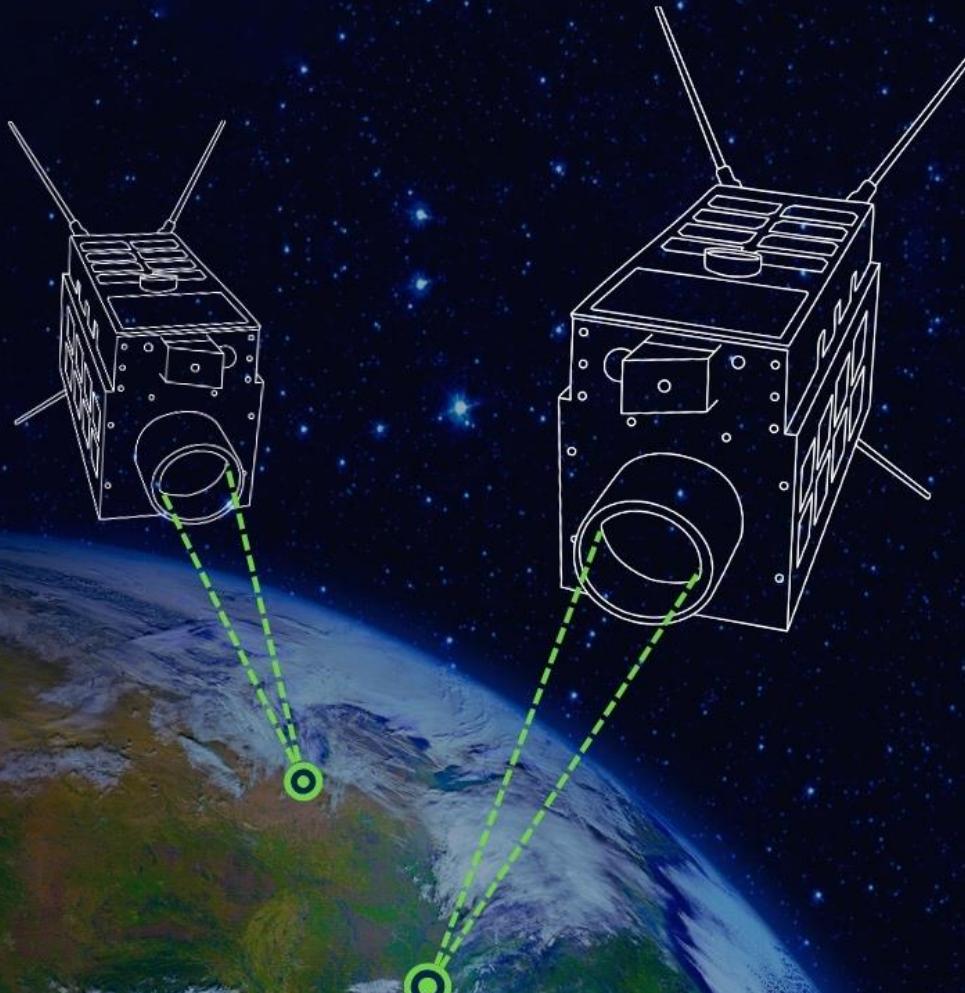


GHGSAT - CO2

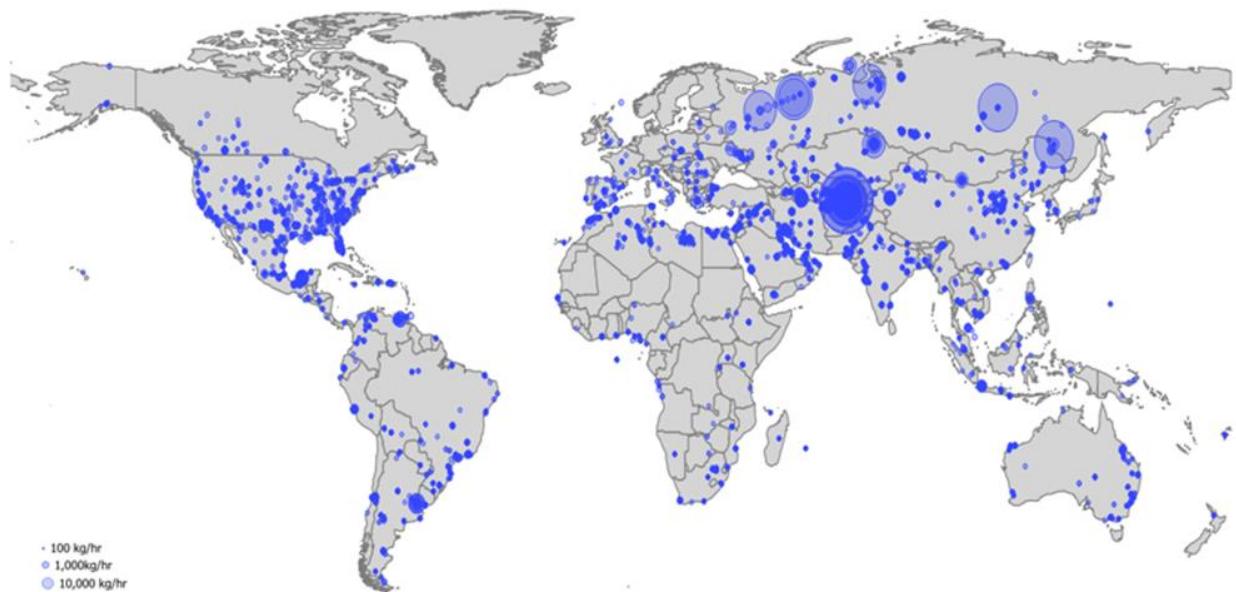
COP30 - November 2025





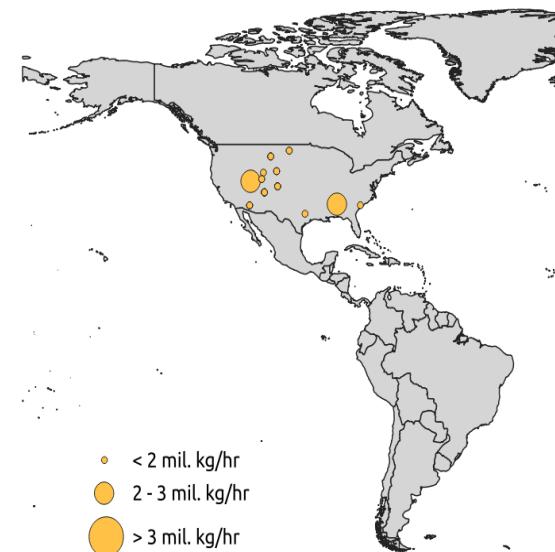
GHGSat: Facility-Level Satellite Monitoring

World Leader in Satellite Monitoring of Methane



In 2024, >4 Million methane measurements in 110 countries, detecting > 20,000 methane emissions, in full commercial operation at scale

World Leader in Satellite Monitoring of Carbon Dioxide



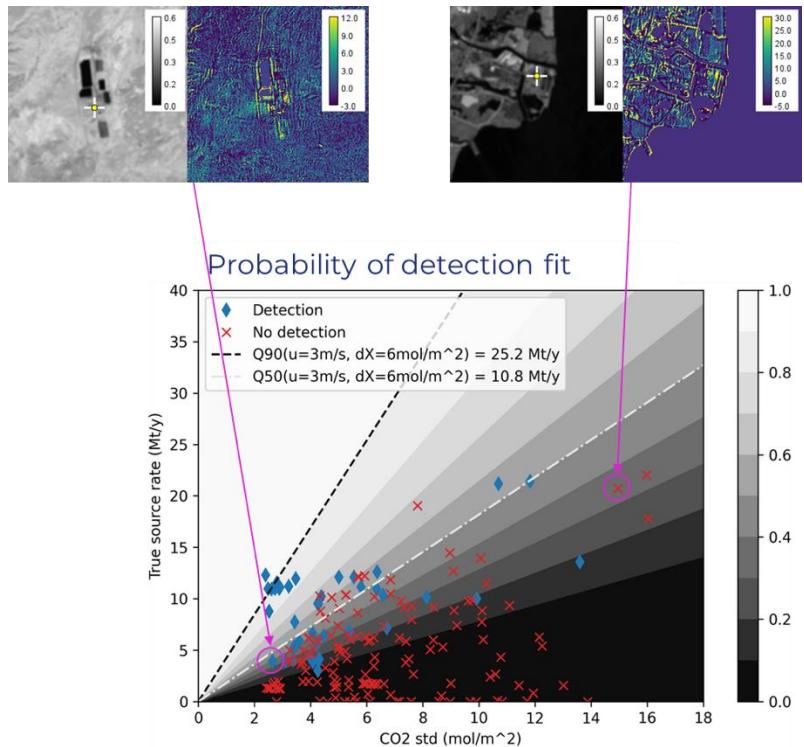
In 2024, thousands of Carbon Dioxide measurements primarily in North America, for validation purposes

Ongoing CO₂ Satellite Performance Validation



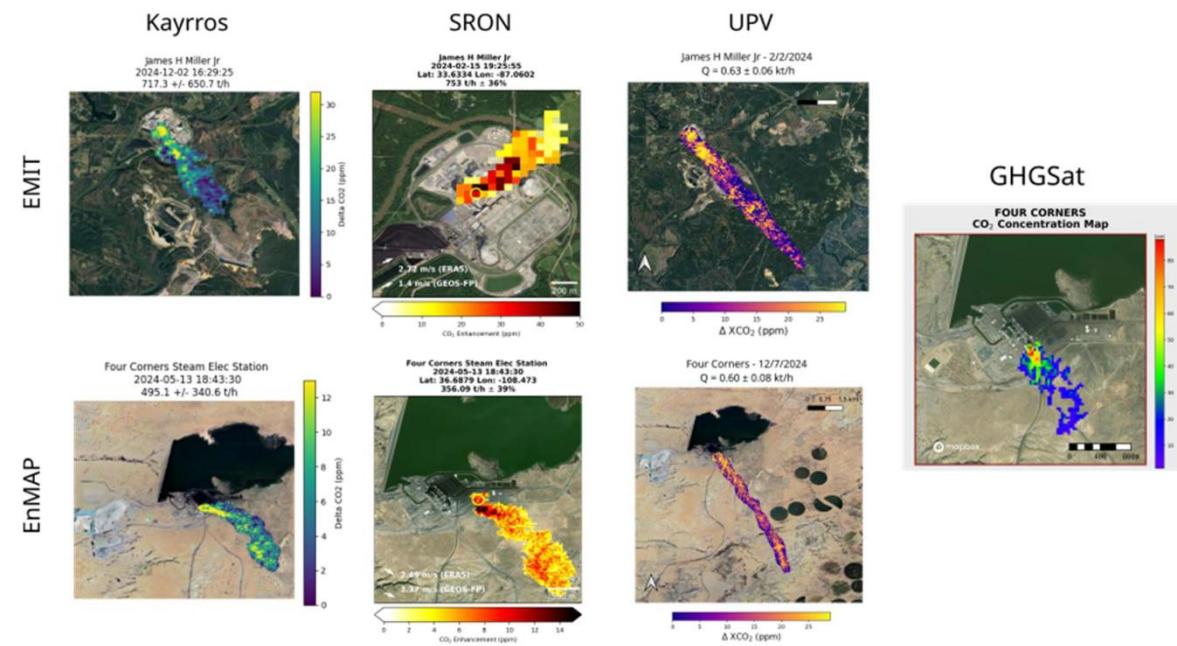
GHGSat Validation: GHGSat CO₂ satellite measurements vs Continuous Emissions Monitoring Data

- 36 Sites / 230 satellite measurements / 35 plumes – with coincident CEMS data



ESA Project: Intercomparison of high-resolution CO₂ satellites

- Intercomparison 3 satellites measuring 10 sites / 100 satellite measurements – independently processed by 3 teams



Next: Collaboration with GOSAT-GW

THANK YOU!

