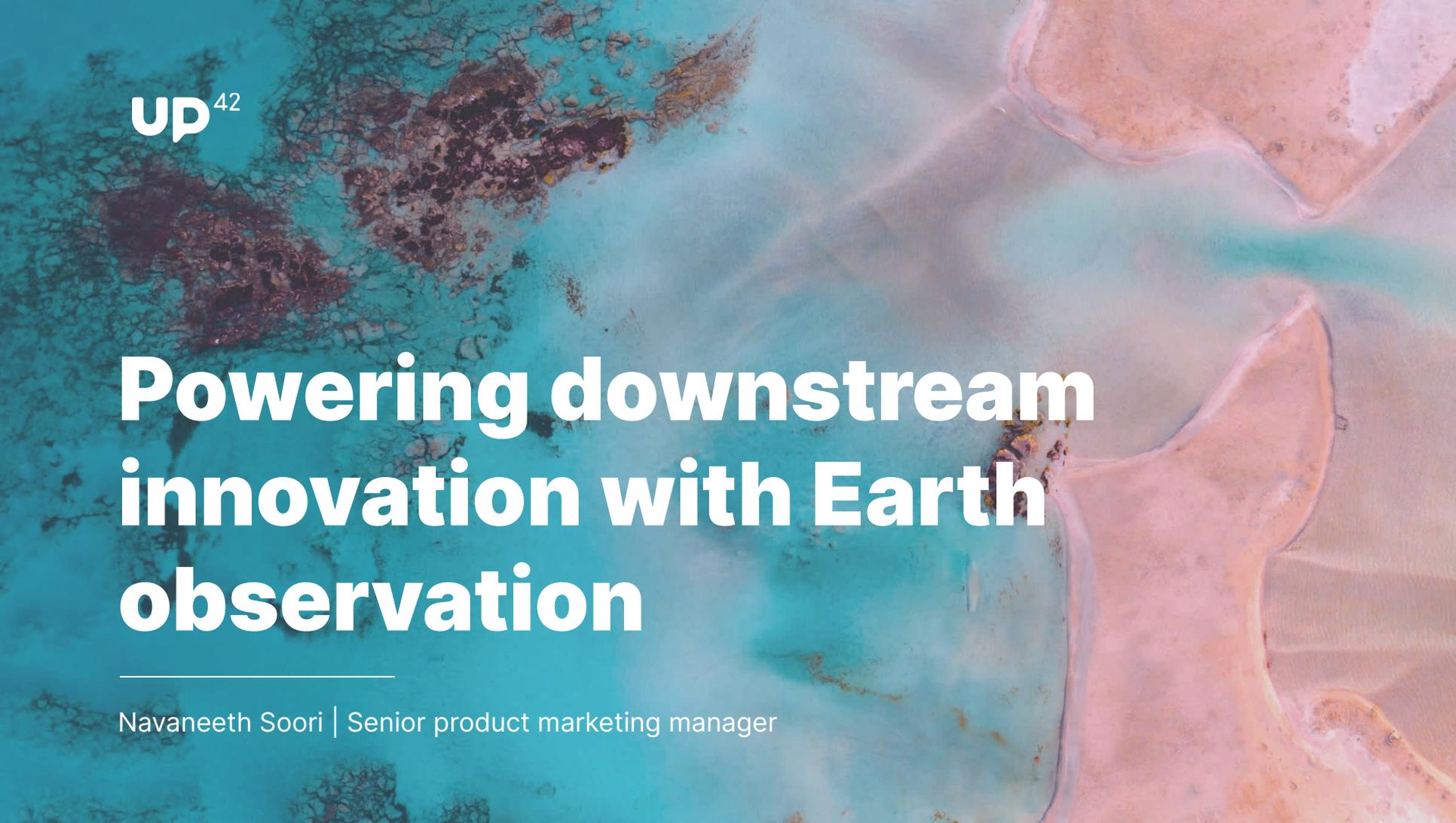




GWFF

GEOSPATIAL WORLD FORUM

[CLICK TO KNOW MORE](#)

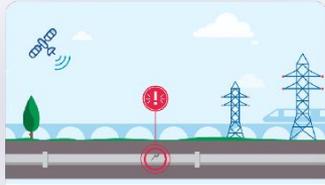
An aerial photograph of a coastal region. The left side shows turquoise water with dark, rocky or coral formations. The right side shows a large, light brown, sandy or muddy area, possibly a beach or a large field, with some faint grid lines. The overall scene is a mix of natural and possibly developed land.

UP⁴²

Powering downstream innovation with Earth observation

Navaneeth Soori | Senior product marketing manager

Urgent need for downstream applications



Why does space matter in the safety and security of critical infrastructures?

SOURCE
<https://business.nasa.int/news/safety-and-security-critical-infrastructures>



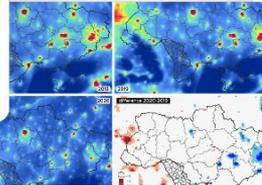
Tackling deforestation in India: Why you need satellite data

SOURCE
<https://up42.com/blog/tackling-deforestation-in-india-why-you-need-satellite-data>



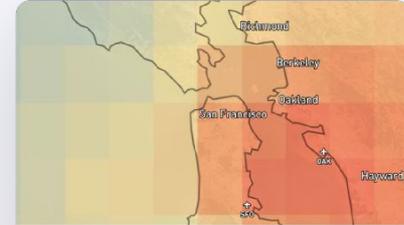
NASA shared high-resolution satellite images of California's Camp wildfire

SOURCE
<https://www.dpreview.com/news/1345517241/nasa-shares-high-resolution-satellite-images-of-california-s-camp-wildfire>



Satellites see the pollution you can't, and can help us solve the problem

SOURCE
<https://www.undp.org/eurasia/stories/satellites-see-pollution-you-cant-and-can-help-us-solve-problem>



Seeing the COVID-19 Pandemic from space

SOURCE
<https://www.nasa.gov/missions/aura/seeing-the-covid-19-pandemic-from-space/>



Earth observation data and the fight for global food security

SOURCE
<https://up42.com/blog/earth-observation-data-and-the-fight-for-global-food-security>

The boom in satellite **Earth** **observation capabilities**



Satellite size & production costs

are decreasing



223 launches in 2023

8,277 satellites in orbit,
1,052 for EO



Boom in cloud computing

with big data and ML/AI
integrations



AI-based geospatial analytics

transforming how we
derive insights



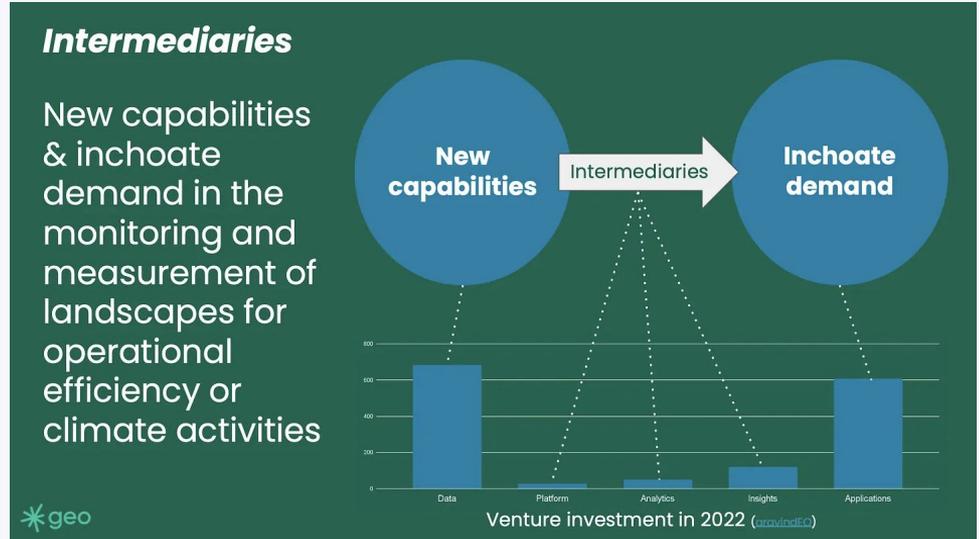
Increase in geospatial platform plays

addressing a wide range of
applications

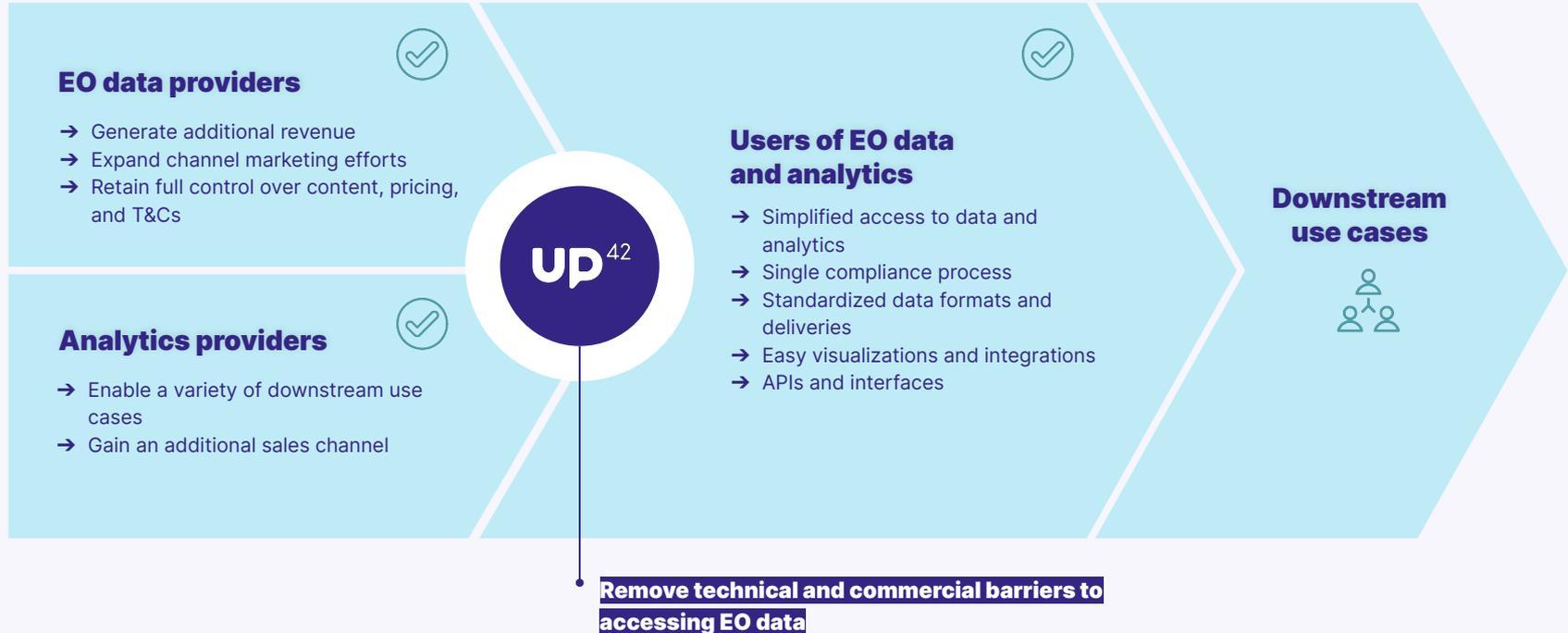
The need for intermediaries

Urgent need to bridge the gap between Earth observation capabilities and downstream applications

“So, we have new capabilities on one side of our market equation, and we have a demand (of sorts) on the other side. But in the middle, our market is missing something; there are few intermediaries.”*



The role of platforms like UP42



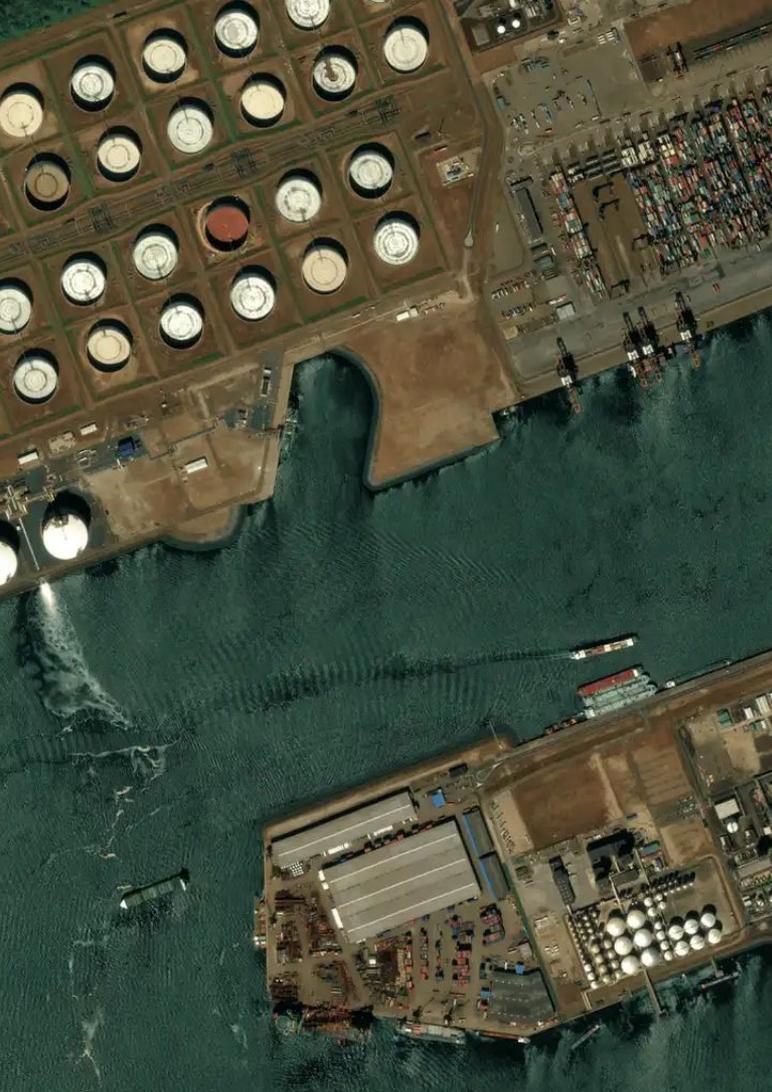
WHAT WE DO

UP42's geospatial platform and marketplace **simplifies data access, streamlines data management,** and **empowers imagery processing** for seamless downstream integrations.



The team

100+ employees from 30+ countries
Headquartered in Berlin



WHOM DO WE HELP

We empower **geospatial teams** and **data/analytics providers** by removing technical and commercial barriers around geospatial data.

We enable teams to get to market faster, while helping partners to scale their revenues.

The UP42 platform offering

DATA SERVICES



Catalog

Order **archive data** from **multiple providers** through a single touchpoint.



Tasking

Place **tasking orders**, get instant **price estimates**, and track order status.



DATA MANAGEMENT SERVICES



Data management

Benefit from **STAC**, **standardized formats**, and easier **integrations**.



PROCESSING SERVICES



Processing

Enhance data and translate it into **actionable insights**, at **scale**.

VALUE-ADDED SERVICES



Customer success

Receive expert technical support with questions or coding.

Platform services

Core platform services to enable product offerings



Account management



Compliance automation



Payment services



Documentation hub

Helping you choose among our products and empowering self-service.



Interfaces

UP42's access options for customers



Console



API



SDK



Add-ons

Example archive and tasking collections

Optical satellite
starting from 30 cm



Pléiades Neo (Airbus)



Pléiades (Airbus)



EROS C (ISI)



TripleSat (21AT)



Sentinel-2

Optical aerial
starting from 5.5 cm



Vexcel



Hexagon



Getmapping

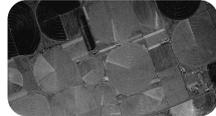


Bluesky

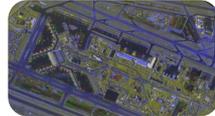


Near Space Labs

SAR
starting from 25 cm



Umbra



TerraSAR-X (Airbus)



Kompsat-5 (SIIS)

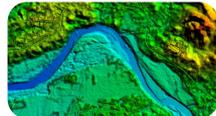


Capella Space

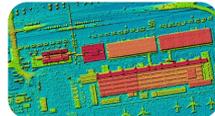


ICEYE

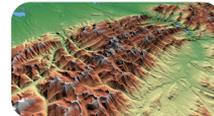
Elevation & Others
starting from 50 cm



NEXTMap (Intermap)



Hexagon



WorldDEM (Airbus)



Forest-2 (OroraTech)



Globhe

We help companies scale

80+

Partners

The top reseller for leading geospatial providers

18k+

Peak of orders/day

The right platform for scaling your business

SOC 2

Type 2 certified

Showcasing our commitment to privacy and security

98%

CSAT score

Exceptional customer satisfaction rating



Join our ecosystem.

sales@up42.com
navaneeth.soori@up42.com