

# TOWARDS A SPACE-POWERED ECONOMY

## Company Pitches

# Kayrros

## Methane Watch



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# Humanity needs to run the methane sprint to win the CO2 marathon

**80x**  
more potent than CO2.

**30% of global warming**  
is due to methane

**A need of global data**  
over the energy supply chain

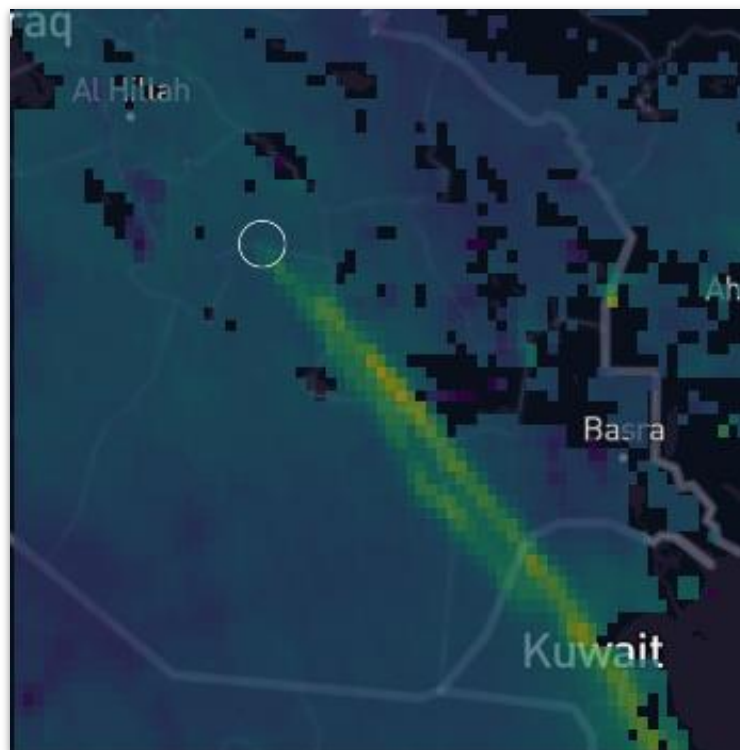


*Global map of super-emitters from Kayrros Methane Watch*



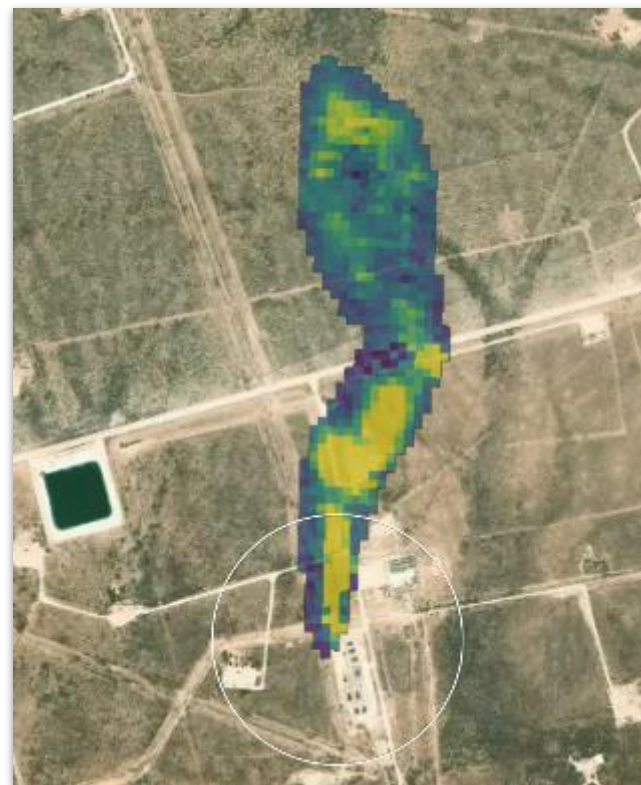
# Kayrros leverages EO and AI for methane monitoring and it is game-changing

## Sentinel-5P TROPOMI



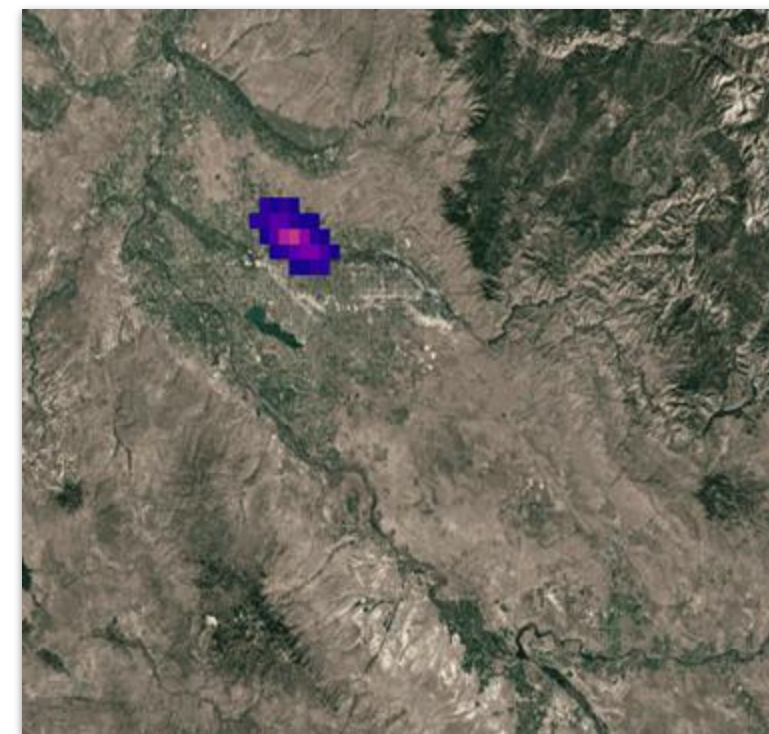
Source: Kayrros SAS, processed L2 images from Sentinel-5P satellite

## Sentinel-2 Sentinel-3 SLSTR



Source: Kayrros SAS, processed L1C images from ESA Sentinel-2 satellite

## Geostationary satellites



Source: Kayrros SAS, processed L1B images from NASA/NOAA GOES-16 satellite

# Kayrros measurements enables stakeholders to take informed decisions and achieve their mission



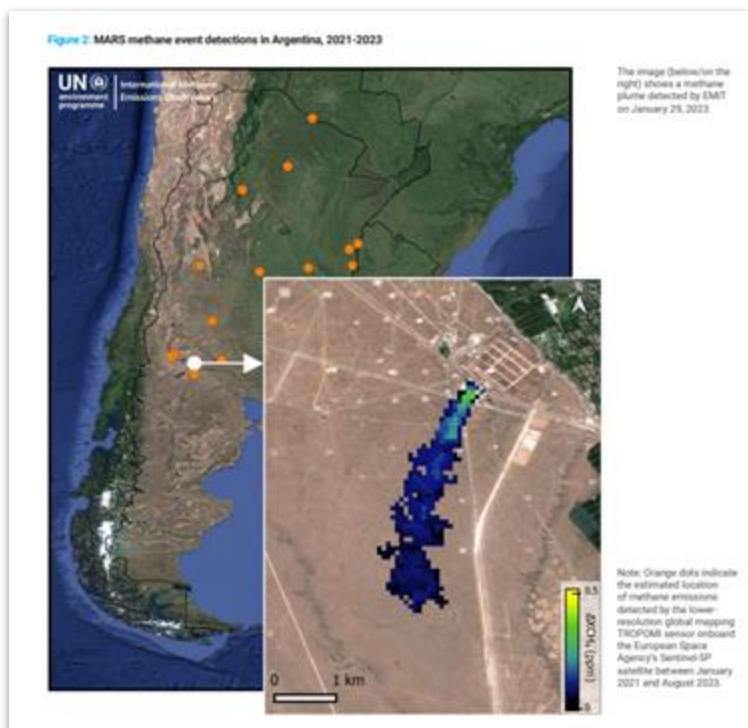
## Alert operators in real time



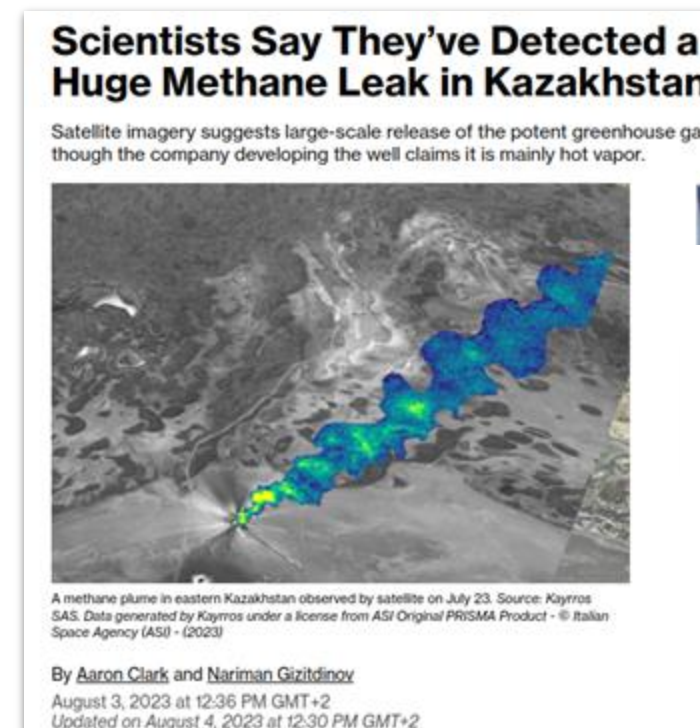
## Improve country inventories



## Raise public awareness



Anwar et al. 2024 Using Satellite Technology to Measure Greenhouse Gas Emissions in Arabian Gulf Countries.



Aaron Clark and Nariman Gizitdinov August 2023, Scientist say they've detected a huge methane leak in Kazakhstan