



LEAn

Real-time environmental
monitoring worldwide

Live Earth Analytics

Leveraging Nimbo basemaps for high frequency monitoring

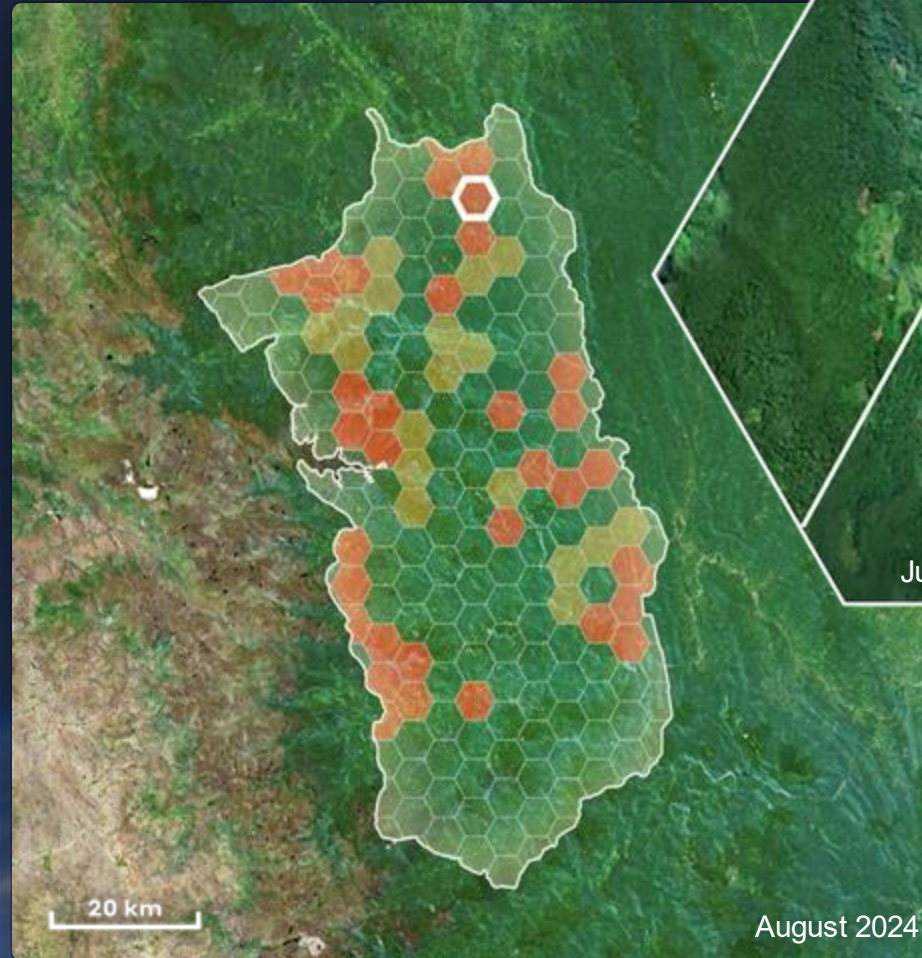


Global forest monitoring

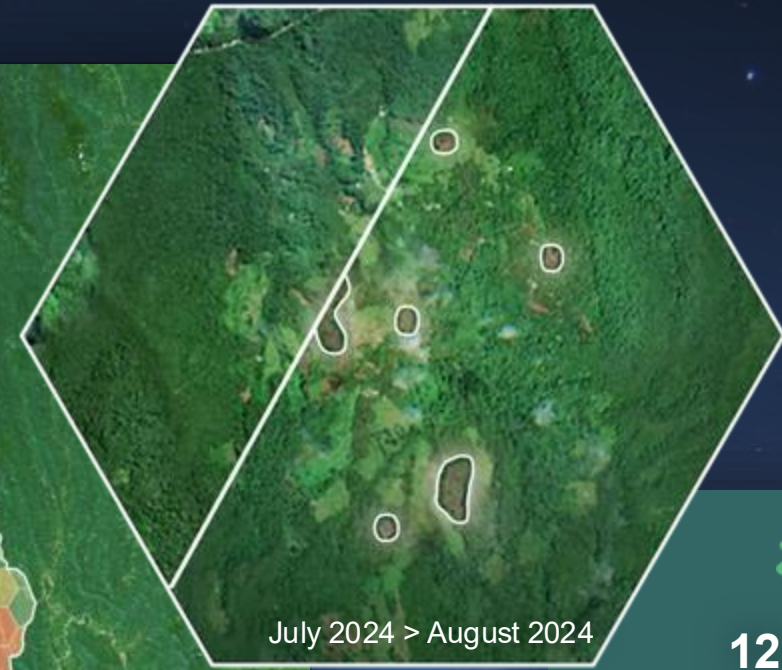
National forest park - Equatorial latitude



Sentinel-2 L2A acquisition
and cleaning



Deep-learning processing




12,3 ha
deforested
over 2 months
on patch

Monthly analysis on
custom range, reporting,
datavisualization, API

Global forest monitoring

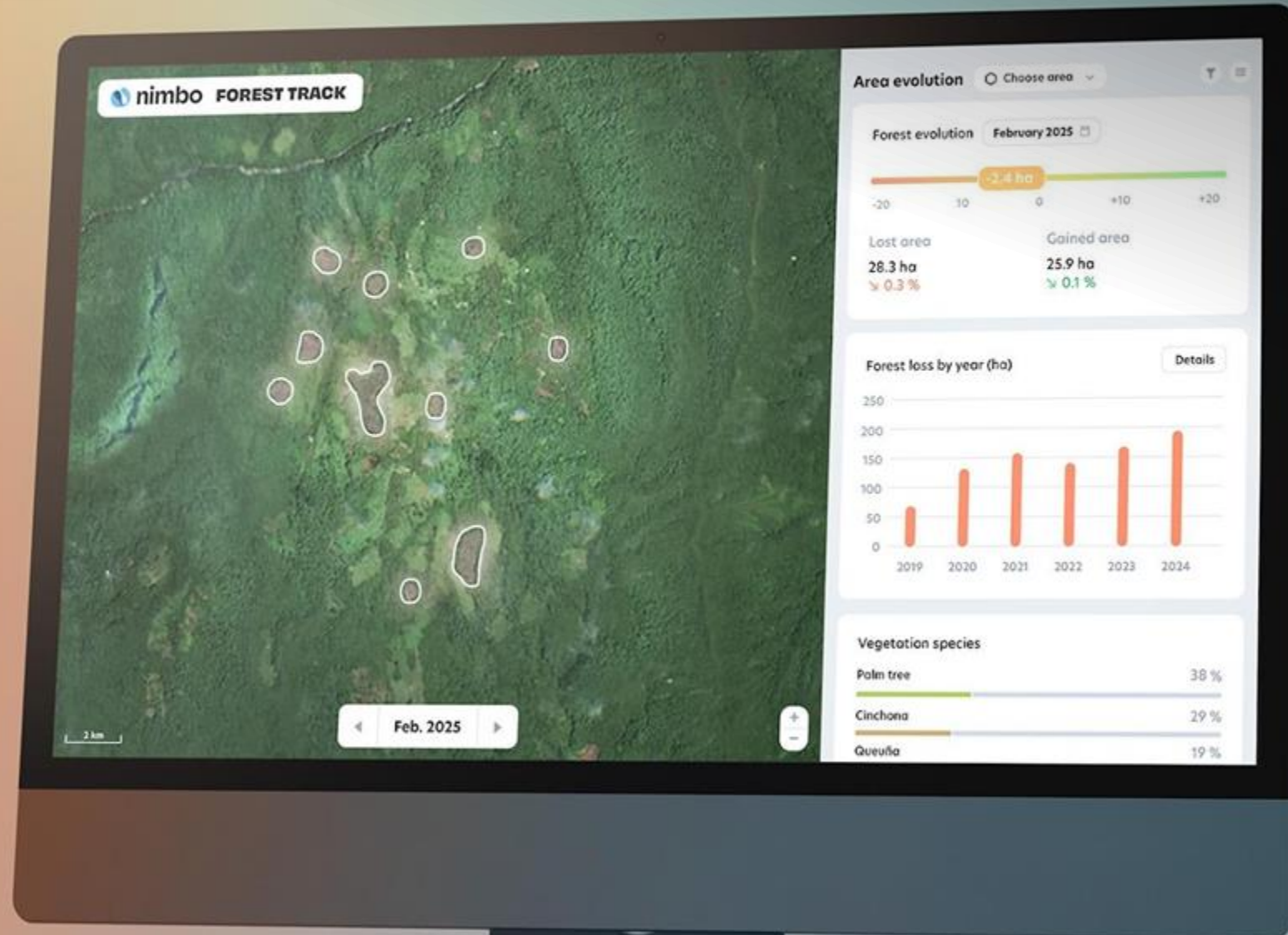
National forest park - Equatorial latitude

Forest analytics

- Area selection
- Month/month surface loss and gain
- Year/year evolution
- Warning systems
- Crop identification

Data delivery

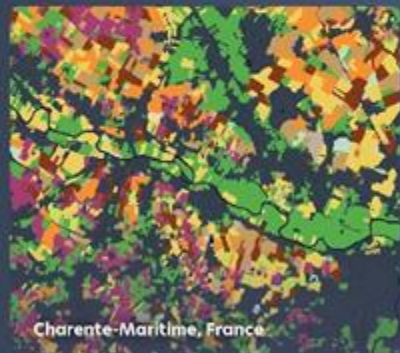
- Built-to-suit dashboards
- API integration



Agriculture indicators

Crop identification

SEASON 2023-2024



Total agricultural area 4430 km² **64%**

Main crops

Grasslands 1174 km² **26%**

Corn 760 km² **17%**

Wheat 730 km² **16%**

Field level indicators

JUNE 2024



Current crop

Corn

Area

3,2 ha

Rotation

**Wheat / Rapeseed /
Corn**

NDVI (vegetation index) evolution over the year



Environmental monitoring

SEASON 2023-2024



Coverage duration

162 days

-132 vs local area



Water management

Irrigated corn

39% of corn is irrigated
in the local area



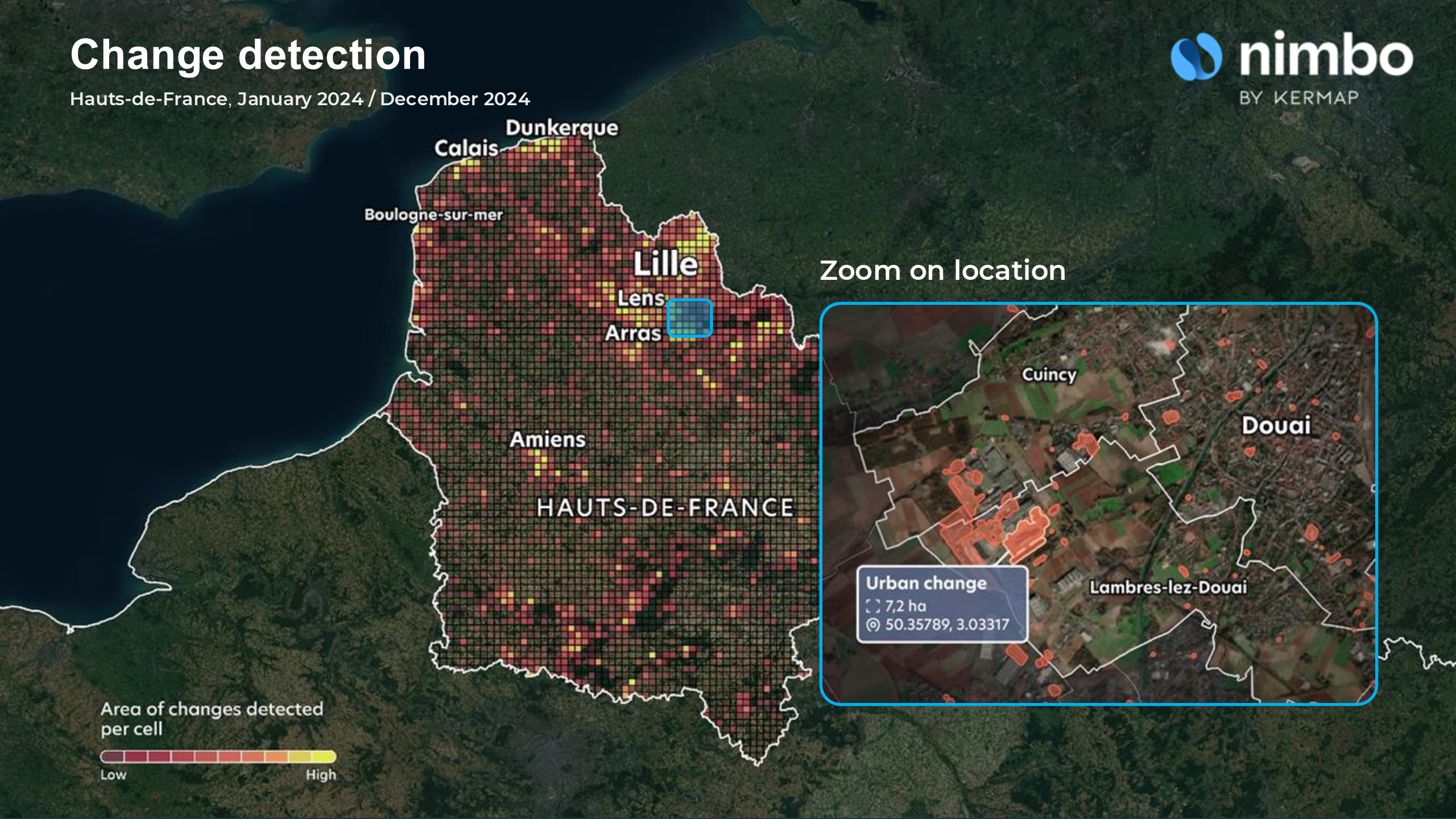
Hedgerows

374 m/l

detected on the farm

Change detection

Hauts-de-France, January 2024 / December 2024



A breakthrough in satellite data access

Sentinel 1 and 2 imagery made easy and intuitive



Nimbo Earth Online Monitoring platform

- Global coverage
- Monthly updates
- Cloud-free, homogenous views
- 4 layers: Natural, Infrared, NDVI, Radar
- Web platform / API
- QGIS plugin

