



STARLING

Reliable, unbiased

**Deforestation: which strategies? Seizing the available tools for the EU
to develop winning strategies to halt deforestation**

11.02.2021

AIRBUS

Addressing the Green imperative calls for a global approach



75% of deforestation globally is linked to agriculture

Commodities are strategic for their economic, societal and environmental impact

Forests play a key role in our ecosystem

**The EU is committed to
address imported
deforestation**

This can be done....

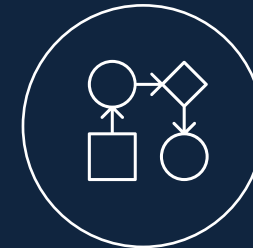
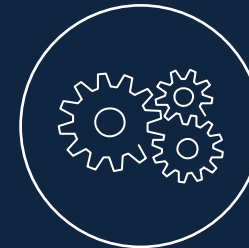
...by leveraging Digital Assets...



Data



Cloud



AI

...and scientific excellence

Monitoring the drivers of forest cover change is not an easy task



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Basemap

7 Million km2 / 20 years
22 countries
500 000+ Images

Monitoring

2 Millions Alerts+
Since 2016
180 000 Images

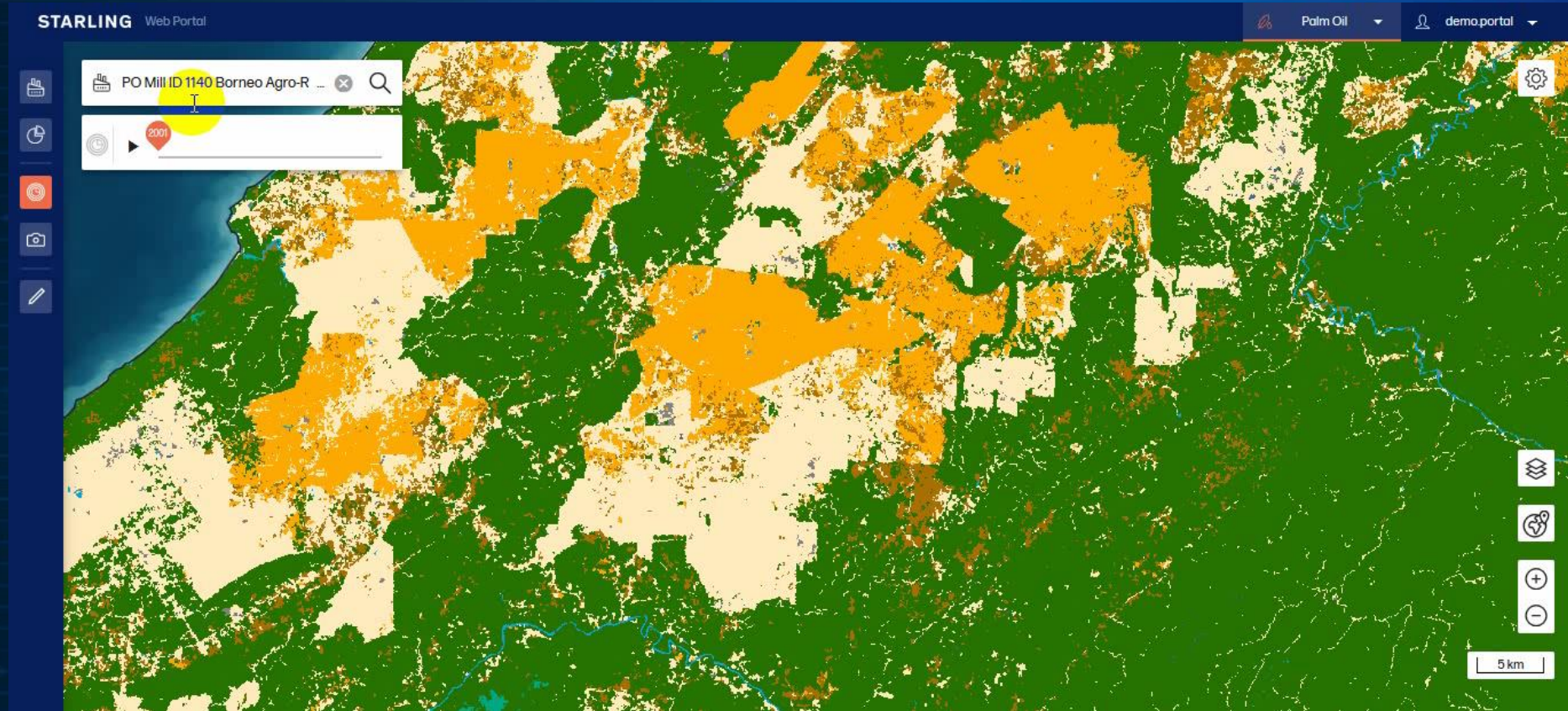
External data layers

2 500 Commodity
specific mills
Thousands of qualified
external data sources

#Basemap



#Times series over 20 years



#Land use classification over the full time series


STARLING Web Portal Palm Oil demo.portal

INTERACTIVE ANALYSIS
Running on: **map view**

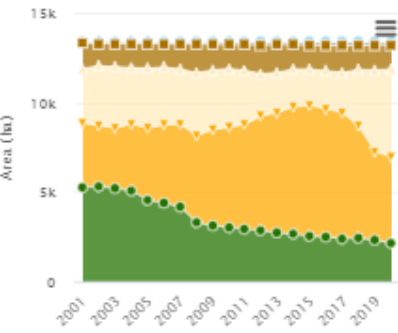
Alerts **Land cover**

PO Mill ID 1140 Borneo Agro-Re... 2016 - Q1 up to 2020 - Q4

Distribution for area (2016)

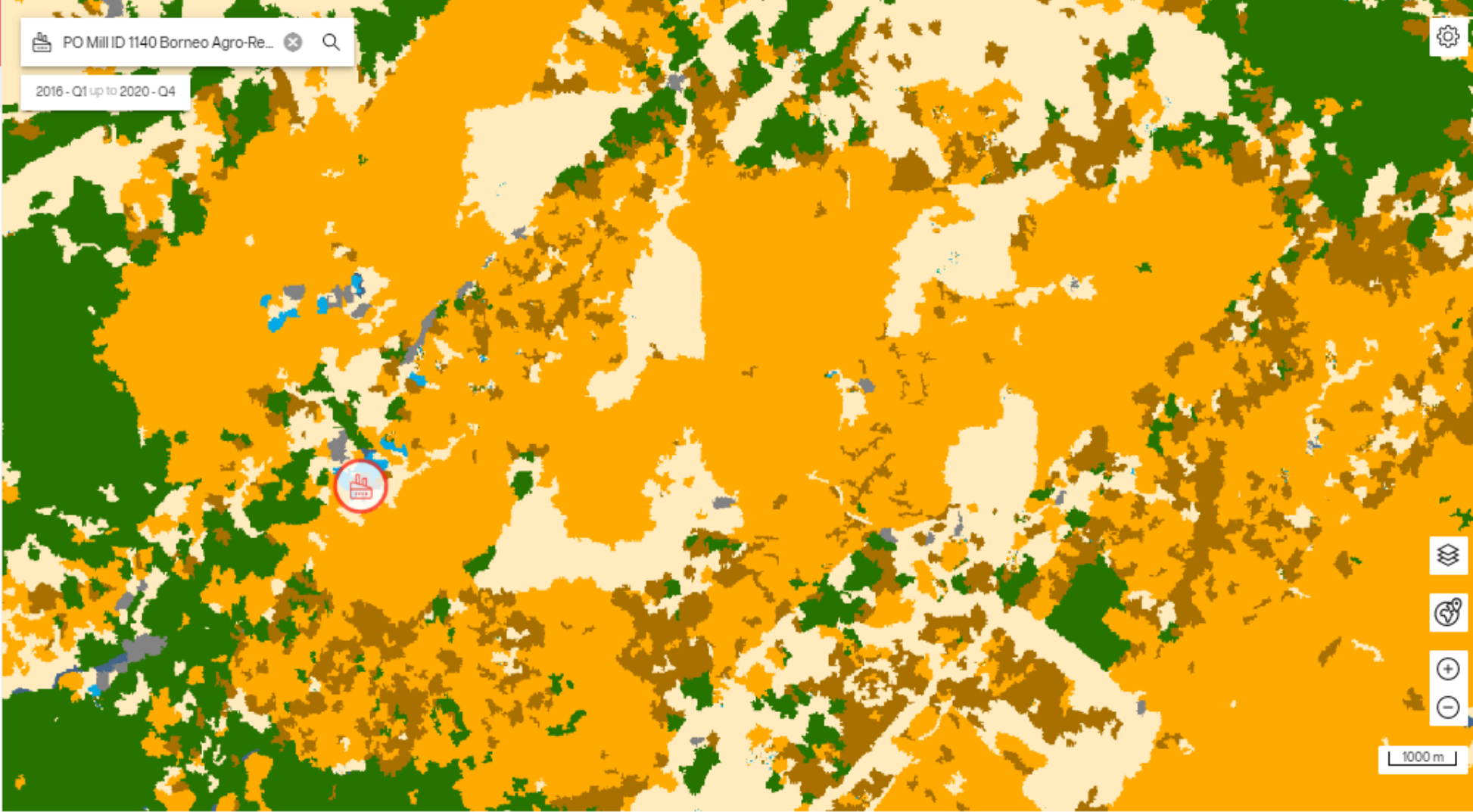


Distribution for area over time



Area (ha)

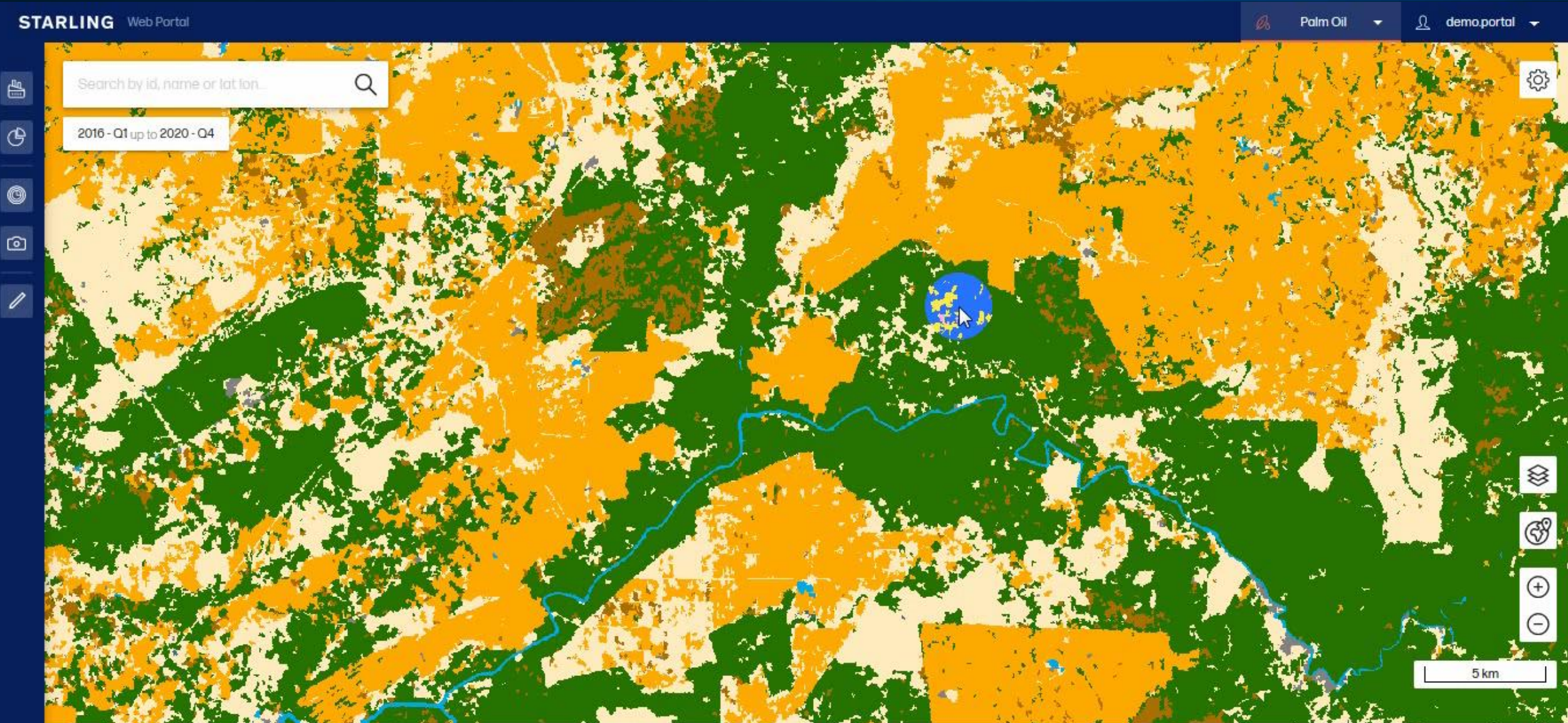
- Water
- Artificial
- Other plantations
- Bare soil, low vegetation and cropland
- Palm oil plantation
- Forest



1000 m

#Alerts in near real time identifying deforestation every quarter

#Correlating deforestation to specific mills & supporting swift action





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Starling offers

- **Scale:** multiple commodities, for local and global action
- **Speed:** the right insight at the right time
- **Simplicity:** in conveying undisputable & reliable facts
- **Support:** for swift action and decision making

To accelerate the EU's sovereign response to address deforestation