

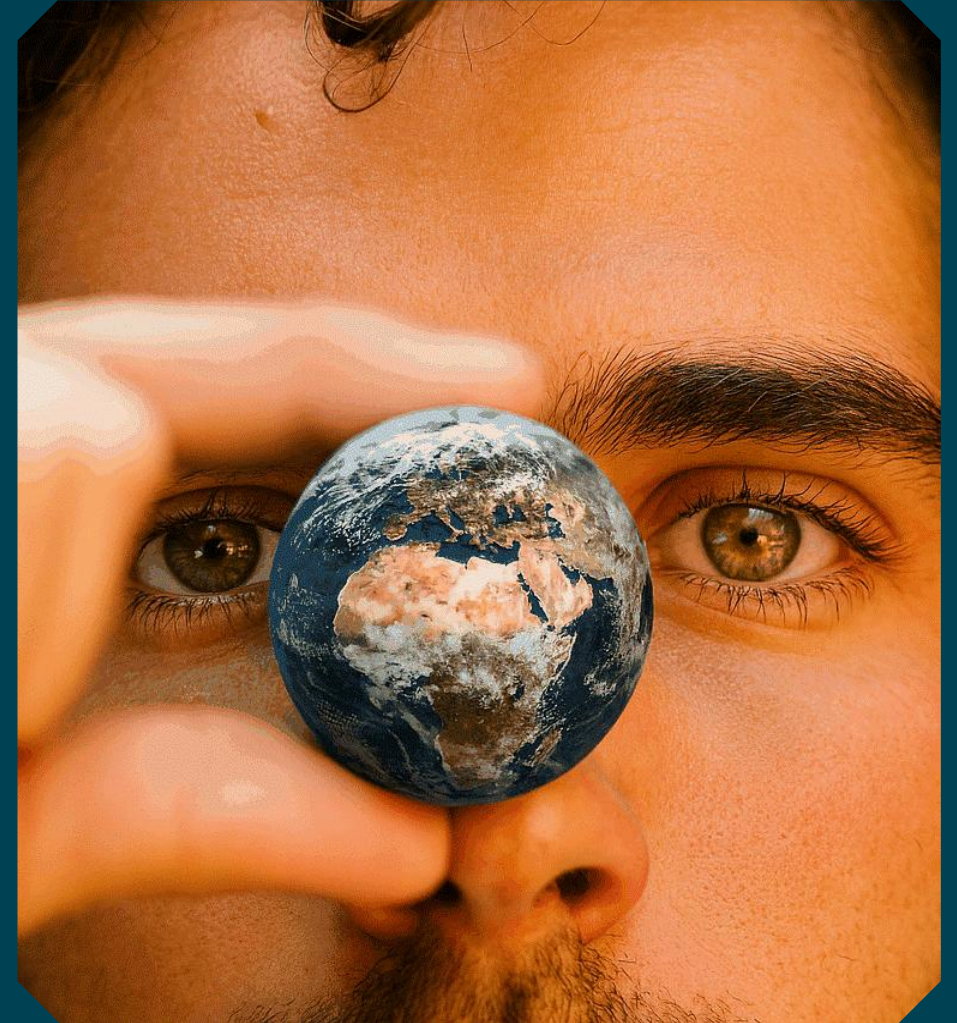
Nuevas Herramientas Geoespaciales para el Soporte a la Gestión de Emergencias

Marino Palacios

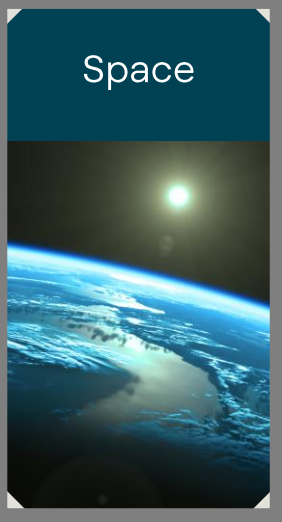
**Taller de Observación de la Tierra
para Emergencias**

AGENCIA ESPACIAL ESPAÑOLA

21/05/2026



Indra Group



Main figures
2025

€5,457 M
in revenues

13%+
from previous period

62,000+
professionals

140+
countries

8.7% of sales
R&D&I investment (€472 M)

Experiencia de Indra

en soporte a la gestión de emergencias con imágenes de satélite

Copernicus Emergency Management Service

Algunas de los usuarios de productos generados por Indra en CEMS

Protecciones civiles



Swedish Civil Defence
and Resilience Agency



PROGRAMME OF THE
EUROPEAN UNION



Regiones



REGIONE AUTÓNOMA
DE SARDIGNA
REGIONE AUTONOMA
DELLA SARDEGNA



Emergency
Management

Organismos internacionales



INTERNATIONAL COMMITTEE
OF THE RED CROSS



European Union
Civil Protection

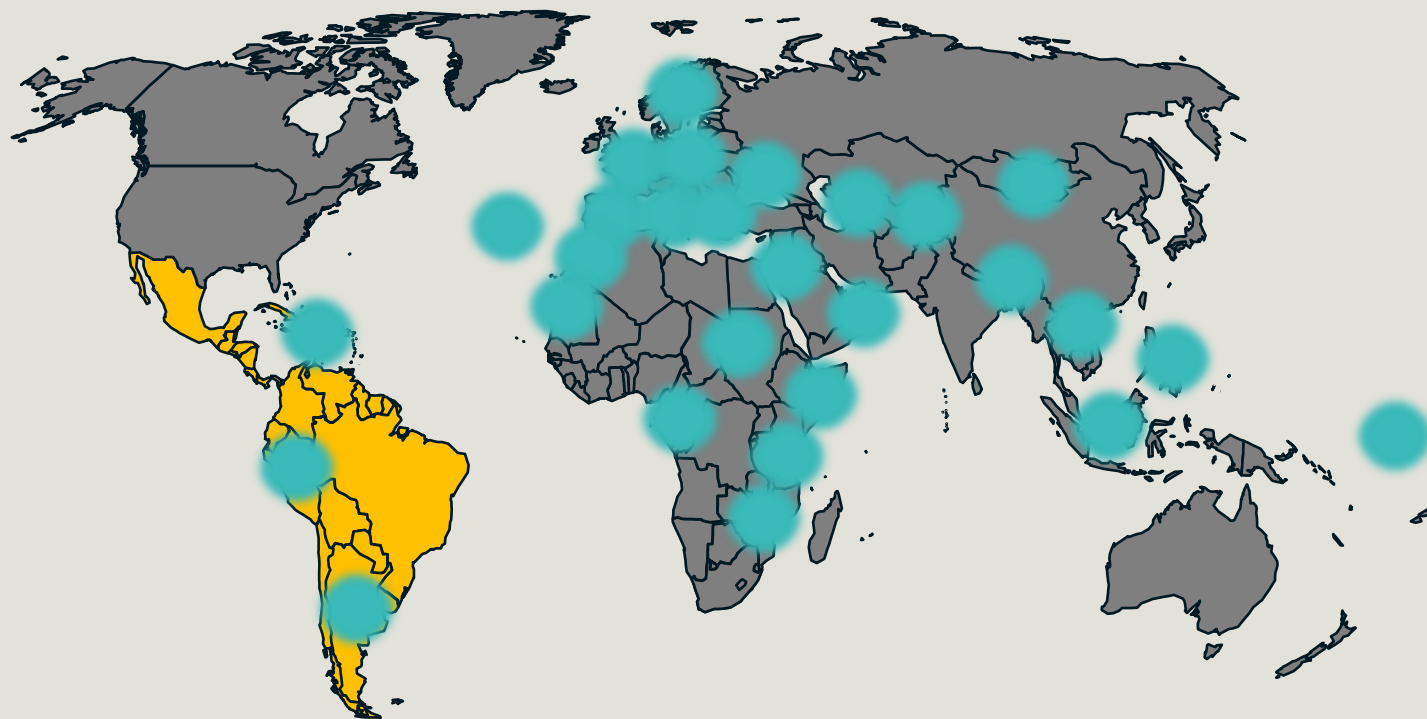
2012

2026

Contrato pre-operacional en 2012
3 contratos marco consecutivos
desde 2015

Experiencia de Indra

en soporte a la gestión de emergencias con imágenes de satélite

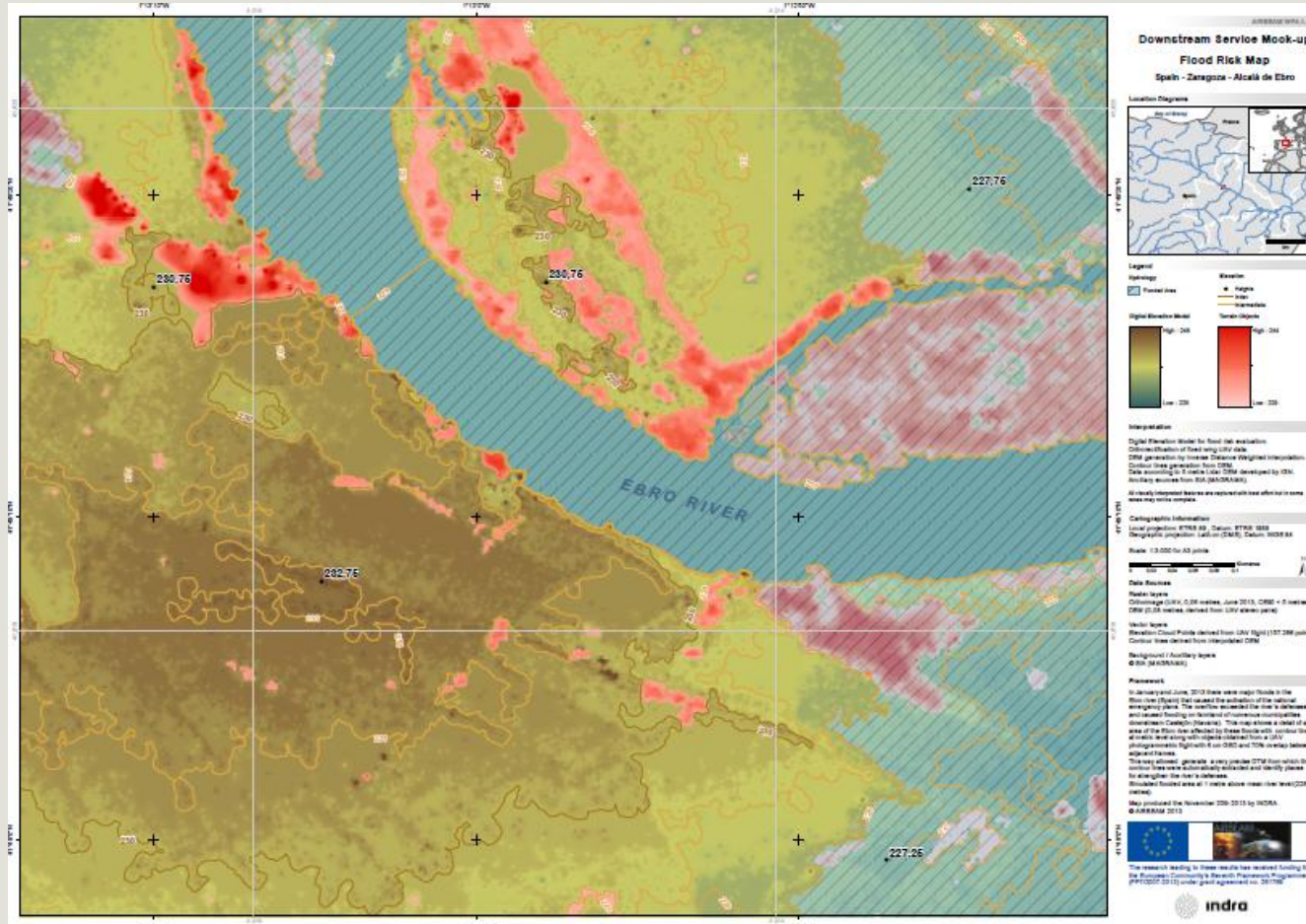


Países en los que usuarios han utilizado productos y servicios generados por Indra para el soporte a la gestión de emergencias

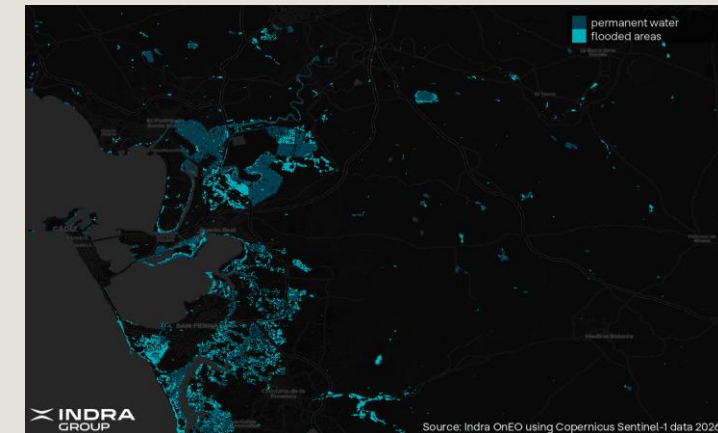


Herramientas tradicionales

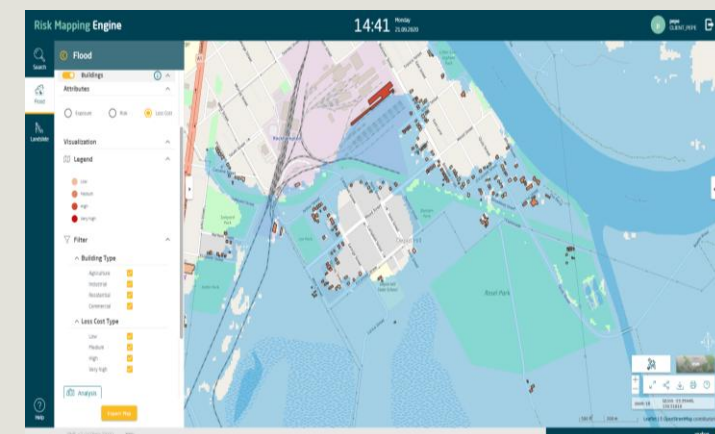
para el soporte a la gestión de emergencias a la administración pública con imágenes de satélite



Cartografía papel y .pdf y datos digitales



Herramientas de visualización

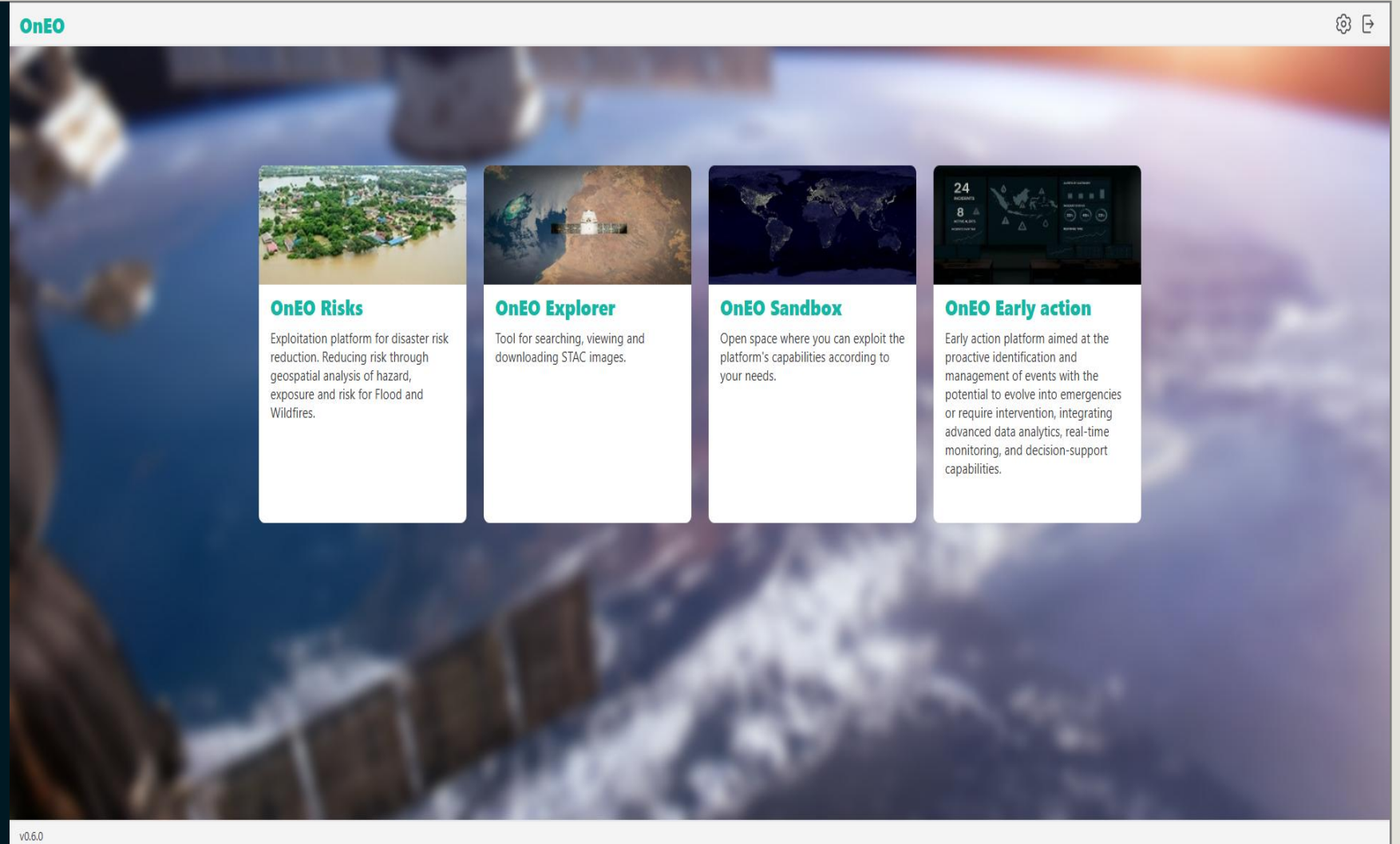


Herramientas WEB

OnEO: la herramienta de Indra para soporte a la gestión de emergencias

Las nuevas herramientas de soporte a la gestión de emergencias permiten:

- Incorporación de diversos tipos de imágenes y otros datos
- Generación automática de información a través de inteligencia artificial
- Analíticas avanzadas
- Integración con sistemas de mando y control



Integración de imágenes de satélite y otros datos

OnEO - Early action

Explorer

Select search type

Search form

Available collections

☐ Sentinel 1 Level-1 Ground Range Detected (GRD)

☐ Sentinel 1 Level-1 Single Look Complex (SLC)

☐ Sentinel-2 Level-1C

☒ Sentinel-2 Level-2A

☐ Sentinel-3 SLSTR Radiance and Brightness Temperature (RBT)

☐ Sentinel-3 OLCI Earth Observation Full Resolution (EFR)

☐ Sentinel-3 Land (Full Resolution)

☐ Sentinel-3 Water (Full Resolution)

☐ Sentinel-3 Fire Radiative Power

☐ Sentinel-3 Land Surface Temperature

☐ Sentinel-3 Sea Surface Temperature

☐ Sentinel-5P Level 2

☐ Copernicus DEM GLO

Time period

Last week

Area of interest

Draw on map

Reset search

Search

Java

Sumatra

Sulawesi

Borneo

Product details



Product identifier

S2C_MSIL2A_20260515T074611_N0512_R135_T35JPM_20260515T12016.SAFE

Beginning date time

15/05/2026, 07:46:11 UTC

Sensing date

15/05/2026, 07:46:11 UTC

Platform short name

Sentinel 2

Product type

No info available

Absolute orbit number

8828

Processor version

No info available

Ending date time

15/05/2026, 07:46:11 UTC

Publication date

15/05/2026, 12:28:31 UTC

Processing level

L2A

Cloud cover

1.193393

Relative orbit number

135

Add product to my workspace

Download product

Results

Sort products

Sensing date

Publication date

Cloud coverage



S2C_MSIL2A_20260515T074611_N0512_R135_T35JPM_20260515T12...

Sensing date 15/05/2026, 07:46:11 UTC

Publication date 15/05/2026, 12:28:31 UTC

sentinel 2

L2A

1.19%



S2A_MSIL2A_20260517T075021_N0512_R135_T35JPM_20260517T130...

Sensing date 17/05/2026, 07:50:21 UTC

Publication date 17/05/2026, 14:11:49 UTC

sentinel 2

L2A

6.04%

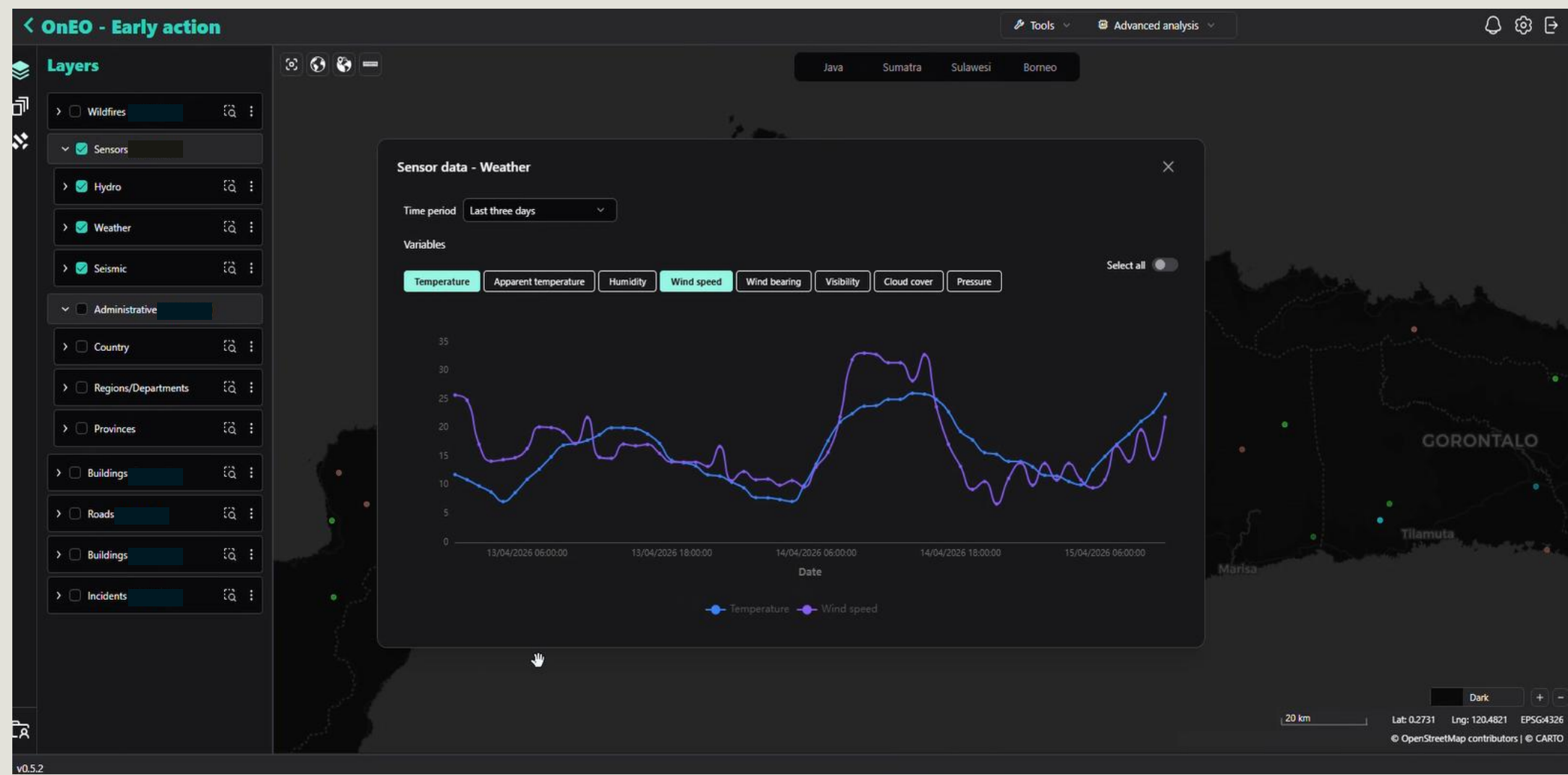
2 / 2 products

OnEO Explorer

Tool for searching, viewing and downloading STAC images.

INDRA

Integración de sensores in situ



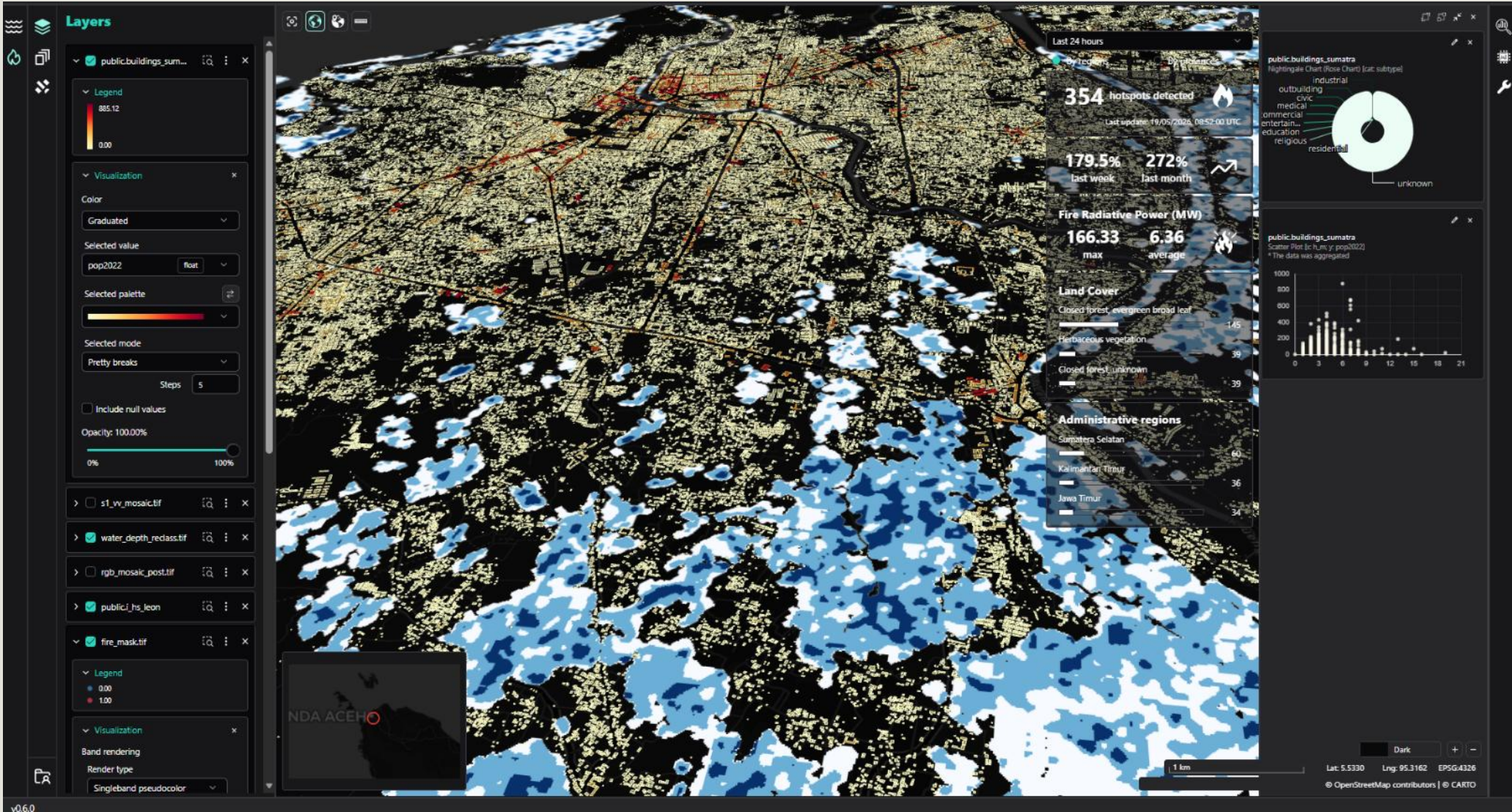
Generación de información mediante IA



OnEO Sandbox

Open space where you can exploit the platform's capabilities according to your needs.

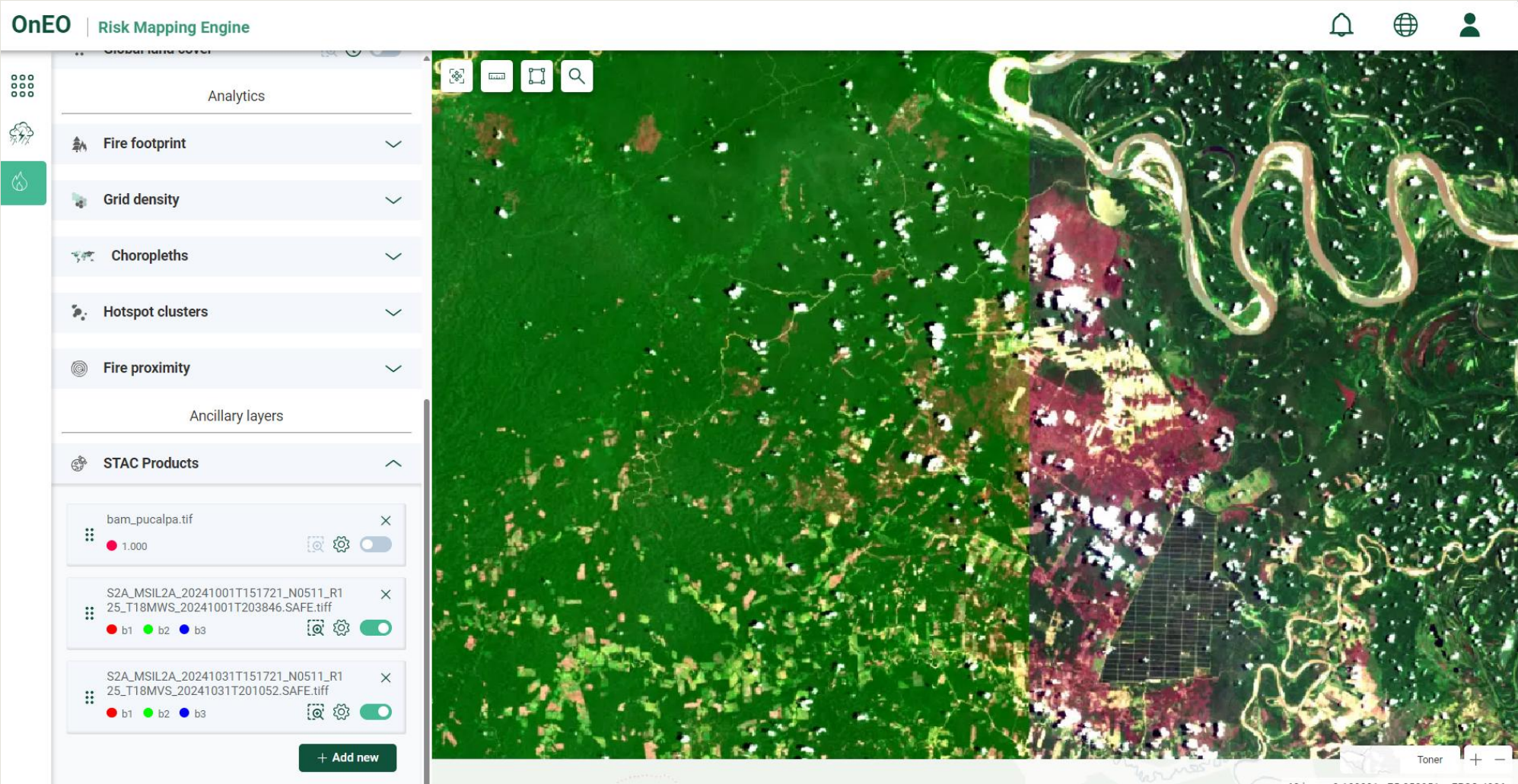
Generación de información mediante IA



OnEO Sandbox

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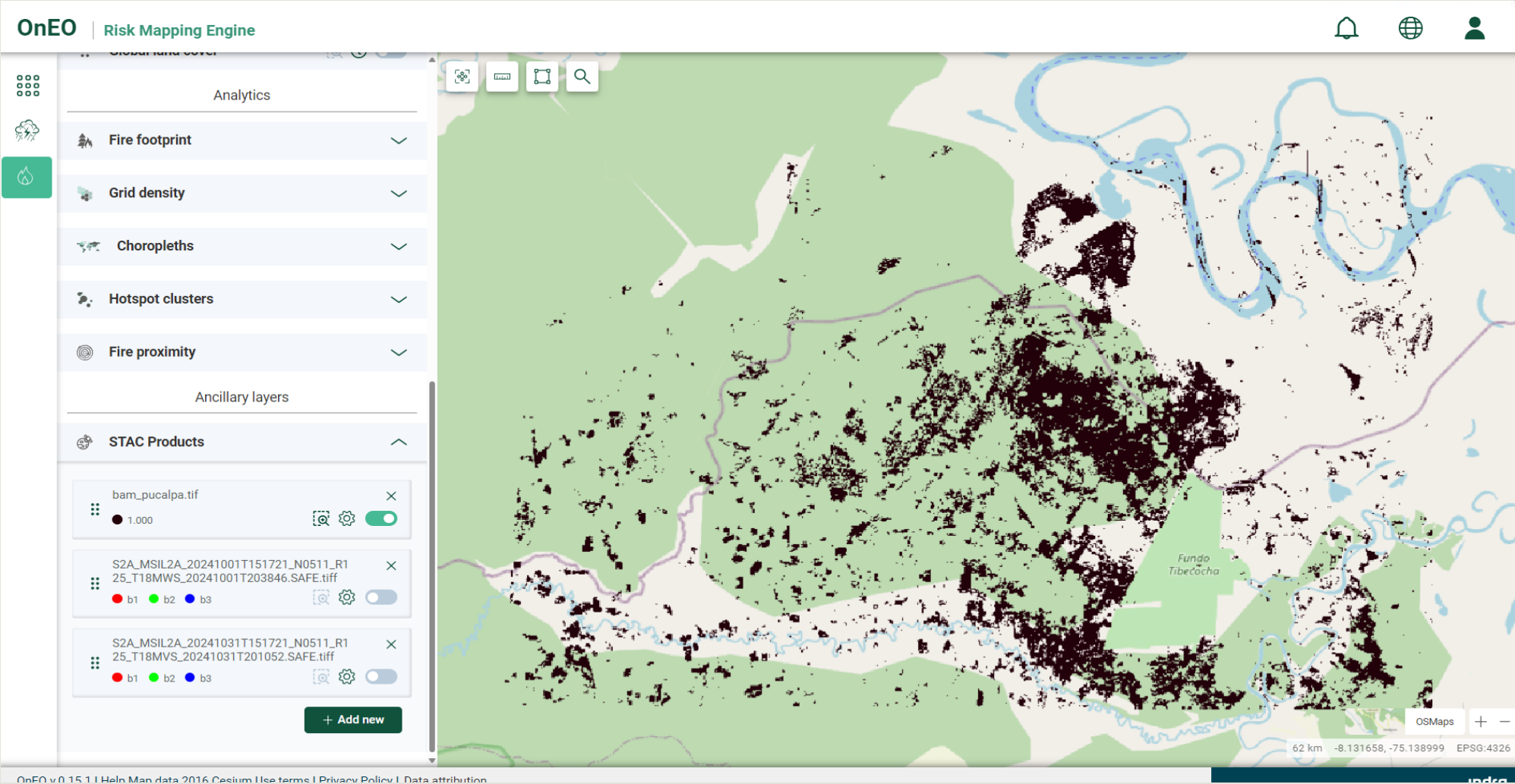
Generación de información mediante IA



OnEO Risks

Exploitation platform for disaster risk reduction. Reducing risk through geospatial analysis of hazard, exposure and risk for Flood and Wildfires.

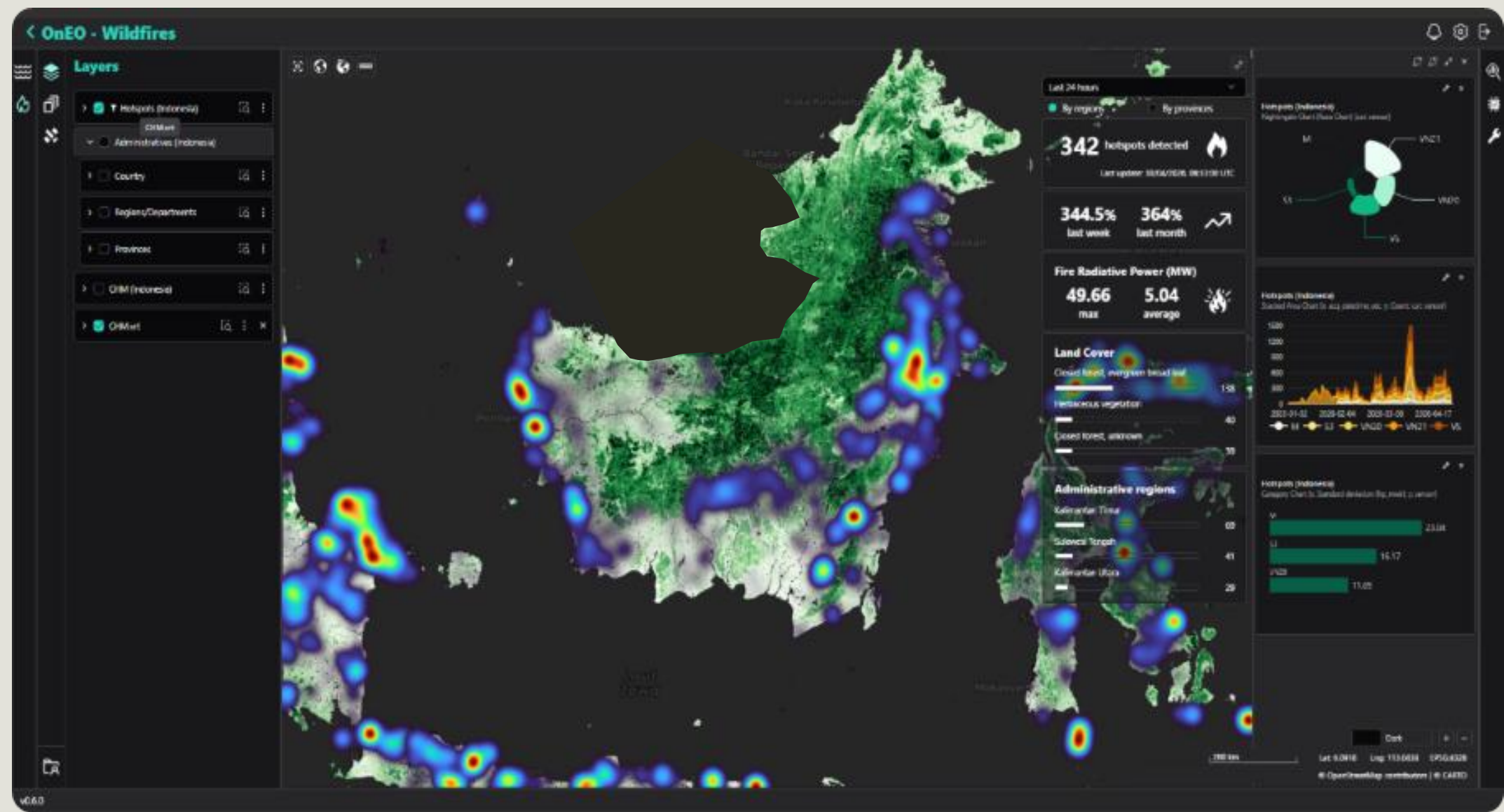
Generación de información mediante IA



OnEO Risks

Exploitation platform for disaster risk reduction. Reducing risk through geospatial analysis of hazard, exposure and risk for Flood and Wildfires.

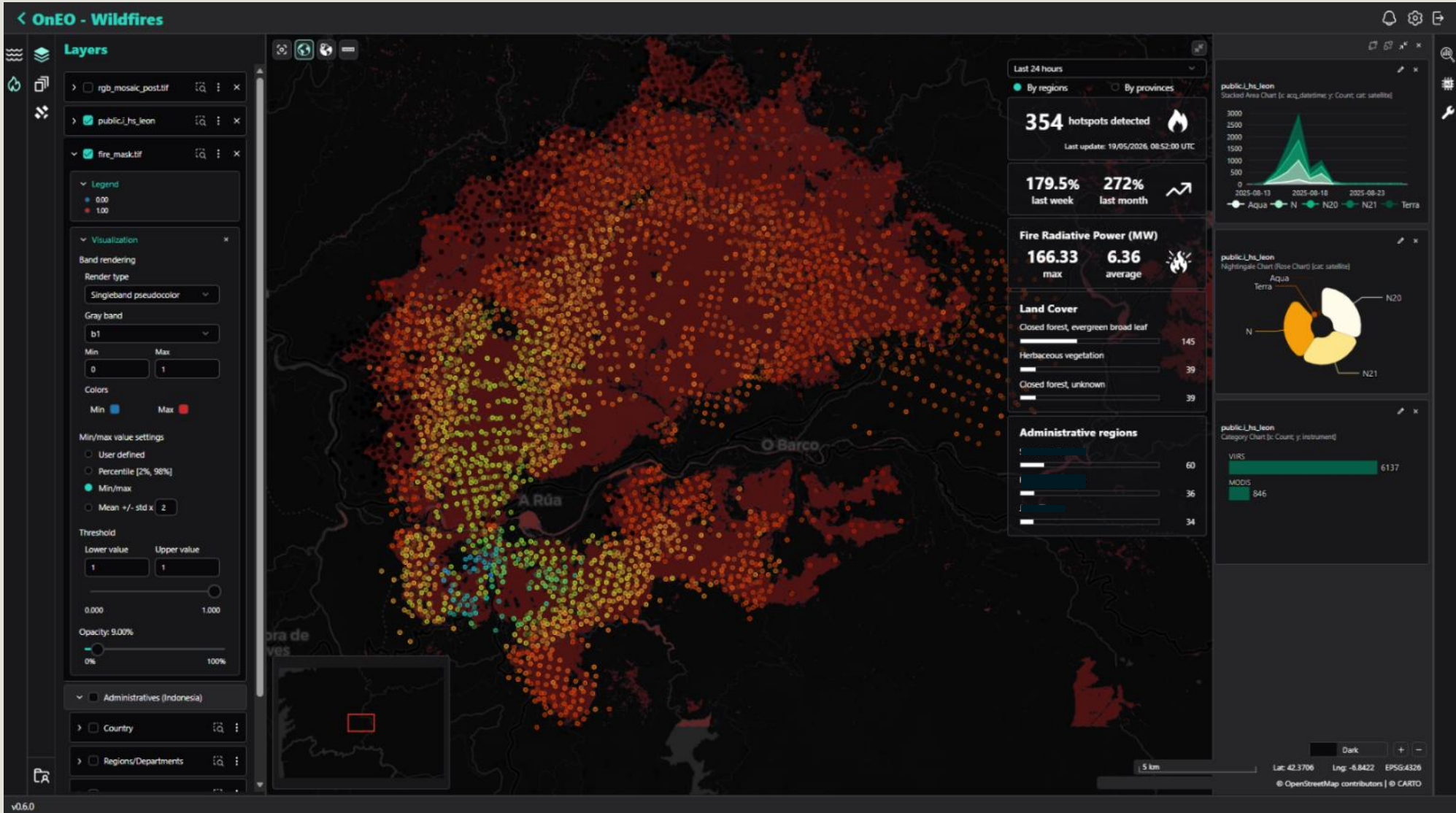
Analíticas avanzadas



OnEO Risks

Exploitation platform for disaster risk reduction. Reducing risk through geospatial analysis of hazard, exposure and risk for Flood and Wildfires.

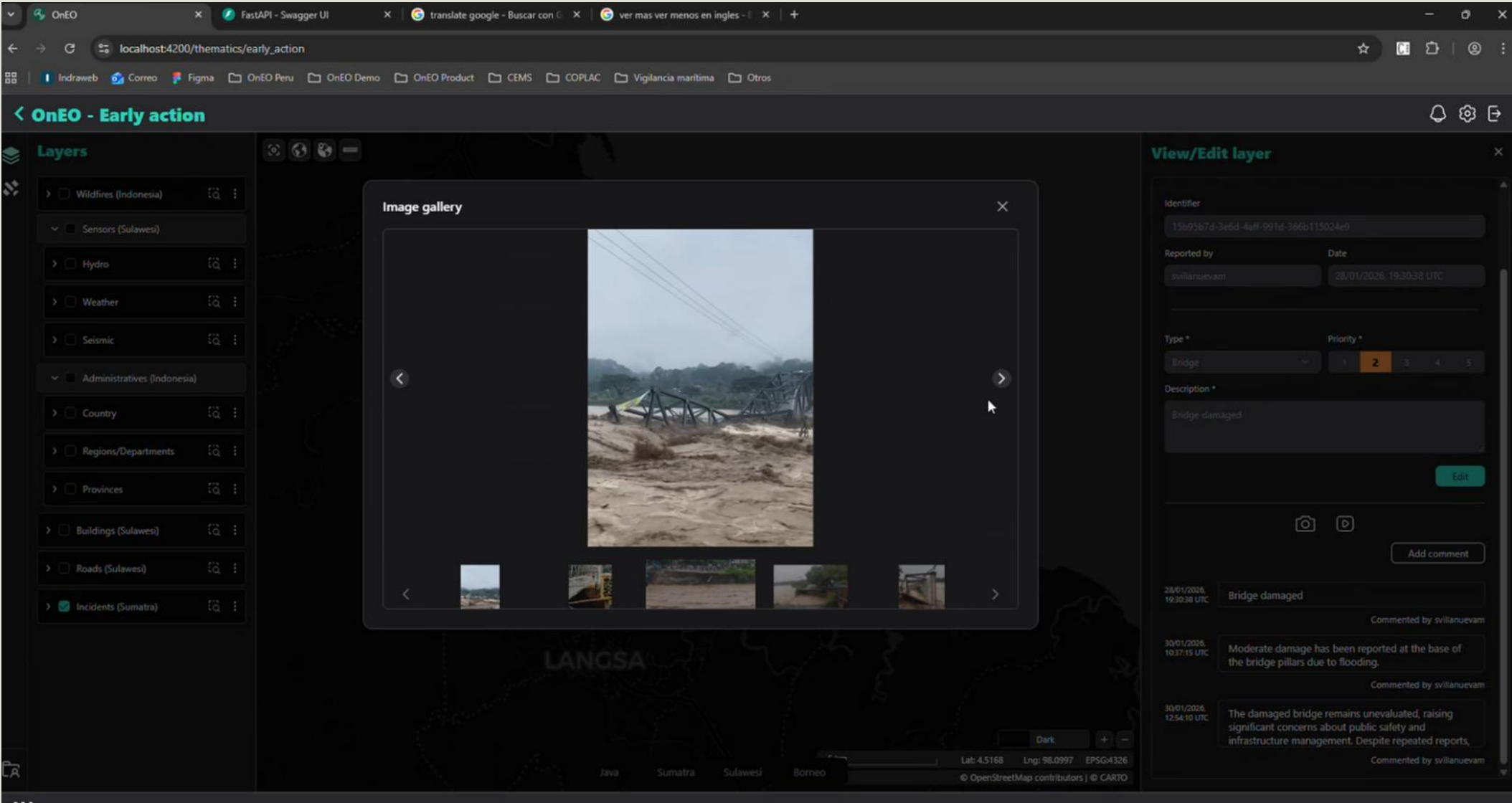
Analíticas avanzadas



OnEO Risks

Exploitation platform for disaster risk reduction. Reducing risk through geospatial analysis of hazard, exposure and risk for Flood and Wildfires.

Integración con sistemas de mando y control



OnEO Early action

Early action platform aimed at the proactive identification and management of events with the potential to evolve into emergencies or require intervention, integrating advanced data analytics, real-time monitoring, and decision-support capabilities.

Y muy pronto....

- Detección de eventos on-board
- *Super Agility* en la toma de datos en zonas de crisis
- Reducción del tiempo de recepción de la información (*information age*)
- Digital Twin
- Inteligencia Artificial Multiagente





Tech for trust