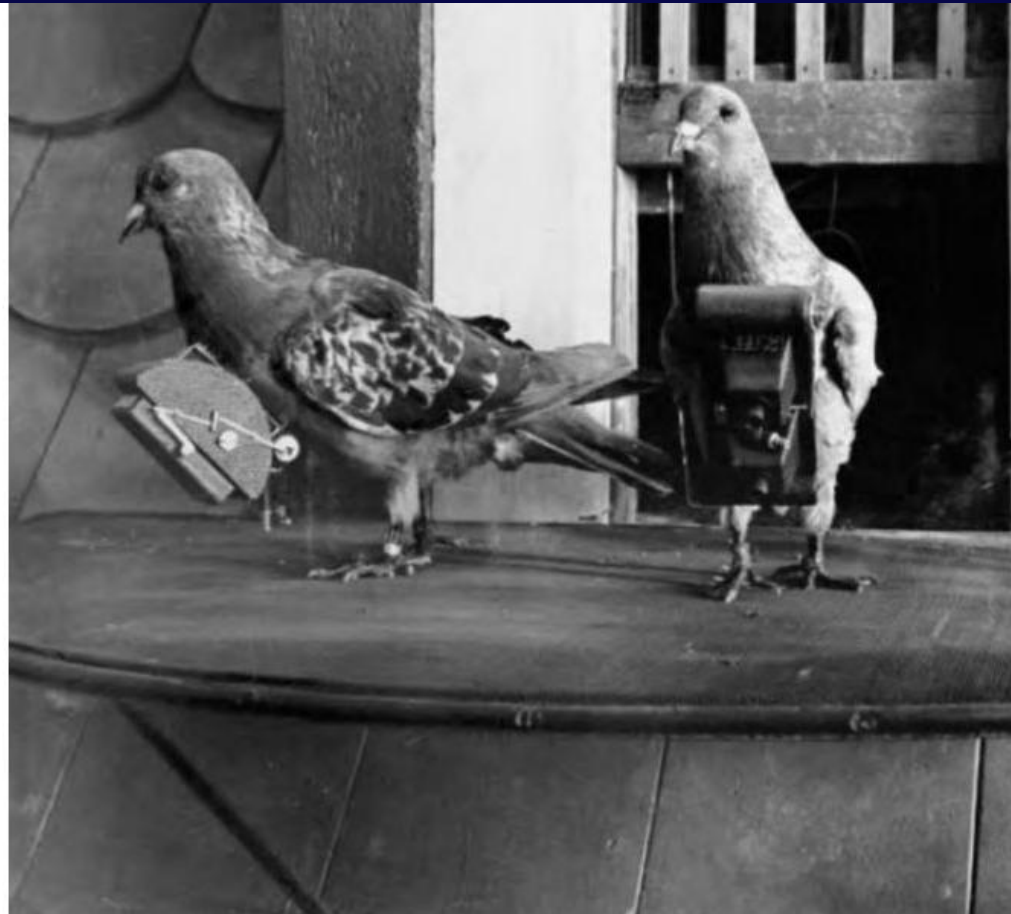
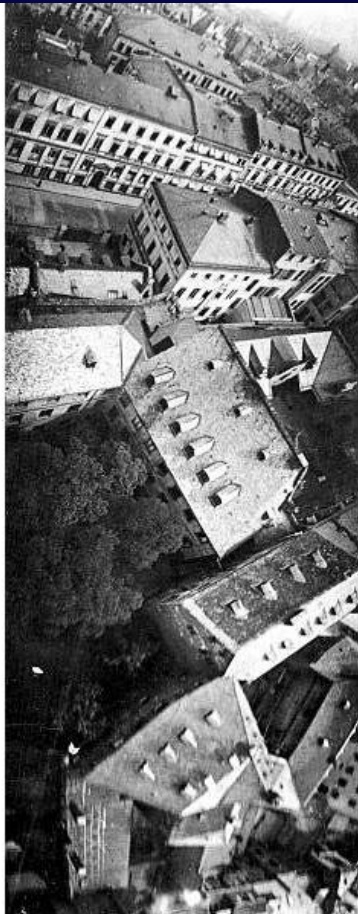


WHEN TIME MATTERS

KSAT
KONGSBERG
KONGSBERG SATELLITE SERVICES

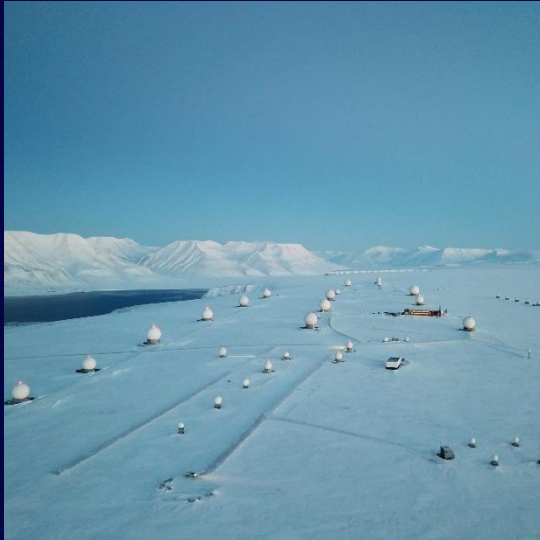
MARTIN RØYMO SKEDSMO

ALWAYS ON A MISSION.



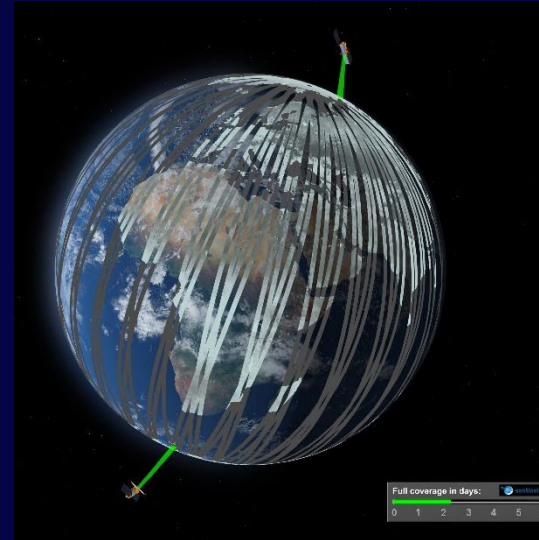


KSAT BUSINESS AREAS



GROUND NETWORK

- Telemetry, tracking and command
- Data Acquisition services
- Launch and LEOP support
- Hosting and Maintenance



EARTH OBSERVATION

- Oil Slick Detection
- Vessel Detection
- Multi-Mission Near Real-Time data
- Planning & Ordering



Selected Supported Missions

Optical, SAR and RF



WHY SATELLITE MONITORING?

Vessel: 1000 SQKM/hour

Aircraft: 35 000 SQKM/hour

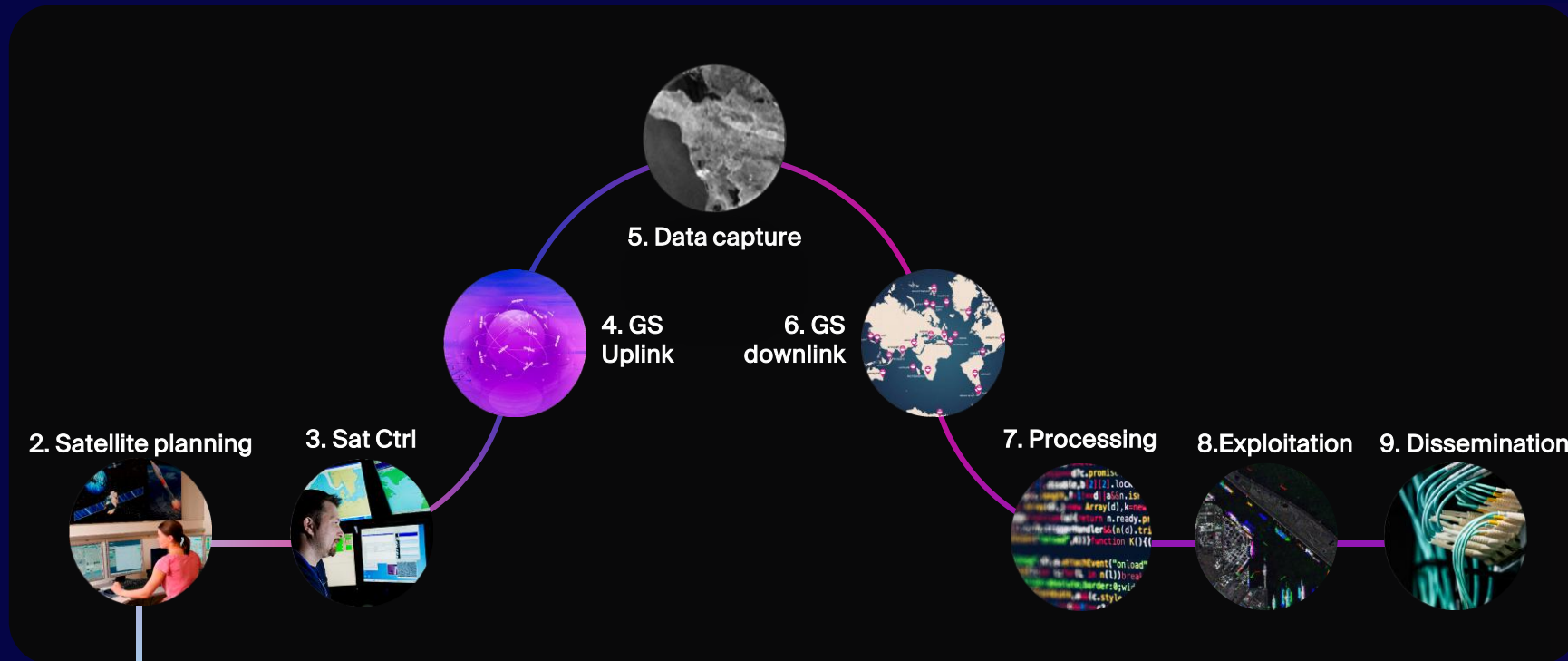
Satellite: 4 000 000 SQKM/hour

Fraction of the cost

Emissions free



KSAT MAKES THE SPACE DOMAIN EASILY ACCESSIBLE



TASKING TIME
From 2h

DELIVERY TIME
From 15 min

OIL PRODUCT

> 30 years

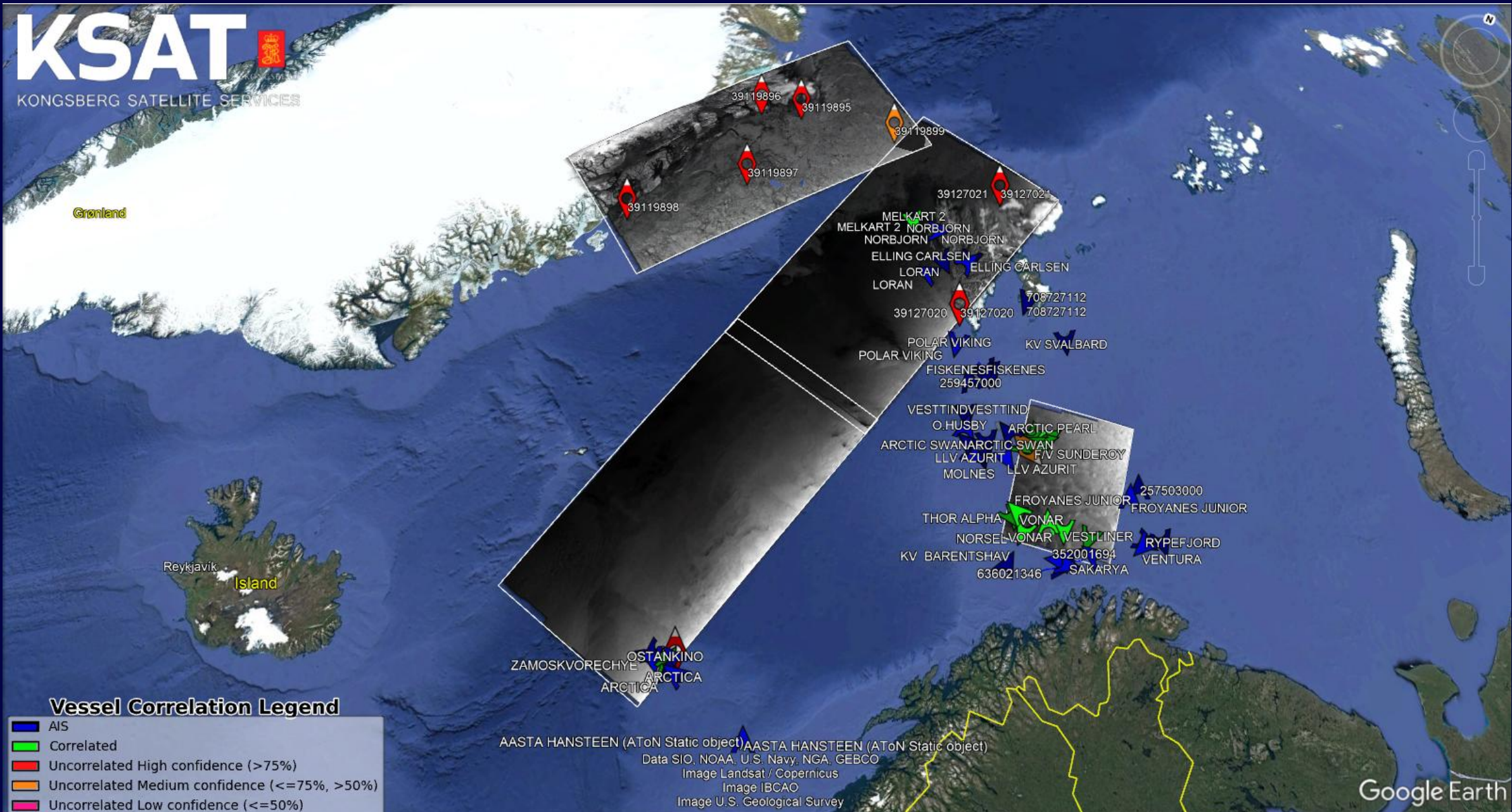
Global coverage

> 20 000 detections per year

SAR & Optical

Near real time < 2 hours





Vessel Correlation Legend

- AIS
- Correlated
- Uncorrelated High confidence (>75%)
- Uncorrelated Medium confidence (<=75%, >50%)
- Uncorrelated Low confidence (<=50%)

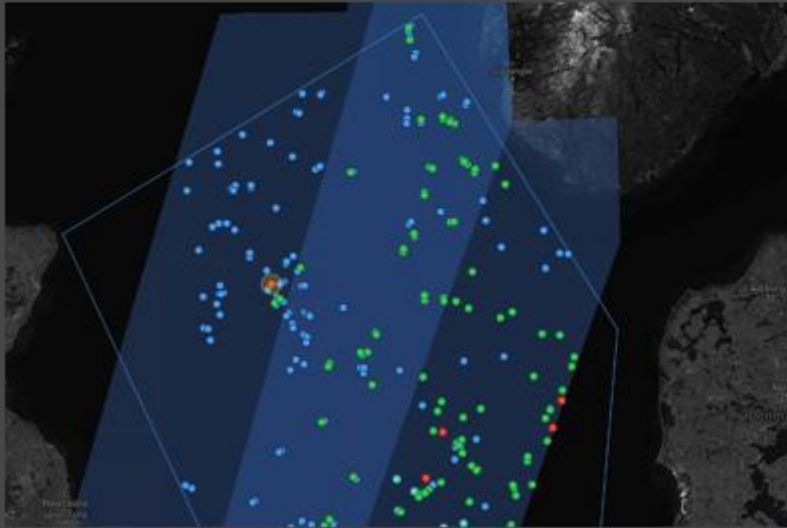
AASTA HANSTEEN (AToN Static object)
 Data SIO, NOAA, U.S. Navy, NGA, GEBCO
 Image Landsat / Copernicus
 Image IBCAO
 Image U.S. Geological Survey

THE VAKE PLATFORM

Makes the Space Domain Easily Accessible

Overwatch

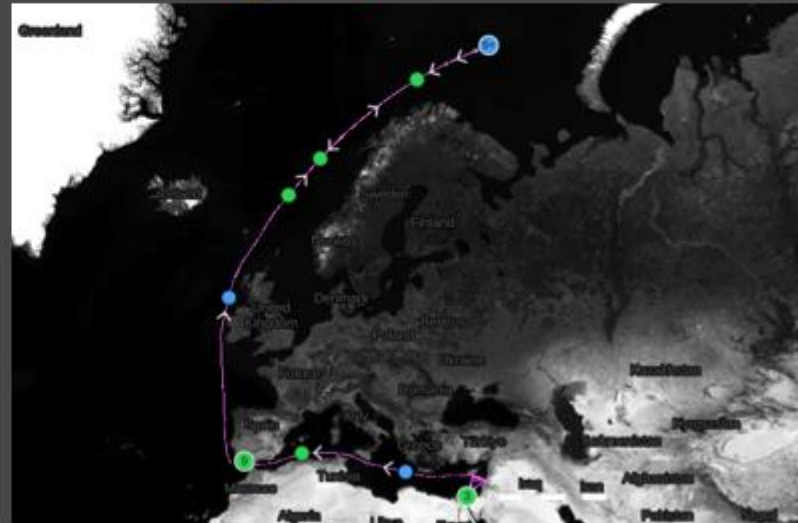
Monitoring of specific Area of Interest



VAKE
POWERED BY KSAT

Pathfinder

Monitoring of specific Vessel of Interest



TASKING TIME

from

2h

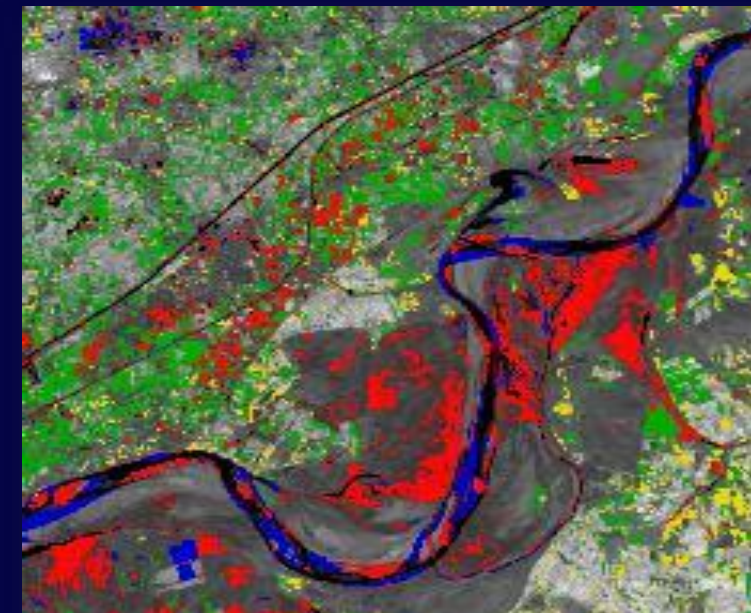
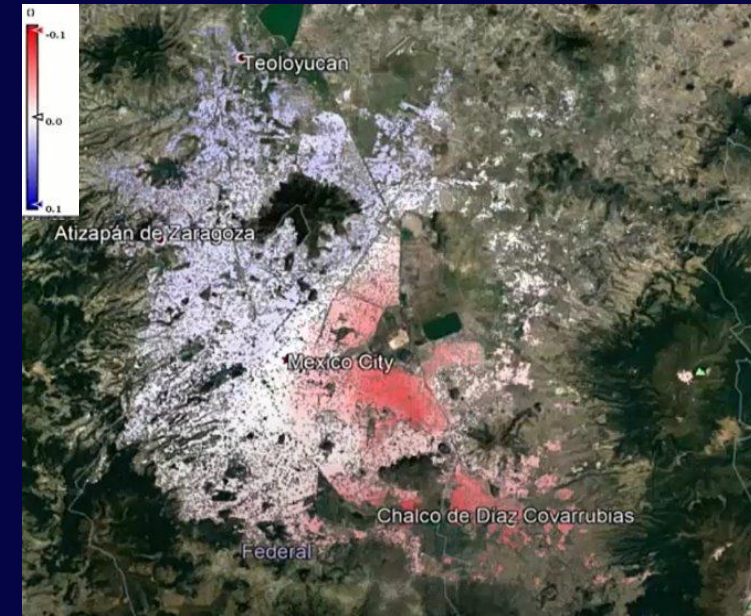
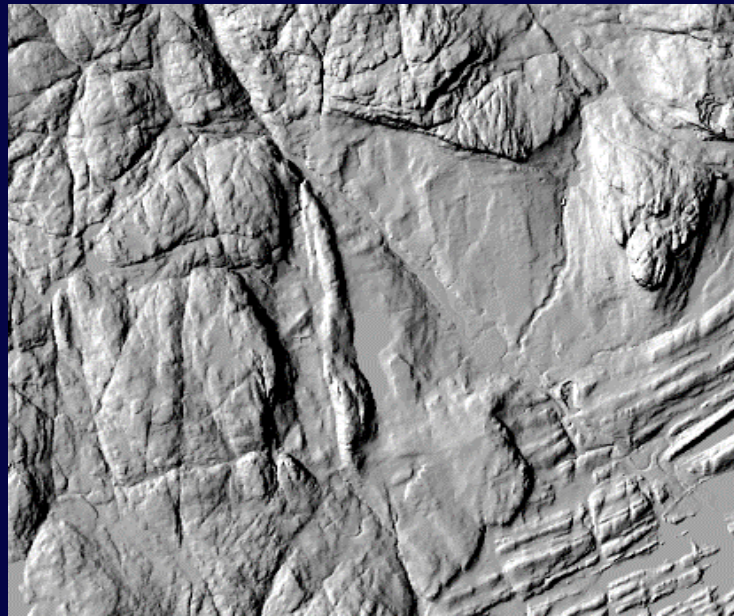
DELIVERY TIME

from

15min

Onshore services and products

- Multi-mission based services for land based monitoring and analysis at a range of spatial scales
- Services include:
 - Emissions monitoring
 - Change detection
 - Ground Motion (InSAR)
 - Terrain Analysis
- Tailored solutions to meet customer needs.
- Cost efficient monitoring over large and small areas and complementary to traditional and on-the-ground solutions
- De-risking and improving decision making



Orbiting KSAT ground stations

Designed to keep customers connected
when and where it's needed

Customer
Satellite

Hyper Satellite

KSAT Ground Station



THANK YOU

