KERMAP

your Earth Intelligence

5 years
20 people

Governmental Institutions • Private sector • Corporate

Ministère de l'Agriculture et de l'Alimentation
Eau de Paris
Nestlé
McCain
CLAAS
Kynetec
Satellite images are valuable data but ...

- Hard to access
- Hard to process
- Hard to analyse
- Hard to display
Satellite images are **valuable data**

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**building solutions is** **slow and expensive**
Satellite data for a changing world

- SaaS Platform
- Products on shelf
- Scalable
- Sovereignty
Technology

Copernicus satellite images
Optical & RADAR

Engine
Clean, correct, analyse

API, display, reporting
Monitoring, analytics, basemaps
Roadmap

From November 2019

Since March 2023

NIMBO is global!
Earth basemaps

- Global
- Updated every months
- Cloud-free
- GIS-ready satellite maps

Natural

Infrared

Radar

Vegetation
Ensemble des aquisitions brutes du satellite Sentinel-2 L2A en mai 2019 en Guyane

© Kermap
Basic monthly synthesis - May 2019

© Kermap
Gap-Filling

- Sentinel-1 SAR based
- Convolutional Network
- No GAN
nimbo

Use-Cases
Wildfires Monitoring

- Post-event monitoring
- Global
- Homogeneous
- Suitable for a single processing chain

GOAL

✔ Continuous monitoring the damage caused by wildfires at the scale of a country or a continent
Coastline monitoring

- Landscapes monitoring
- Evolution of the coastline: coastal erosion, disappearance or positive evolution of mangrove areas, etc.
- Near real-time updates and alerts
- Automatic data upload via Nimbo API

Evolution of the coastline in French Guiana from January 2019 to October 2022
© Kermap - nimbo.earth
Deforestation monitoring

- Monitoring in cloudy areas
- Forestry practices: illegal deforestation, forest degradation, etc.
- Near real-time updates and alerts
- Automatic data upload via Nimbo API

Change detection related to deforestation
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Try it now!

https://nimbo.earth/

Innovation
Exclusive deep-learning process to deliver cloudless images of the Earth every month.

Created by Kemap
Our aim is to facilitate public access to satellite data, while providing new, quick and actionable information for professional use.

Made in France
Nimbo Maps is the first 100% French satellite mapping solution, made and hosted in Rennes, Brittany.