

Supporting communities and science by facilitating the access to Earth Observation Open and Commercial Data

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The boom in satellite Earth observation



8261 satellites in 2022,
4,852 active : ↑ by 11.84% from 2021



1030 for Earth observation
second after Communications



155 launches in 2022
149 successful



70+ countries control EO satellites
with USA, China, Russia, UK, Japan, India,
France, Canada, Germany and Luxembourg dominating

Direct market revenue



Statista Research Department, Mar 23, 2023

Full social-economic impact



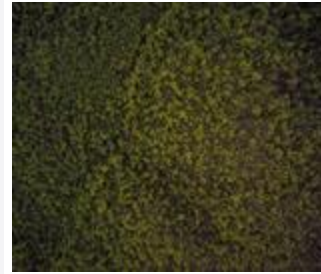
A. Tassa 2019

Revenue and social-economic impact

The socio-economic impact of satellite EO



Supporting evidence-based decision-making in public policy



Climate monitoring and management of climate-related disasters

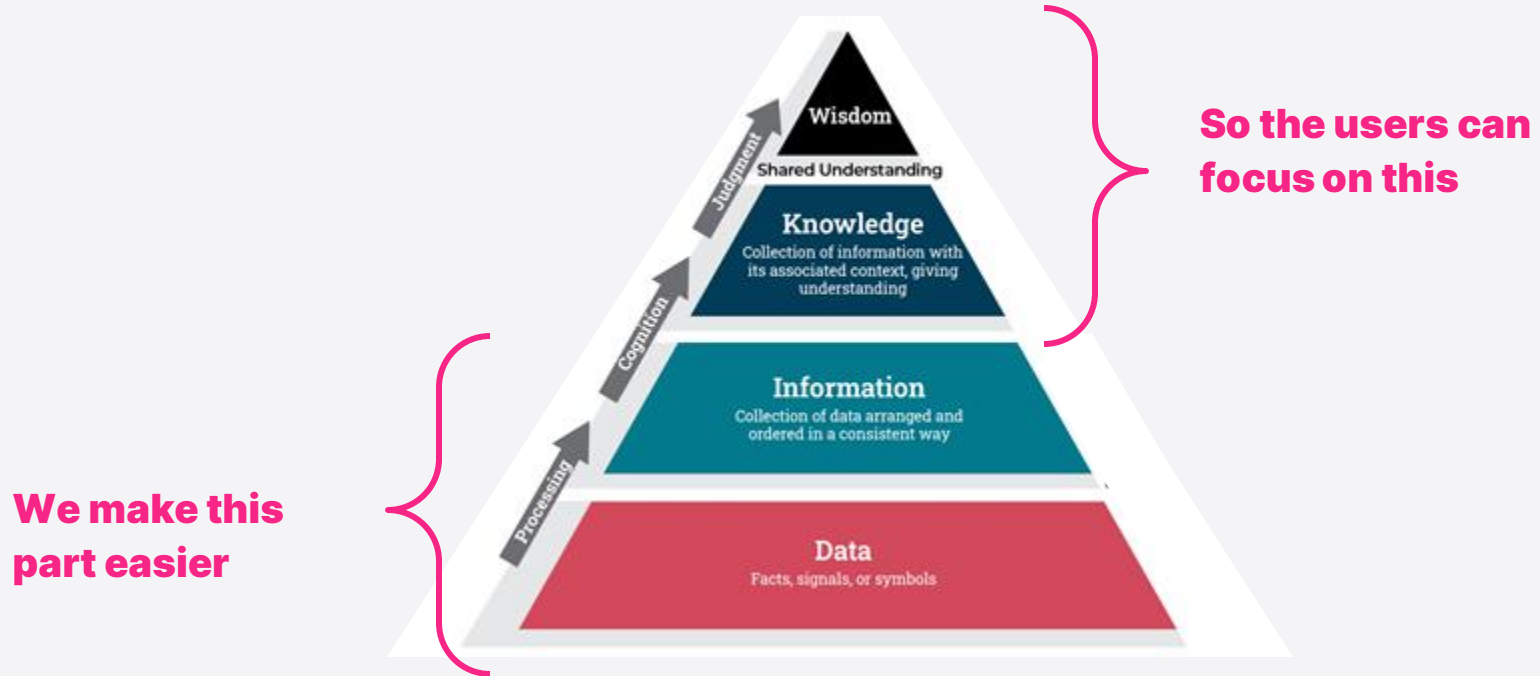


Informing official indicators of Sustainable Development Goals



Addressing deforestation, food security, and natural disasters

Helping users move from data to wisdom



What is UP42?

A developer platform and marketplace to derive insights from geospatial data at scale



The team:

100+ people

Headquartered in Berlin

Founded & 100% owned by:



Incubated and mentored by:



The UP42 platform offering - our starting point

Data



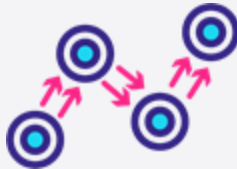
Search through the catalog



Place and manage orders



Task satellite providers



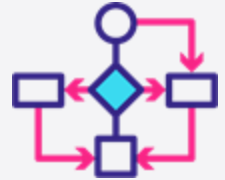
Track & manage tasking orders

Mgmt. & Processing



Upload, download, manage, and process assets in storage

Analytics



Upload custom algorithms, and run workflows to get insights on the analytics platform

Capabilities available via














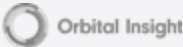





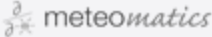






A fast growing ecosystem for AI-driven EO

70+

Marketplace suppliers

170+

Data sources & algorithms

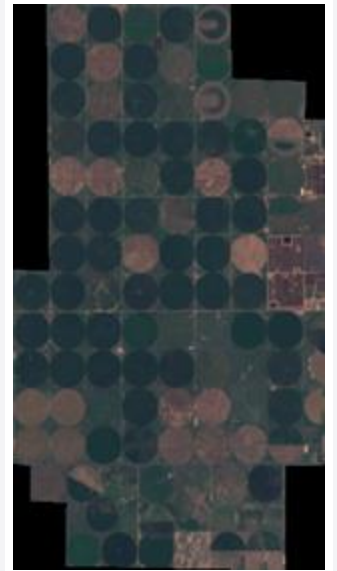
**Some Open
Data sources
available**



Sentinel-2



MODIS



Landsat-8

Supporting research and non-commercial projects through ESA

Providing **up to €5000**
in funding for **your**
geospatial projects

The Network of Resources (NoR) is an ESA initiative sponsoring non-commercial geospatial projects.

- Research
- Educational
- Pre-commercial
- NGO/ NPO

Completing an application in **less than an hour** and getting approval in **less than a week!**

The boom in satellite Earth observation

Second part...



**More Open Data Programs
available in Commercial
Satellite Providers**
I.e. Capella, Digital Globe



**More companies committed to
Open Licenses**
Creative Commons
I.e. Umbra and Wyvern



Space Agencies
Encouraging current Data platforms
to facilitate access.



**More communities taking advantage of the
knowledge**

Thanks!

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up⁴²

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