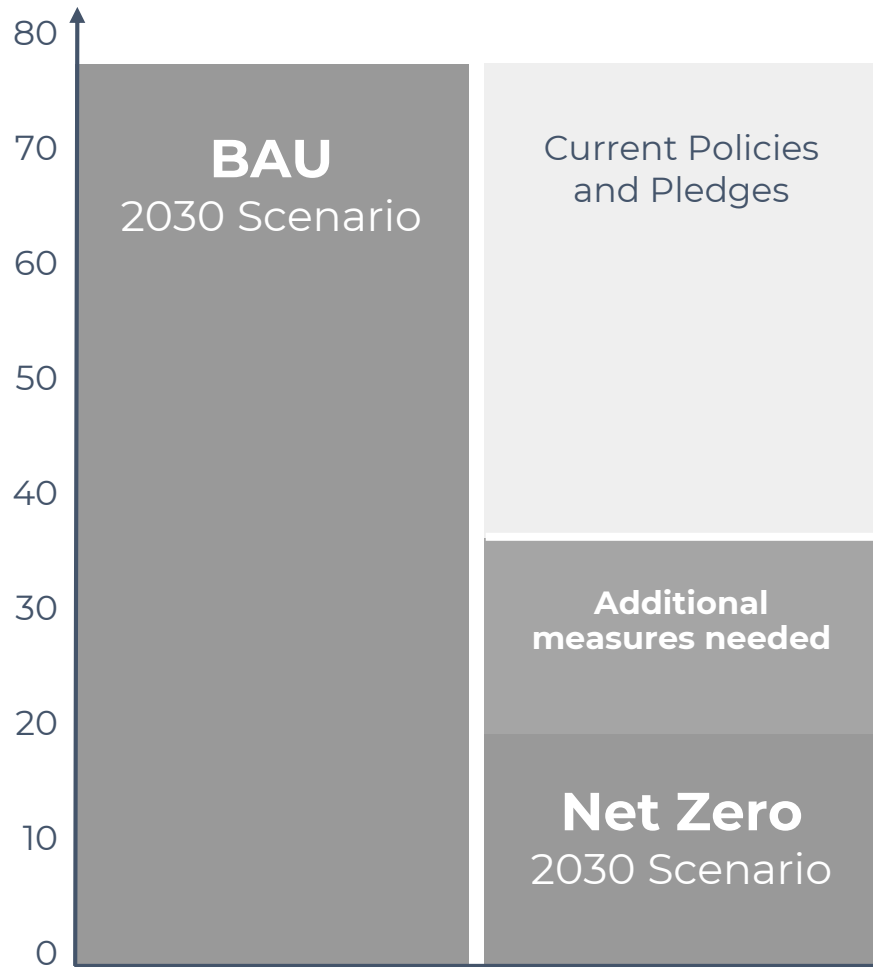


Bloomberg

Big LNG buyers and producers tighten methane monitoring



Financial Times



We are here

- Current policies and pledges can significantly reduce oil and gas emissions. We need 75% reduction by 2030. If pledges are reality we are 70% there.
- Expanding approaches such as EU import standards can help drive even more ambition, influence even more jurisdictions.

THE SINGLE LARGEST

Anthropogenic source of methane



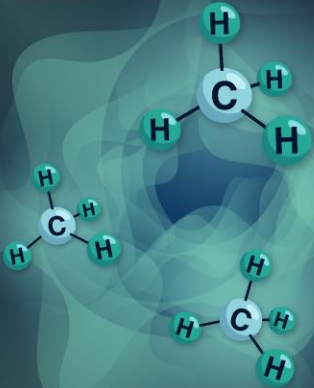
**Capacity
building**



5X

**More
emissions**





Enteric Fermentation R+D Accelerator