



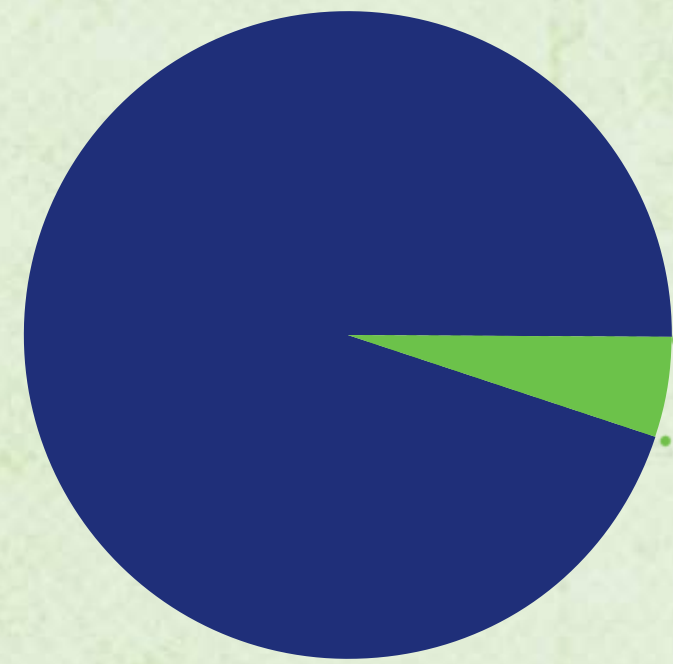
A Premium Geospatial Industry Conference

CLICK TO KNOW MORE

METHANE

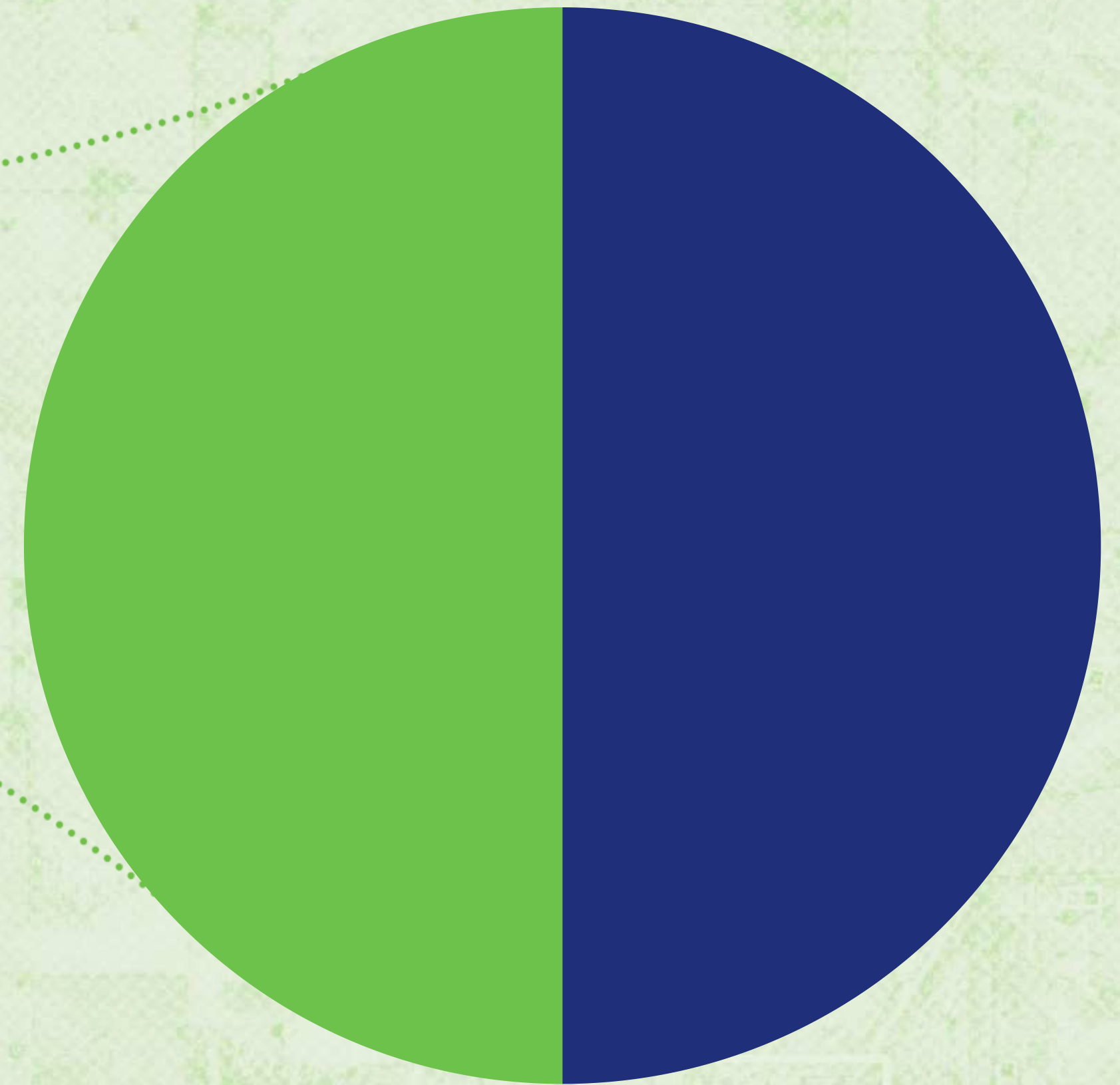
HAVING AN
IMPACT TODAY





METHANE LEAKS

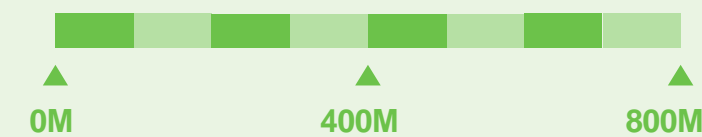
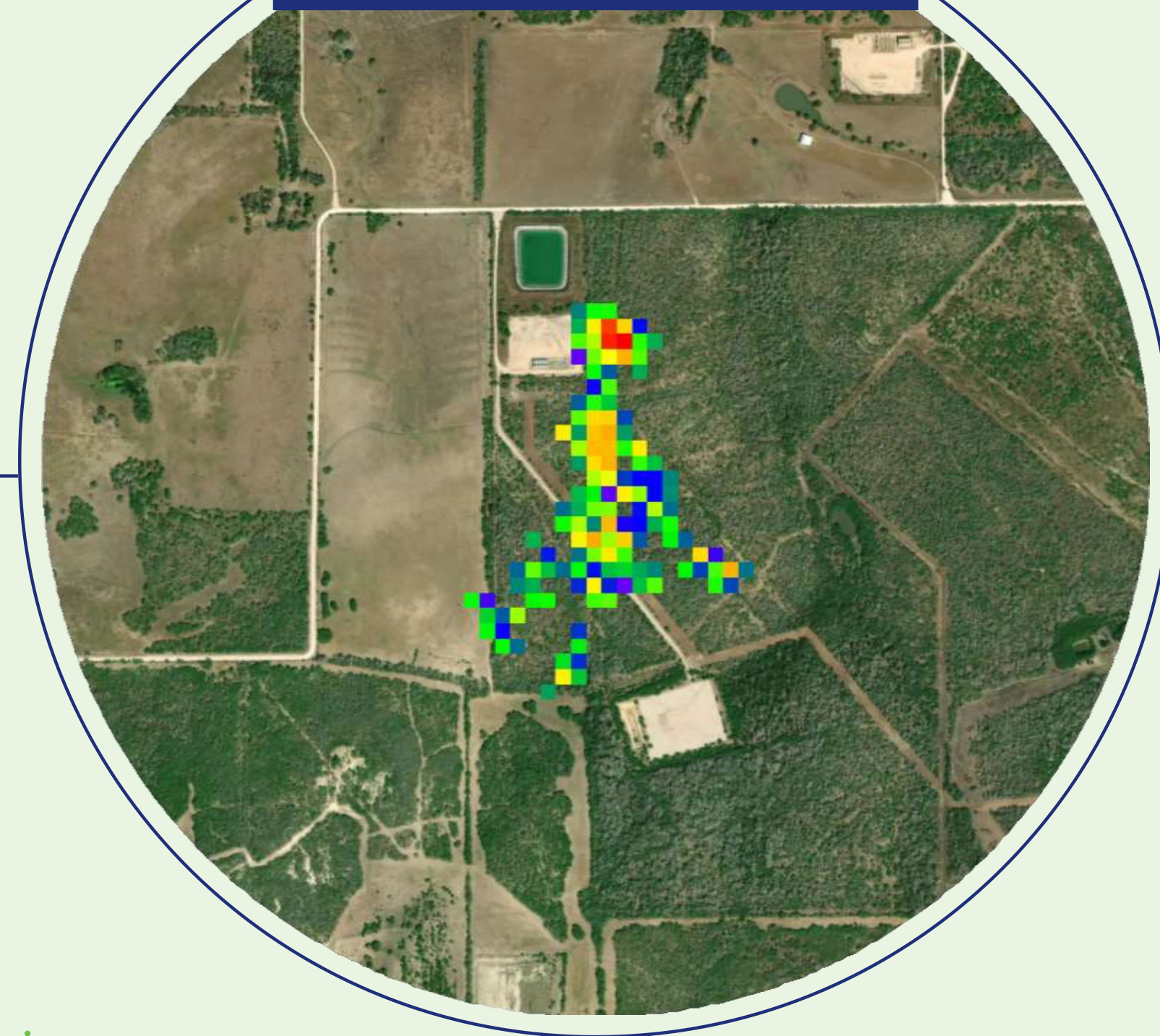
5% of methane leaks
are responsible for
over half of the total
methane leakage volume



TOTAL METHANE LEAKAGE VOLUME

Today, satellites are key for finding high-impact mitigation opportunities.

Oil & Gas Infrastructure, Texas - United States CH₄ Concentration map



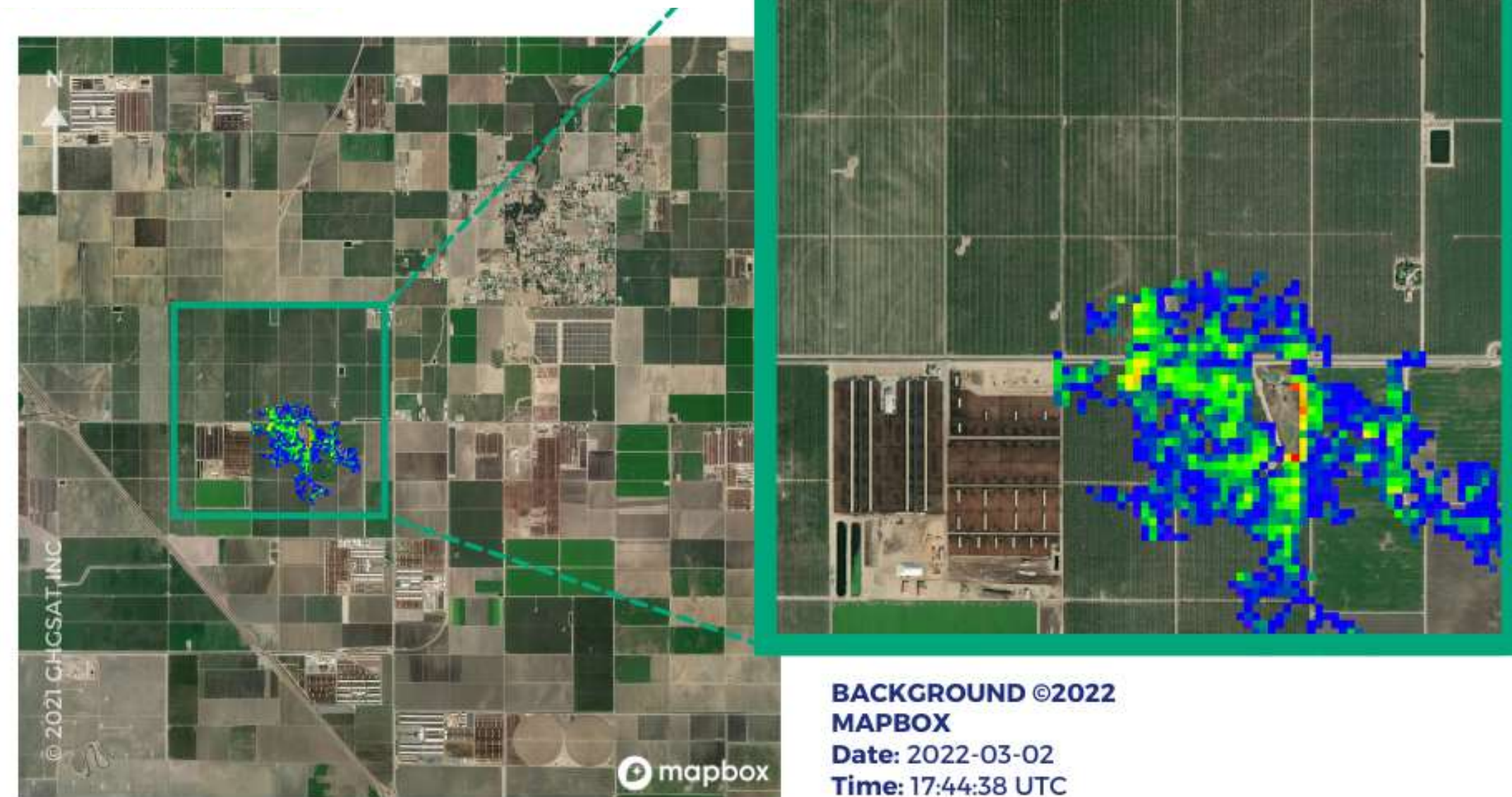
Methane emissions from cows spotted from space for the first time

A satellite has been used to identify a California farm as the source of methane plumes, marking a new level of precision for independent monitoring of agriculture's greenhouse gas emissions

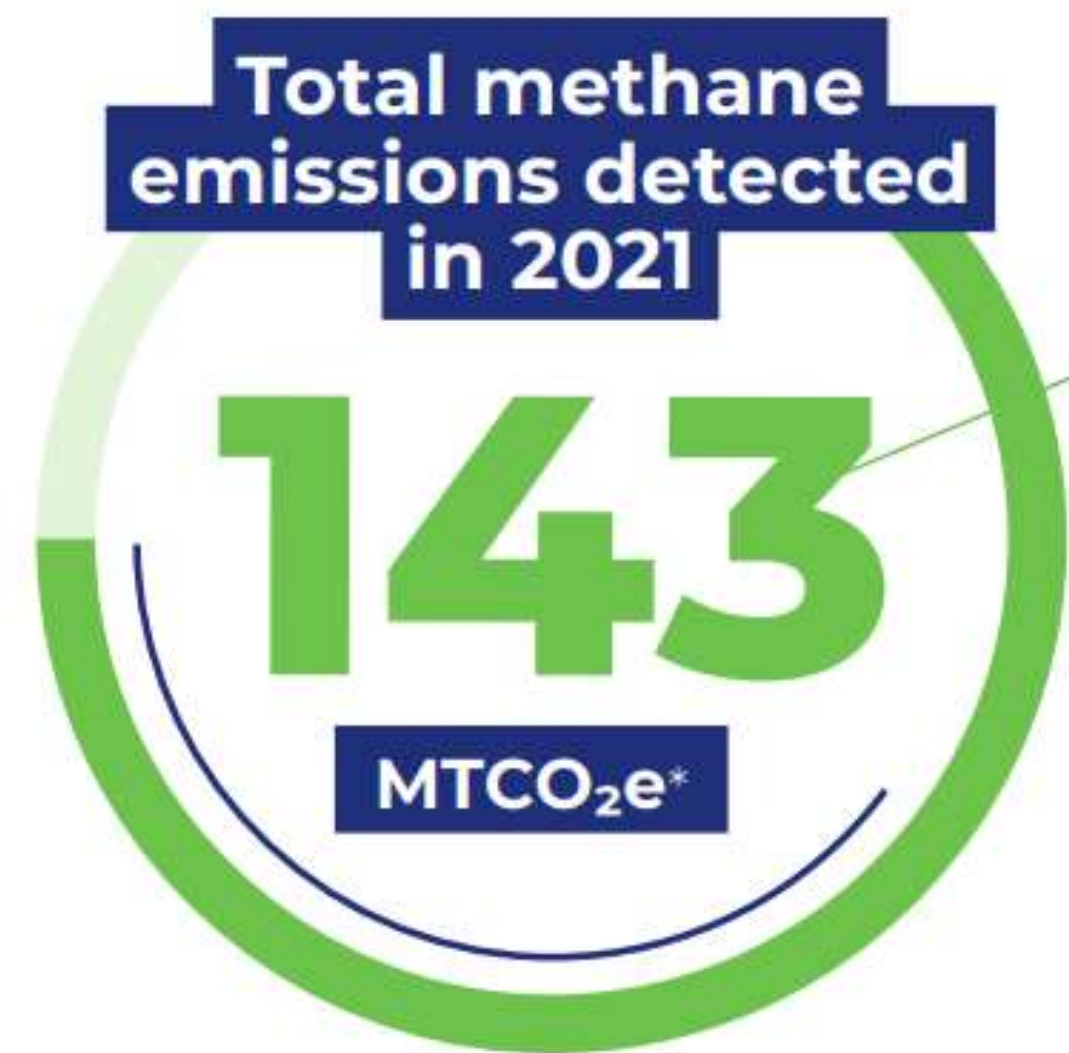


SPACE 30 April 2022

By Adam Vaughan



© Mapbox: <https://www.mapbox.com/about/maps>
© OpenStreetMap: <https://www.openstreetmap.org/copyright>
© Maxar: <https://www.maxar.com>



31.2 M



Emissions measured equate to 31.2 million cars driving on the road for a year.

2.3 MTCO₂e*

Total methane emissions mitigated in 2021.

WORKING TOGETHER

Combining technologies provides a cost-effective picture of current emissions.

This approach offers the most complete portrait of current emissions, which leads to mitigation.



SPACE

Identify 95% of leaks and quickly locate the biggest emitters via frequent satellite monitoring.



AIR

Monitor the major-emitters in high spatial resolution every quarter.



GROUND

Pinpoint the emission source and verify if repairs are successful.



ANALYTICS

Generate insights and cue satellites.

Technology

OUR PATENTED SATELLITE CONSTELLATION IS DESIGNED TO COLLECT ACCURATE, INSIGHTFUL DATA THAT MAKES A DIFFERENCE.

OUR ANALYTICS INCORPORATE PUBLIC SATELLITE DATA AND OTHER GEOSPATIAL DATA WITH OUR OWN MEASUREMENTS.

3

SATELLITES
IN ORBIT

+7

SATELLITES
IN ORBIT BY 2023

OUR
LATEST
AWARDS

FASTCOMPANY
Most Innovative
Companies 2022





**LET'S GET
STARTED**

→ GHGSAT.COM

