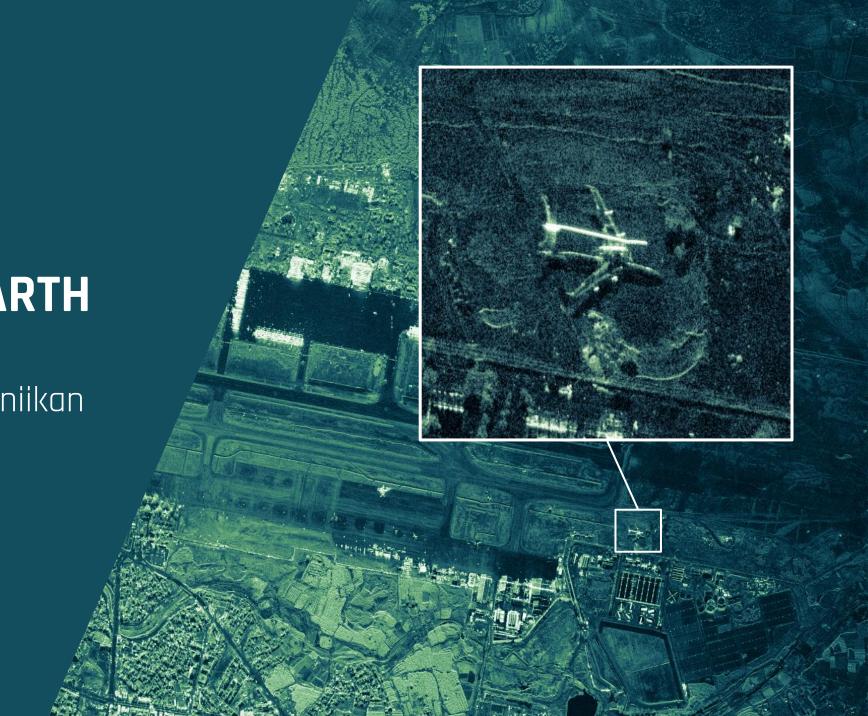
ICEYE

A NEW WAY TO UNDERSTAND EARTH

Tietotekniikan ja elektroniikan seuran ekskursio

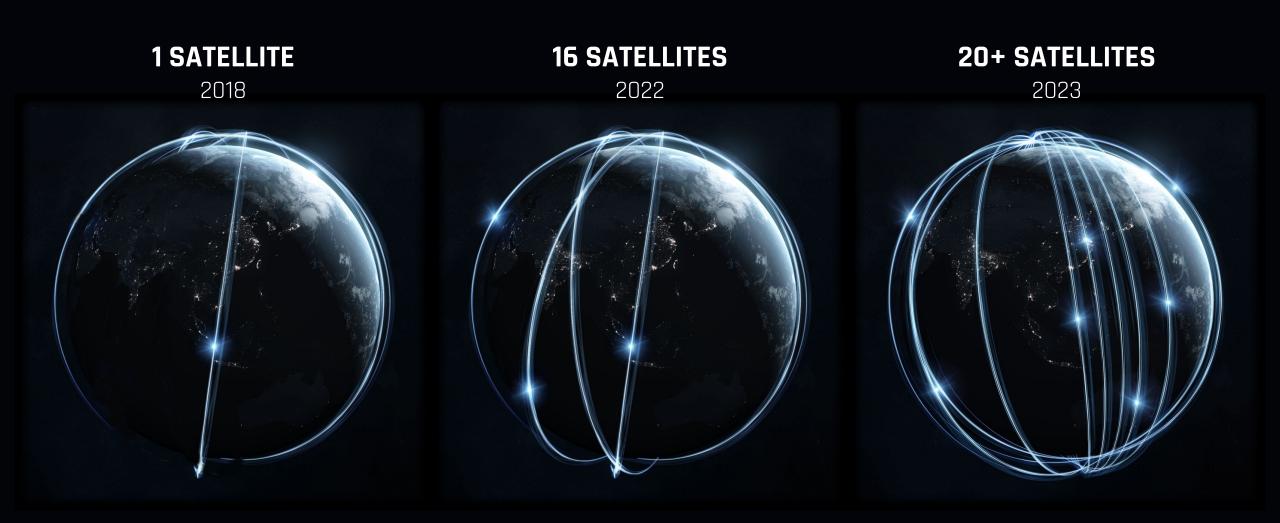
9.5.2023







THE WORLD'S LARGEST SAR SATELLITE CONSTELLATION



= 0

U.S. INTERNATIONAL CANADA ESPAÑOL 中文

PLAY THE CROSSWORD

Account ~

Saturday, July 17, 2021 Today's Paper

The New York Times

27°C 27° 16°

World U.S. Politics N.Y. Business Opinion Tech Science Health Sports Arts Books Style Food Travel

Magazine T Magazine Real Estate

Floodwaters Ebb in Europe; Death **Toll Nears 160**

- * The figure is expected to rise. Firefighters and soldiers have begun clearing debris and unclogging roads.
- . Extreme downpours like the ones that hit Germany are one of the most visible signs that the climate is changing as a result of global warming.



See the Impact in Satellite Images Towns in multiple countries have been devastated. We used radar technology to look through the clouds at the damage below. Alnars Tiefenth lier, Christoph Koettl and Drew Jordan



These maps show the extent of flooding in Europe's hardest-hit areas.

The Waters Are the Latest Sign of Global Warming

Floods like these had not been seen in perhaps 1,000 years.

In Texas, Top Two Republicans Steer Ship of State Hard to the Right

Different in style and background, Gov. Greg Abbott and Lt. Gov. Dan Patrick have come together to push an uncompromising conservative agenda.

Democrats See Edge in Early Senate Map as Trump Casts Big Shadow

Early fund-raising has given Democrats cause for optimism in key states as Republicans split over how closely to align with Donald Trump's preferences.

Forty-seven percent of Republicans said they weren't likely to get vaccinated, a recent poll has found.

Opinion

KARA SWISHER

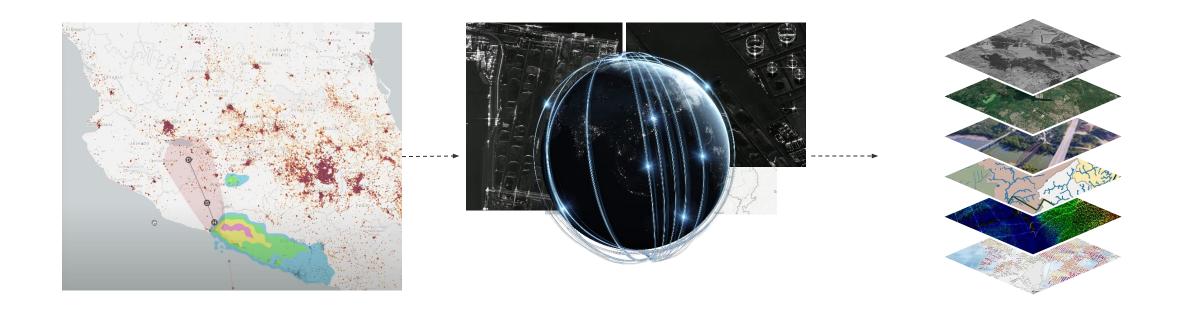
'They're Killing People'? Biden Isn't Quite Right, but He's Not Wrong.



ANUPAM B. JENA

The Covid Birthday

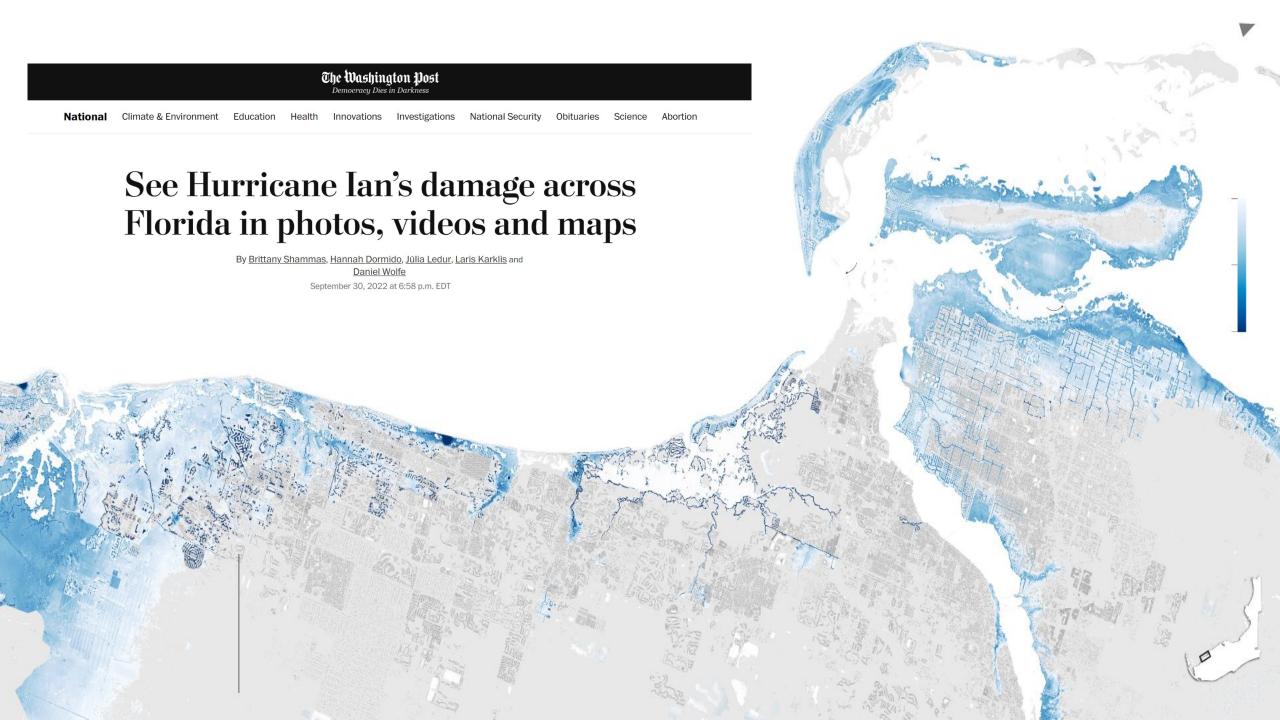




MODELING & PREDICTION

REAL-TIME OBSERVATION

DETECTION & INSIGHT



ICEYE as Global Digital Infrastructure

Objective Real-time Available, Reliable, Resilient

INFORMATION to enable new world of applications

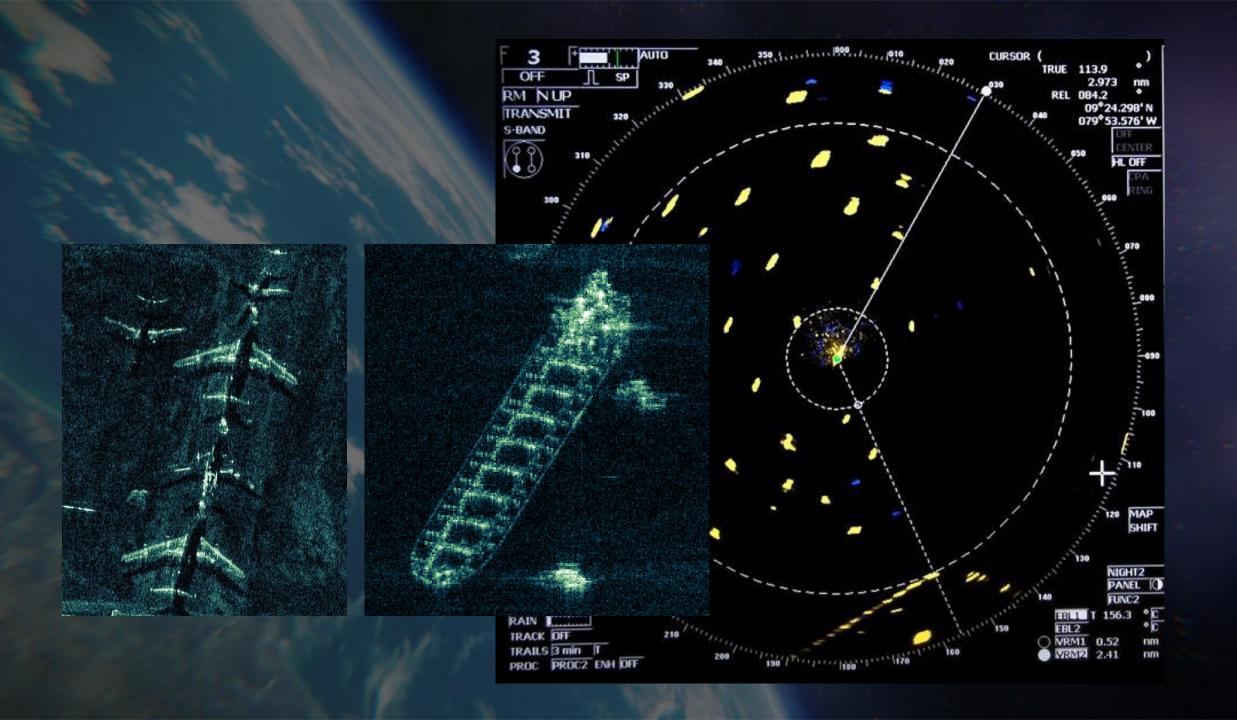
TRUE SITUATIONAL AWARENESS ENABLES SAFE AND EFFICIENT OPERATIONS

TRUST ENABLES MARKETS

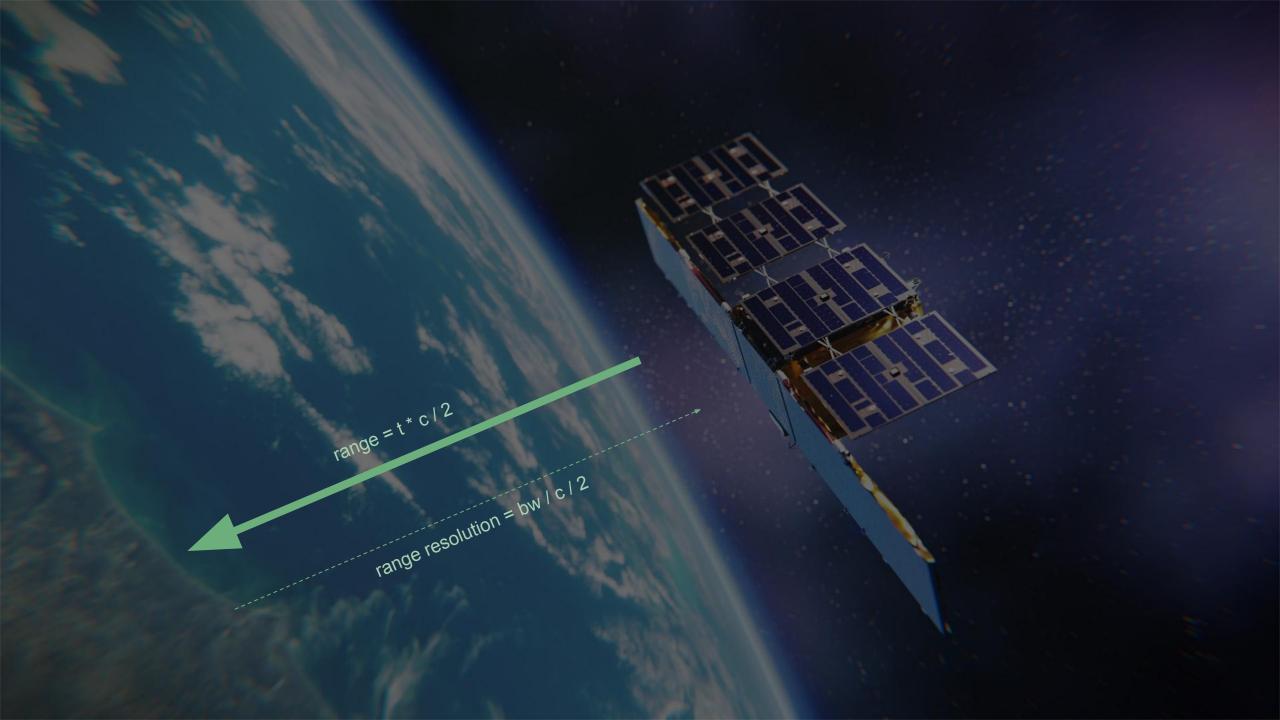
TRUST ENABLES AGREEMENTS ON GLOBAL SCALE

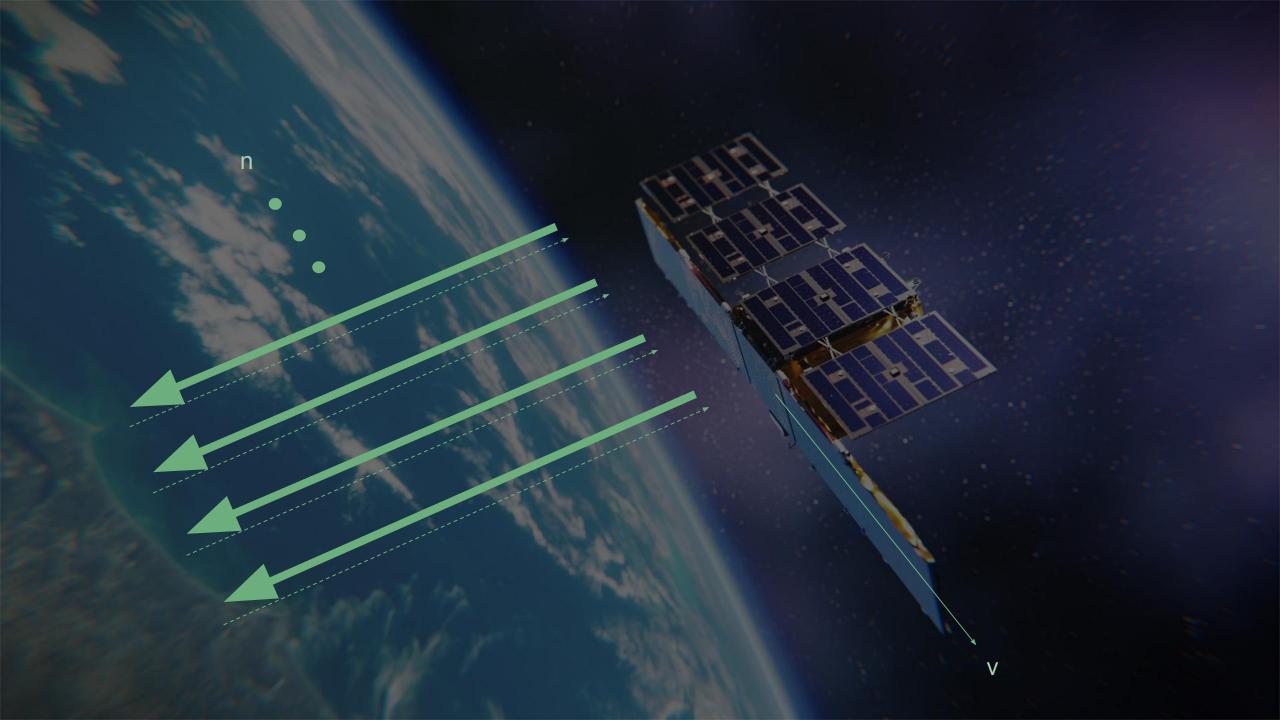




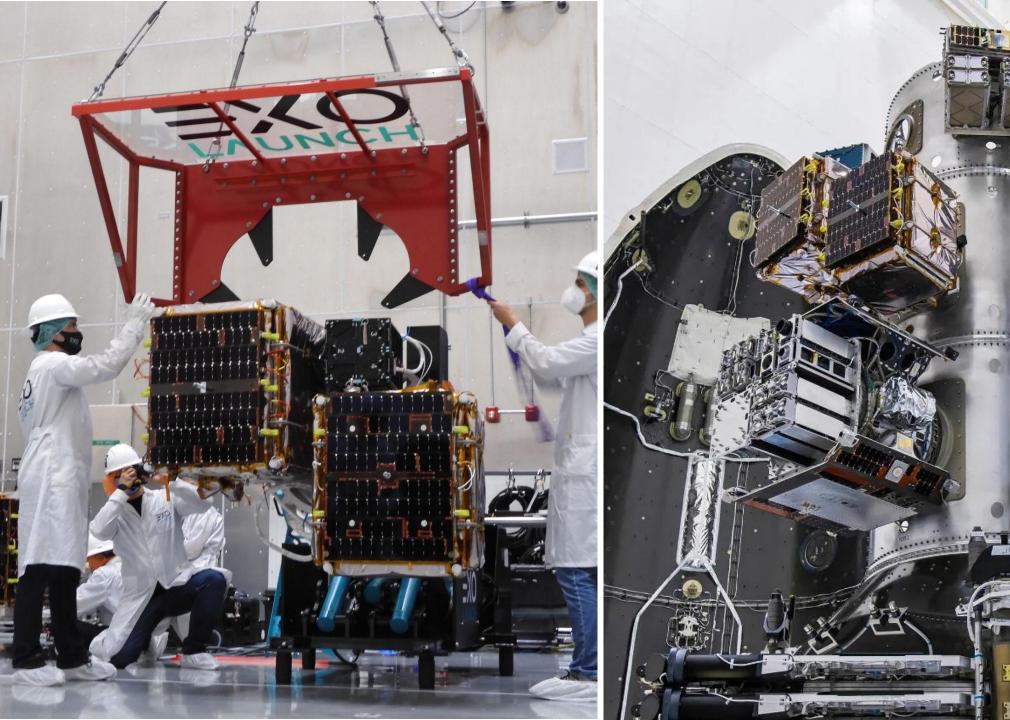


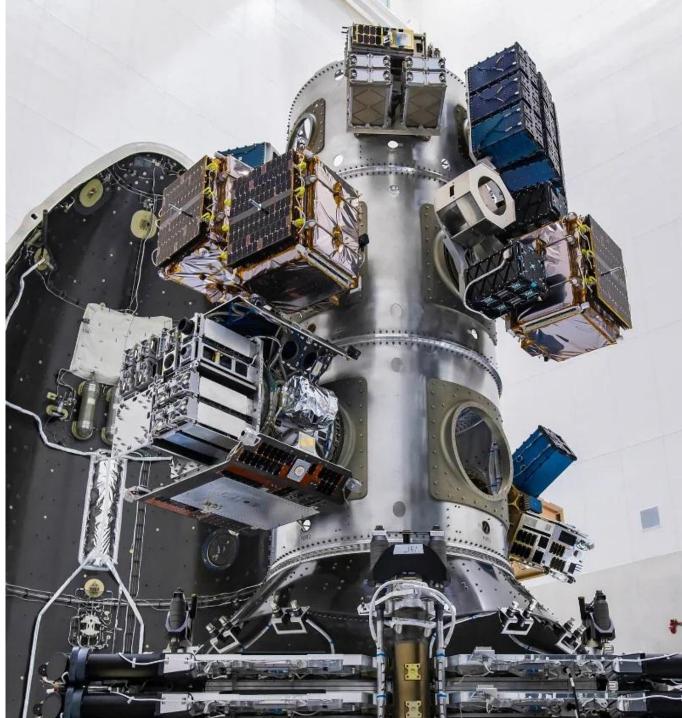


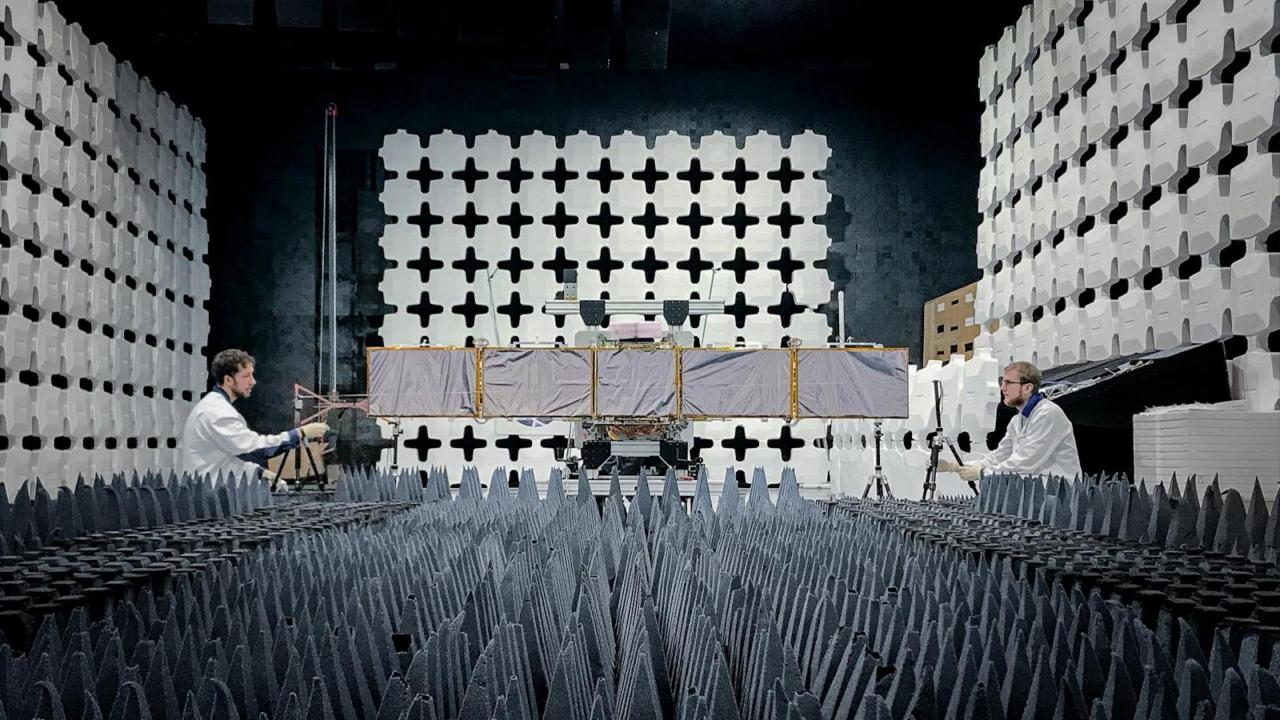


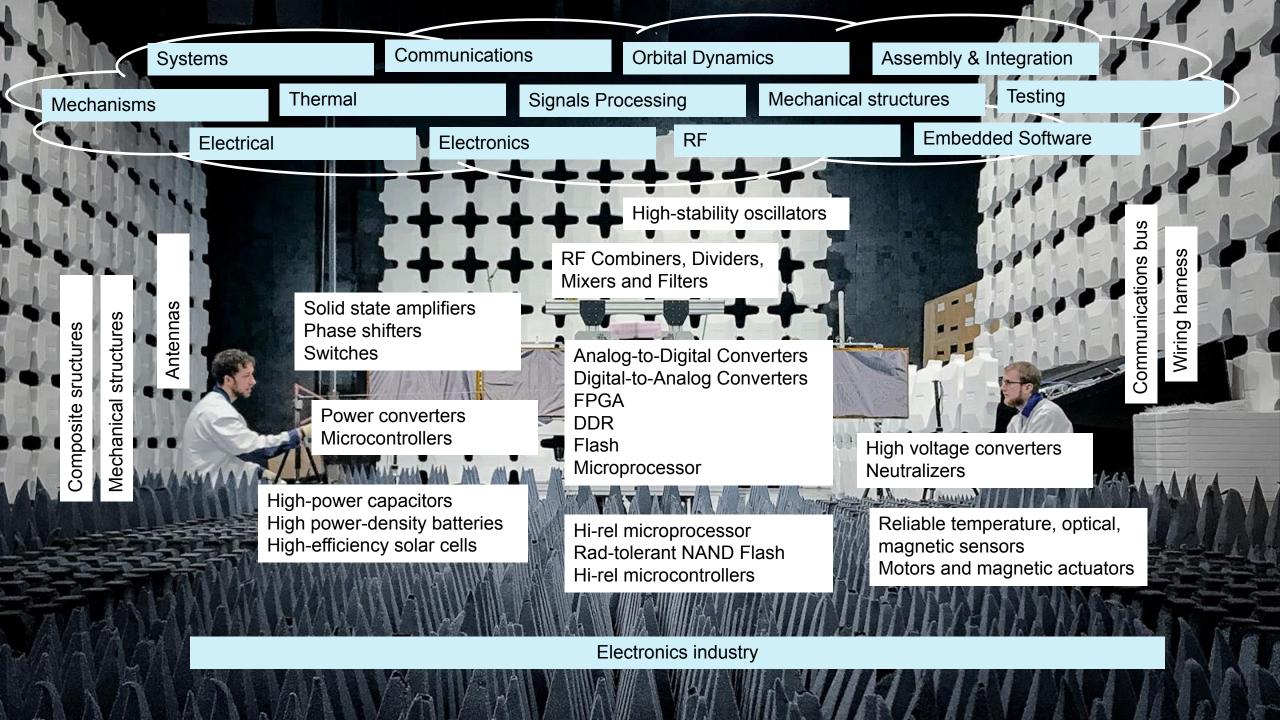








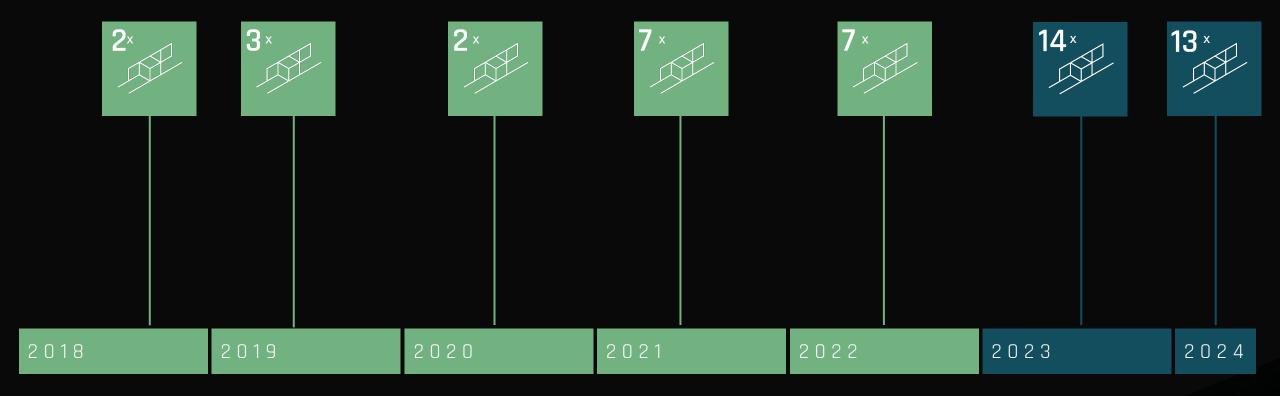






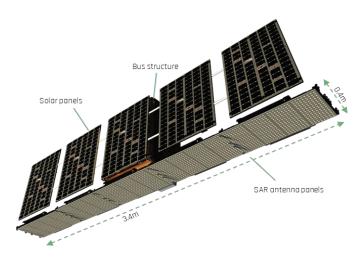
26 SATELLITES LAUNCHED SINCE 2018

ICEYE CONSTELLATION AND DEDICATED CUSTOMERS



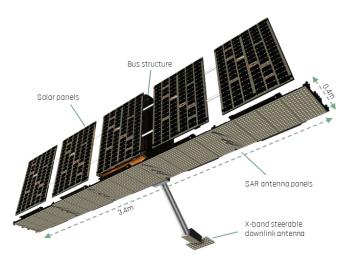
ICEYE SATELLITE TECHNOLOGY ROADMAP

Generation 2



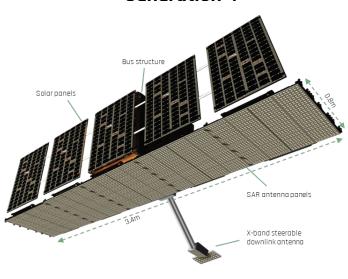
Key capabilities: 5 solar panels, 20 radar antenna panels with 299 MHz bandwidth and up to 500 Mbps X-band downlink

Generation 3

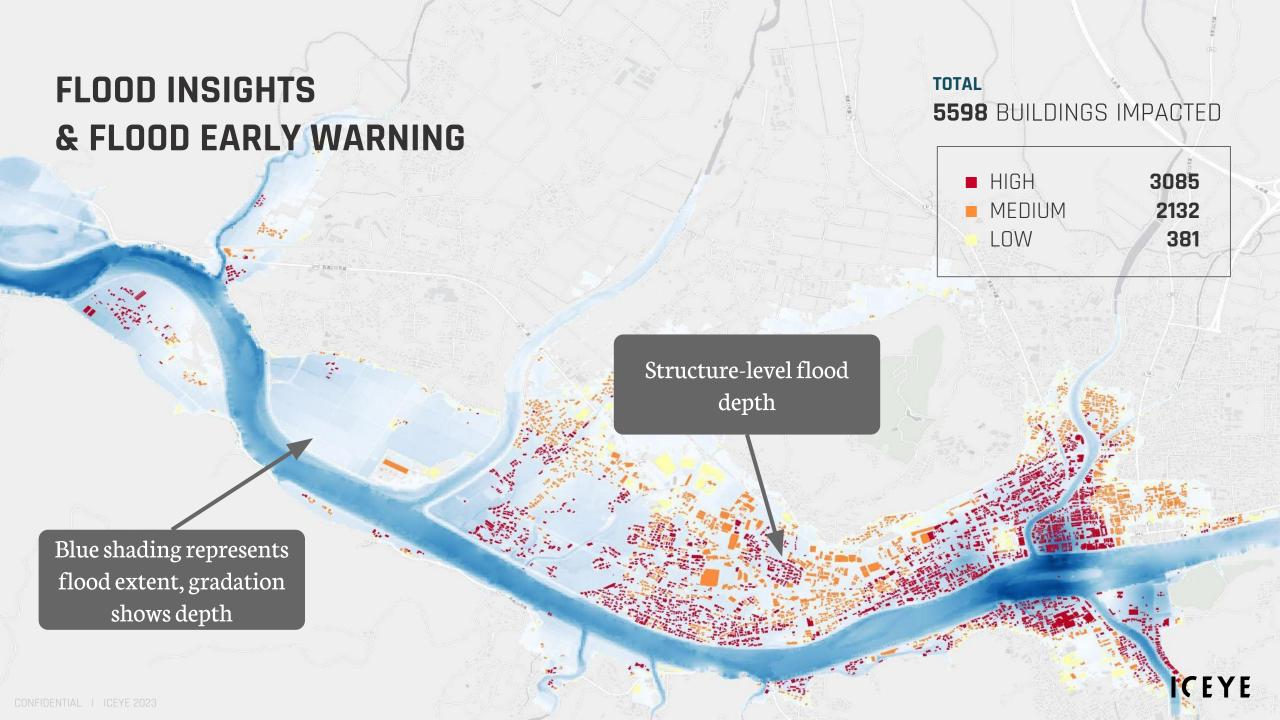


Key capabilities: 600 Mhz radar bandwidth & steerable downlink antenna for simultaneous imaging and downlink

Generation 4



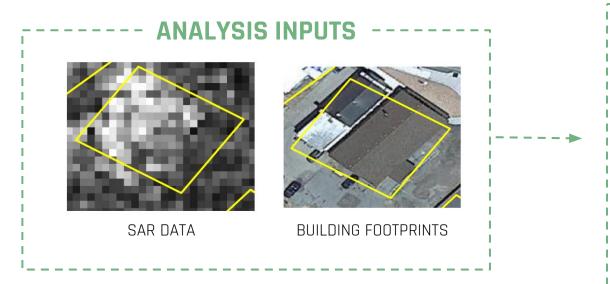
Key capabilities: Double-wide SAR antenna including 40 radar panels and 1200 MHz radar bandwidth

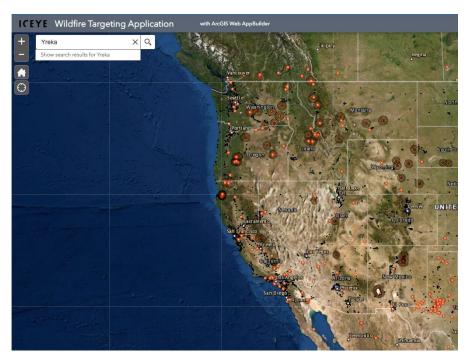


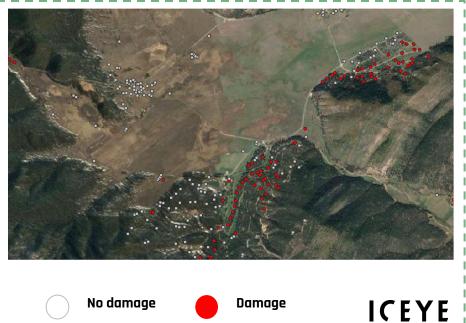
WILDFIRE MONITORING & BUILDING DAMAGE ASSESSMENT

NUMBER AND LOCATION OF IMPACTED BUILDINGS

- --> Vector format
- --> Binary classification
- --> Delivery target < 24h
- --> US geography, <u>Onboarding EU</u>

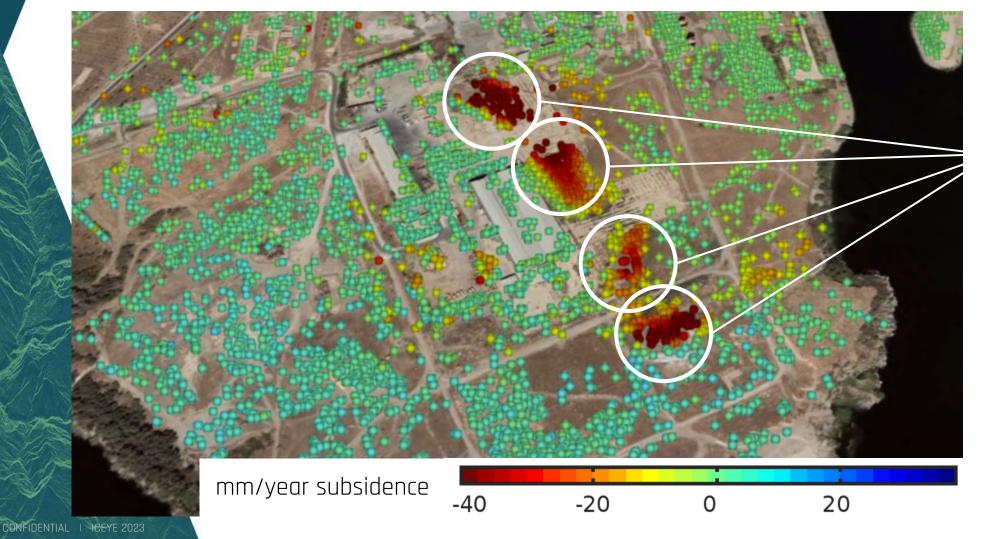






INFRASTRUCTURE INTEGRITY MONITORING

Mosul Dam - Iraq



Red clusters signify areas of subsidence due to sinkholes