
MAKING THE INVISIBLE INVESTABLE

Structured data as the bridge to formal finance

BENJAMIN CLAIR • DATASTAKE / DAAC • PLANETGOLD • 9 SEPT 2026



■ LIT = DOCUMENTED
□ UNLIT = NO RECORD

THE INVISIBLE

**Most of artisanal gold's
economic life leaves no record.**

Lens 01

Responsible sourcing

**Where did it come from, under
what conditions?**



Lens 02

Sustainable economic development

**Is life getting better,
measurably?**



Lens 03

Impact of interventions

Did the programme change anything?



Lens 04

Formal finance

**Can this ASM operation get
access to banking services and
investment?**

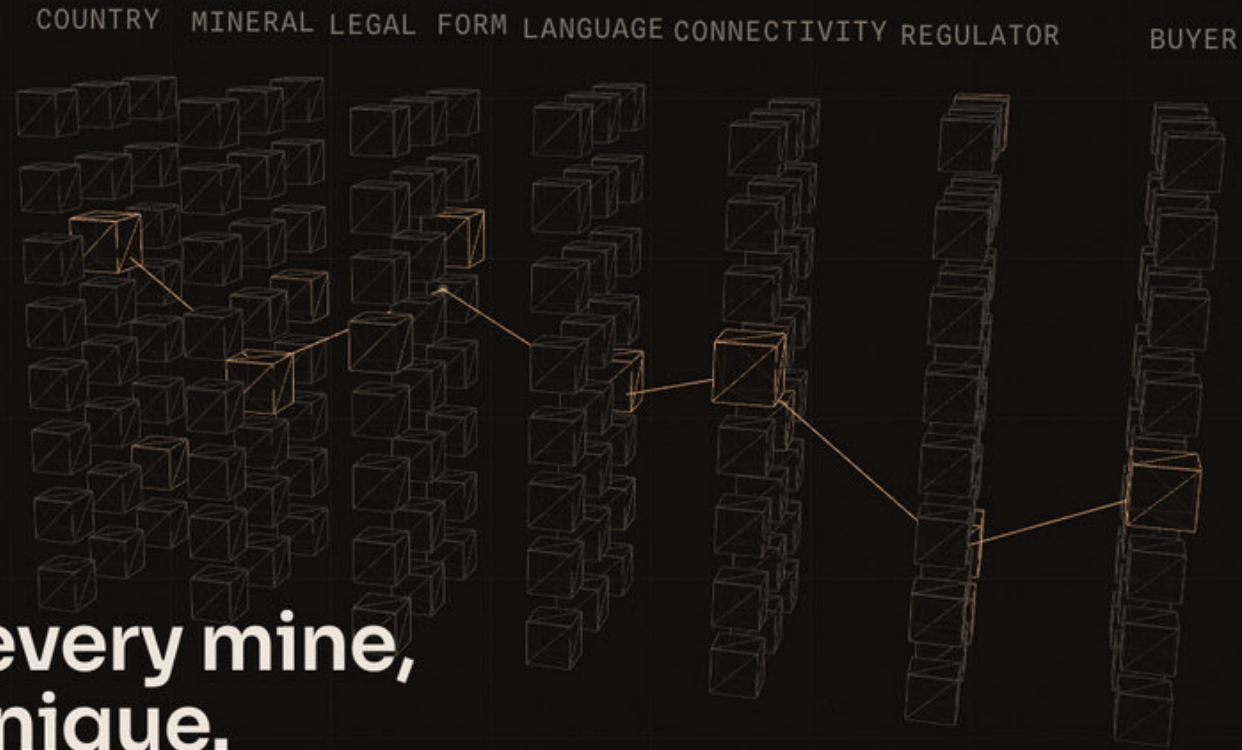


CONTEXTS

**Every community, every mine,
every situation is unique.**

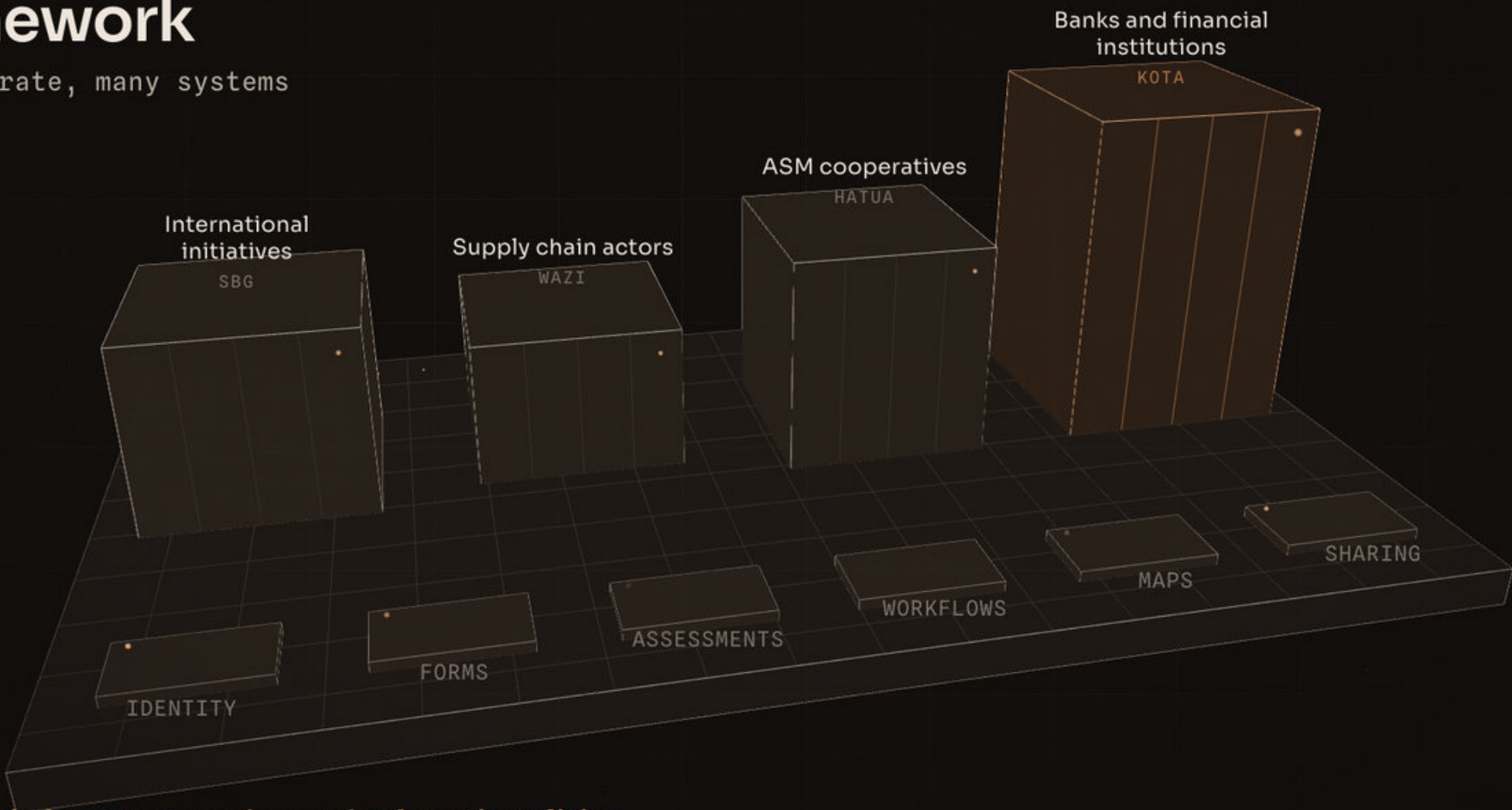
Digital systems must be fully customised to each.

Super-customised systems, cheap to deploy.



Datastake Application Framework

One substrate, many systems



Common infrastructure, bespoke functionalities.

KOTA

KOTA, the application for banks to onboard ASM operators.

ASM OPERATOR

ONBOARDING DOSSIER

CONFORMITY ASSESSMENT

AUTOMATED SCORING

BANKING DECISION

KOTA ONBOARDING / OPERATORS / COOP-0417

ASSESSMENT OPEN

REVIEWER · DESK 2

DESK

PIPELINE

OPERATORS

ASSESSMENTS

DECISIONS

REGISTRY

DOCUMENTS

SITES

BUYERS

SYSTEM

SHARING

AUDIT TRAIL



COOP-0417 · Kédougou, Senegal

COOPERATIVE GOLD · ALLUVIAL LEGAL FORM · GIE ONBOARDED VIA DOSSIER

READINESS

73%

CONFORMITY CHECKLIST

5 / 8

Legal registration

VERIFIED

Mining title

VERIFIED

Member register

VERIFIED

Site position

VERIFIED

Mercury-free processing

REVIEWING

Buyer relationship

EVIDENCE PENDING

Bank account mandate

NOT STARTED

Processing machinery

VERIFIED

READINESS GAUGE

LIVE



READINESS INDEX

SOURCES CONSOLIDATED SIX

DOCUMENT REGISTER

SYNCED

☐ Registration certificate

verified

☐ Mining title · permit

verified

☐ Member register

verified

☐ Site map · positions

verified

☐ Processing declaration

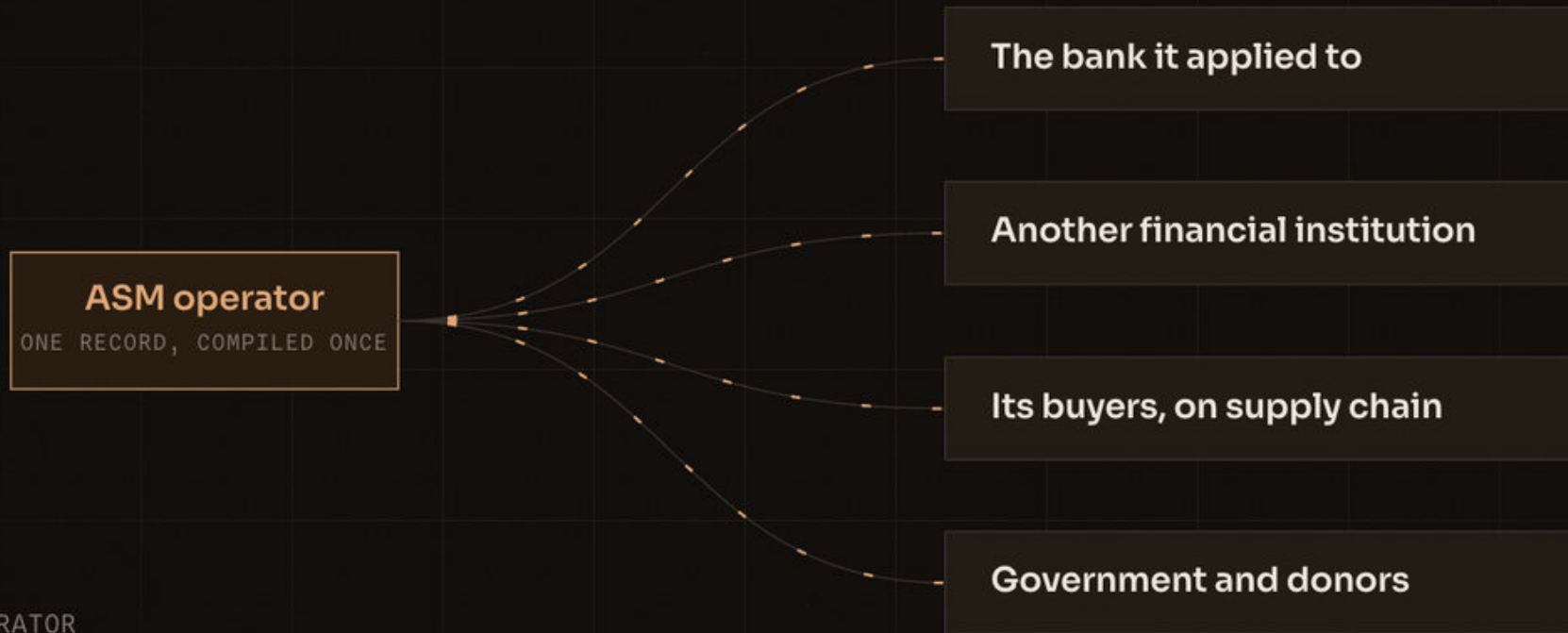
in review

☐ Offtake letter

requested

☐ Readiness report

generating



OWNED BY THE OPERATOR

**Compile once. Use it with the
next bank, a buyer, a donor.**

AN ECOSYSTEM

Everyone keeps their own system. The information can still travel.

What each party holds can be found, and shared only at its own discretion.

Each stakeholder works in its own system, and they exchange what they choose.

LOCAL CIVIL-
SOCIETY
ORGANISATIONS

on the ground,
holding information

THE ASM OPERATION

CONSENT

A BANK

its own system

CONSENT

GLOBAL BUYERS
AND INVESTORS

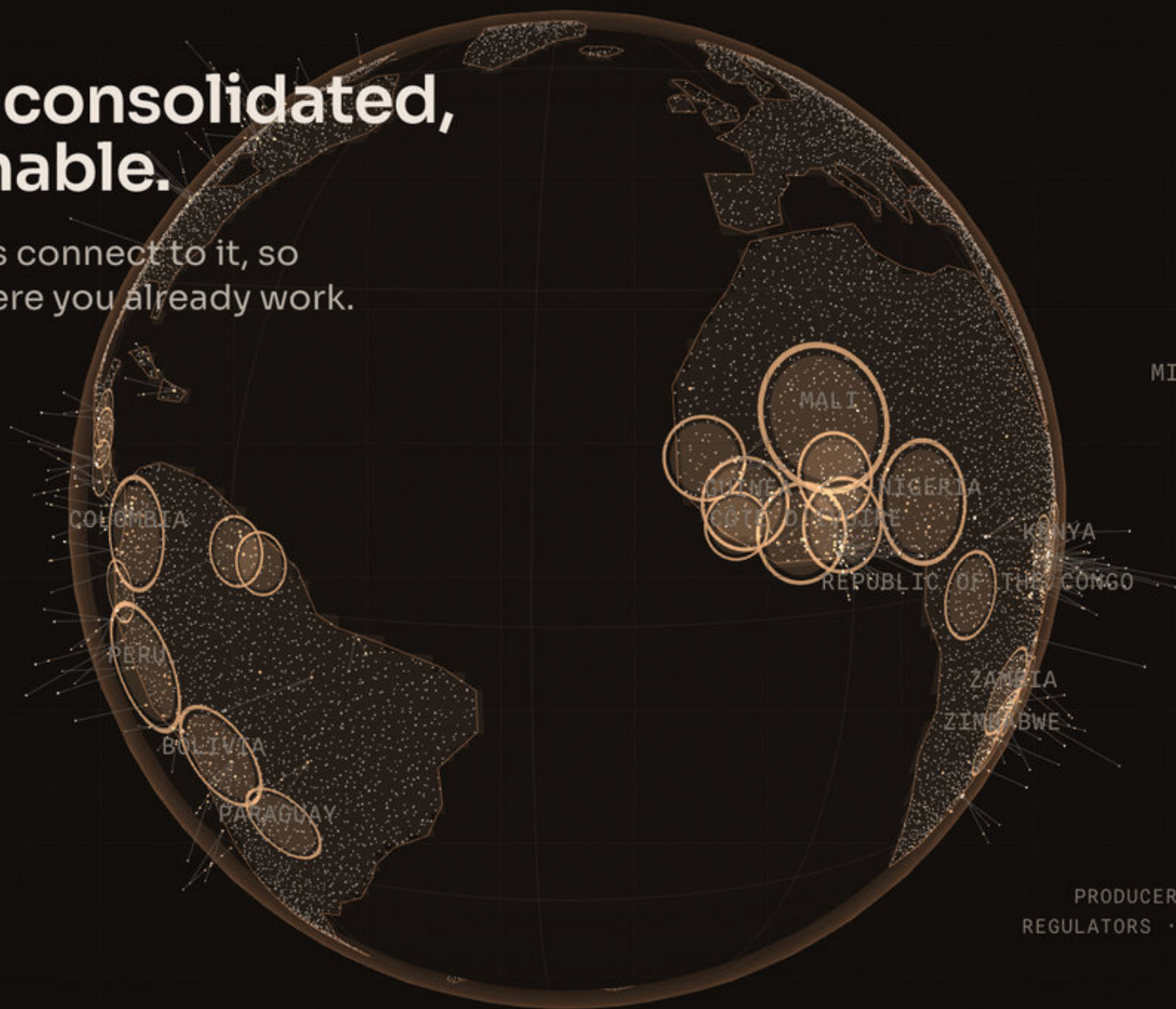
elsewhere, holding
information too



THE GOLD HUB

Public data, consolidated, made actionable.

Datastake applications connect to it, so
public data arrives where you already work.



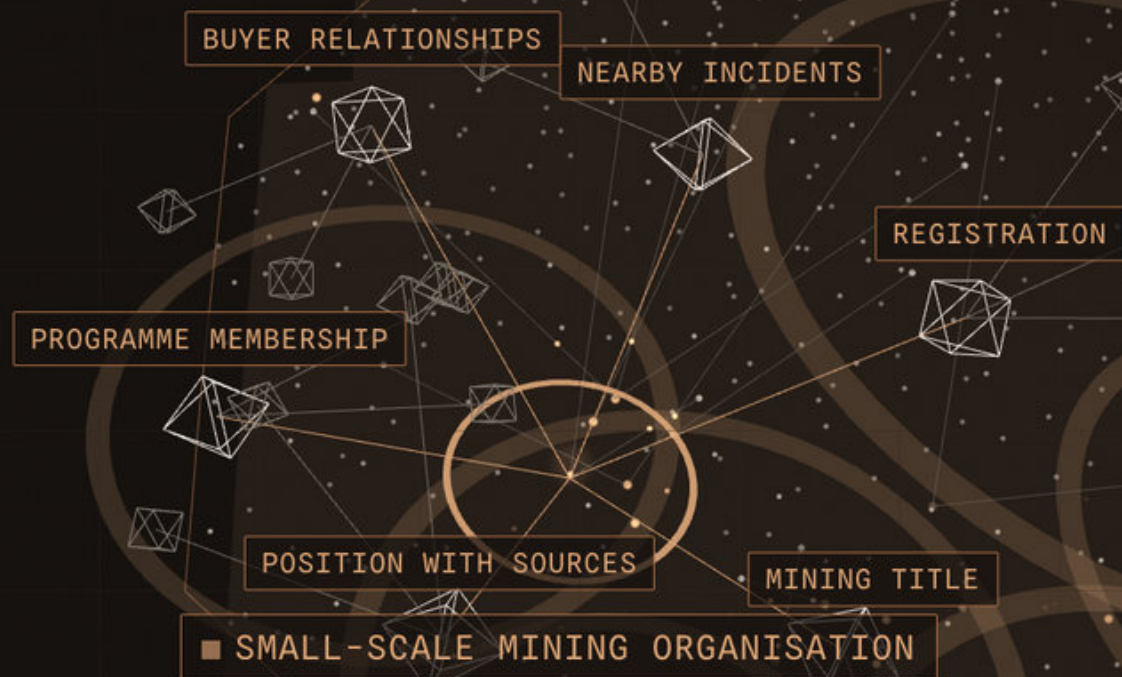
4,948
ENTITIES

12,268
ASSERTIONS

226

MINE SITES WITH A POSITION

AS OF 4 SEPT 2026



> Crowdsourced KYC, and due diligence a bank can consolidate itself.

Where official records are hard to check, this is how a bank manages its risk and answers its regulator.

gold.daac.ai

- Capture where it is useful.
- Connect with consent.
- Consolidate what is public.

Interoperability is **the bridge** to formal finance.

Systems that exchange data are what let an investor manage risk.

Benjamin Clair · info@datastake.io · datastake.io

Visit the Gold Hub · gold.daac.ai





Connecting and Digitalising the Precious Metal Industry



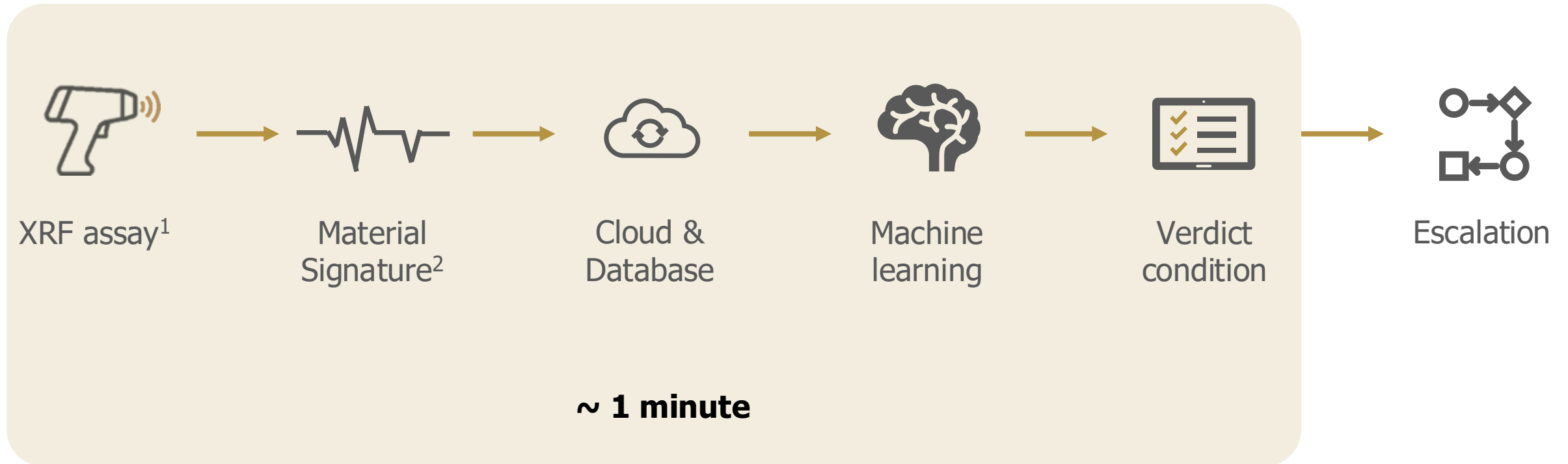
A fast, reliable and scalable solution for independent, data-driven origin verification

Dario Biedermann, Head of xTrace, aXedras
Digital tools in ASM webinar – United Nations
07/09/2026



How Does xTrace Work?

A real-time alerting system using XRF data to classify and monitor material feed



1. Measurements performed on milled (homogenized) material or Doré bars
2. XRF spectra directly exported to our software (direct API to hardware)

The Value of Information



Evaluation

Knowing the material's grade, value and composition along the production chain allows for fast payouts and efficiency.



Toxicity

High levels of Arsenic or Lead are poisonous and pose a health risk. Equally, any presence of Mercury is a risk.



Penalties

High level of Arsenic, Copper or Lead may result in penalties by the refineries. Good material mixtures improve financials.



Traceability

Verifying material type and origin are key to productive and legal relationships with mines, especially ASGM's.



Image: xTrace setup in client laboratory

Production Status

12'489

Q Search all columns...

Export to Excel

Bulk actions

Columns

(+4 elements)

Batch Origin Prediction

ID ↕	Sample Date ↕	Uploaded At ↕	Declared Origin Code ↕	Predicted Origin	Verdict ↕	Ag %	Au %	Cu %	Hg %	Actions
ORE-S-0052e2d5d15c	11/15/2025	04/29/2026, 09:10:58 AM	AOC4c84ea1cce	AONeb65955c49 (52%) , AONd63f8768e7 ⓘ (16%) , AON1bb8b8ec28 (11%)	Pass	0.007	0.002	0.541	0.043	...
ORE-S-005bb4abb878	11/03/2025	04/29/2026, 09:10:57 AM	AOCf5f3829b18	Pending	—	0.000	0.001	0.012	0.000	...
ORE-S-006449eb9701	04/17/2026	04/29/2026, 09:10:43 AM	AOC4c84ea1cce	AONebea1b0bd0 (11%), AON22ee8ba755 (10%), AONdfd957d19e (7%)	Pass	0.003	0.000	0.176	0.021	...
ORE-S-00692c3d1375	01/09/2026	04/29/2026, 09:10:47 AM	AOC13ef6d7abb	AON222b20afbb (46%), AON025b0e4e06 (12%), AON71bd55674a (10%)	Pass	0.006	0.000	0.122	0.000	...
ORE-S-006f3f07a093	12/15/2025	04/29/2026, 09:10:47 AM	AOC052ff34ee7	AON43f52210c9 (41%), AON999f3bffc6 (32%), AON773b9f10cf (4%)	Pass	0.004	0.002	0.002	0.000	...
ORE-S-0075080b026b	02/02/2026	04/29/2026, 09:10:51 AM	AOC872e965b05	Pending	—	0.005	0.000	0.127	0.000	...
ORE-S-00788189fe3c	04/29/2026	06/12/2026, 08:21:27 AM	AOC61dfb71f89	AON3509384d8c (78%), AONe01092a879 (2%), AON773b9f10cf (2%)	Pass	0.000	0.000	0.010	0.000	...
ORE-S-0083266fc564	08/21/2025	04/29/2026, 09:10:44 AM	AOC4fbd578928	Pending	—	0.002	0.001	0.099	0.016	...
ORE-S-0087c54f4ac7	11/15/2025	04/29/2026, 09:10:58 AM	AOCb0c7d25e44	AON025b0e4e06 (27%), AONf2abccf373 (13%), AONc500d4ce11 (12%)	Pass	0.016	0.000	0.081	0.000	...
ORE-S-0092bbc030a1	02/02/2026	04/29/2026, 09:10:51 AM	AOC90701f8b9b	AON9b93b64212 (47%), AONf2abccf373 (6%), AONae091029e8 (5%)	Fail	0.003	0.001	0.092	0.000	...
ORE-S-009486bb06be	11/30/2025	04/29/2026, 09:10:59 AM	AOC4461d0f030	AON31573ddf21 (89%), AON90dac84746 (5%), AON1a17bb5b4d (1%)	Pass	0.007	0.001	0.042	0.010	...
ORE-S-009e65770c72	04/12/2026	04/29/2026, 09:10:42 AM	AOCb2729d3046	AON22ee8ba755 (22%), AONb5565dc606 (17%), AON78cf29f7a5 (6%)	Pass	0.001	0.000	0.122	0.000	...
ORE-S-009e95361561	08/14/2025	04/29/2026, 09:10:44 AM	AOC06de12f525	Pending	—	0.003	0.001	0.122	0.034	...
ORE-S-00a7b197b198	03/19/2026	04/29/2026, 09:10:55 AM	AOC0f3850418b	AON6a6a8f9422 (11%) , AONd63f8768e7 ⓘ (10%) , AONdea27b3676 (6%)	Pass	0.012	0.000	0.339	0.027	...

Benchmarked Performance

For Origin Verification



	 Rock face	 Milled ore	 Pre-melt Doré	 Post-melt Doré
Rate of correctly validating correct origins (True Positive Rate)	90.7%	90.7%	97.4%	94.0%
Rate of correctly alerting in case of fraud (True Negative Rate, estimation)	94.4%	94.4%	96.4%	93.1%
Tested on no° samples	Used as data validator for audit-purposes	42'610	29'872	11'551
	xTrace for CPPs		xTrace for refineries	

See next page for details to metrics



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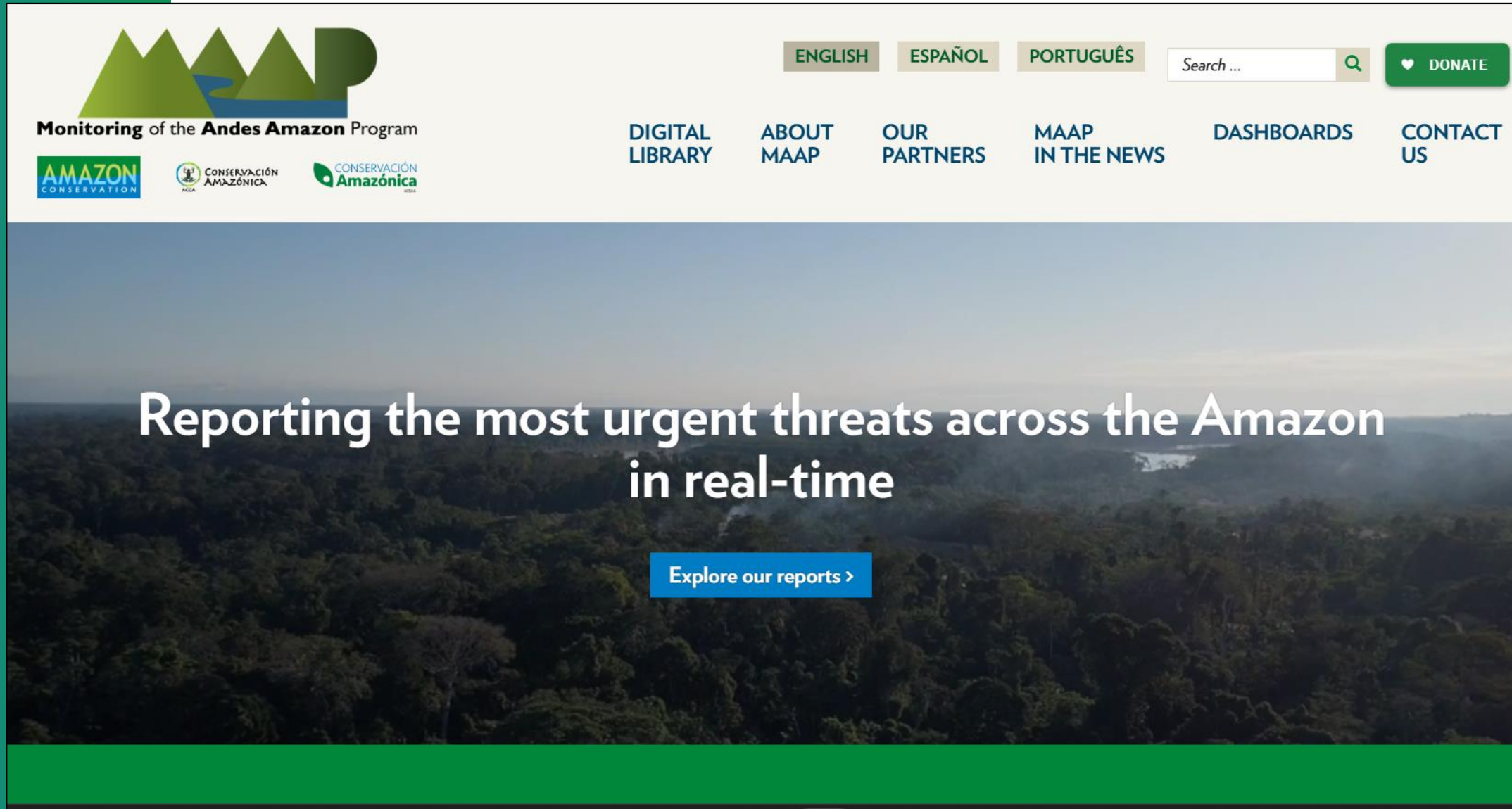


Celebrating 25 Years of Conservation Impact

Satellite-based,
near real-time monitoring
of illegal gold mining
across the Amazon

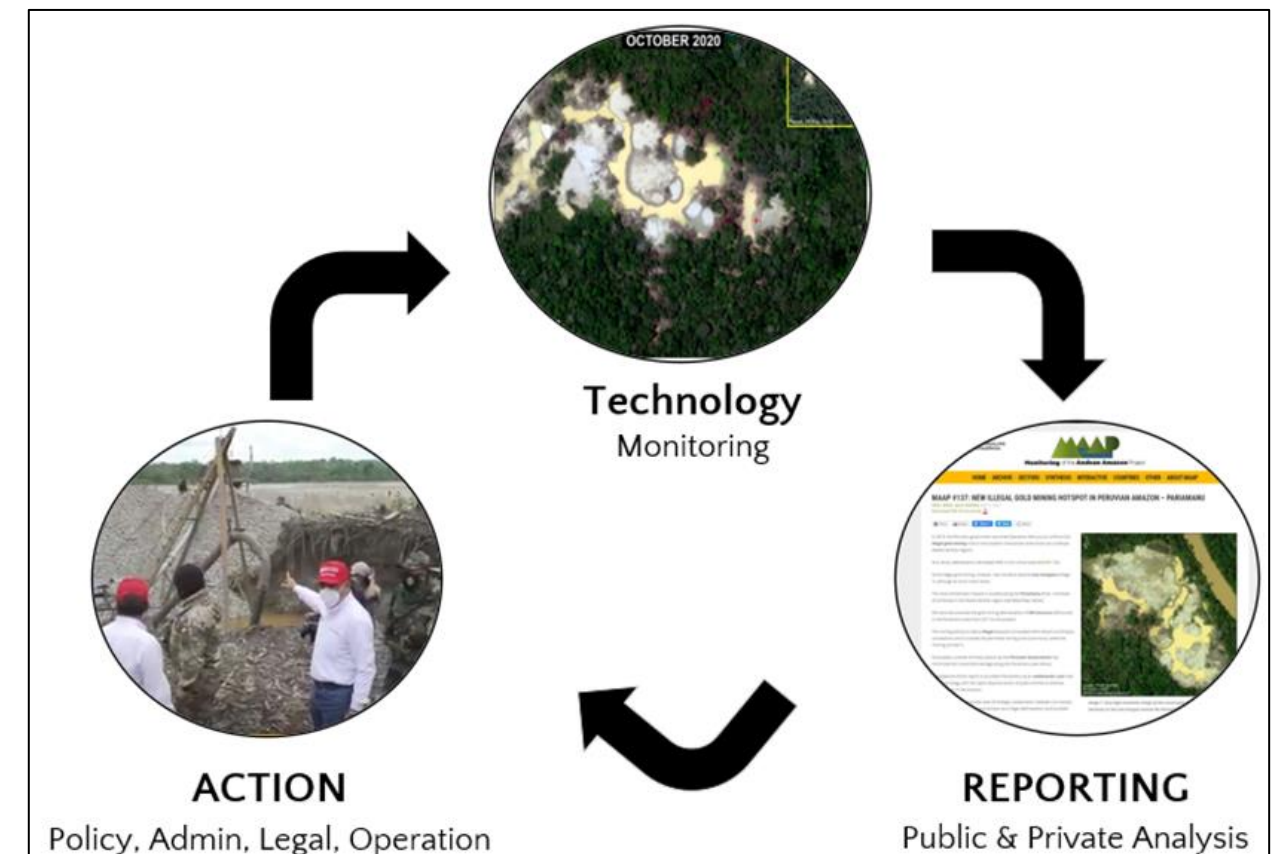
Sept 2026

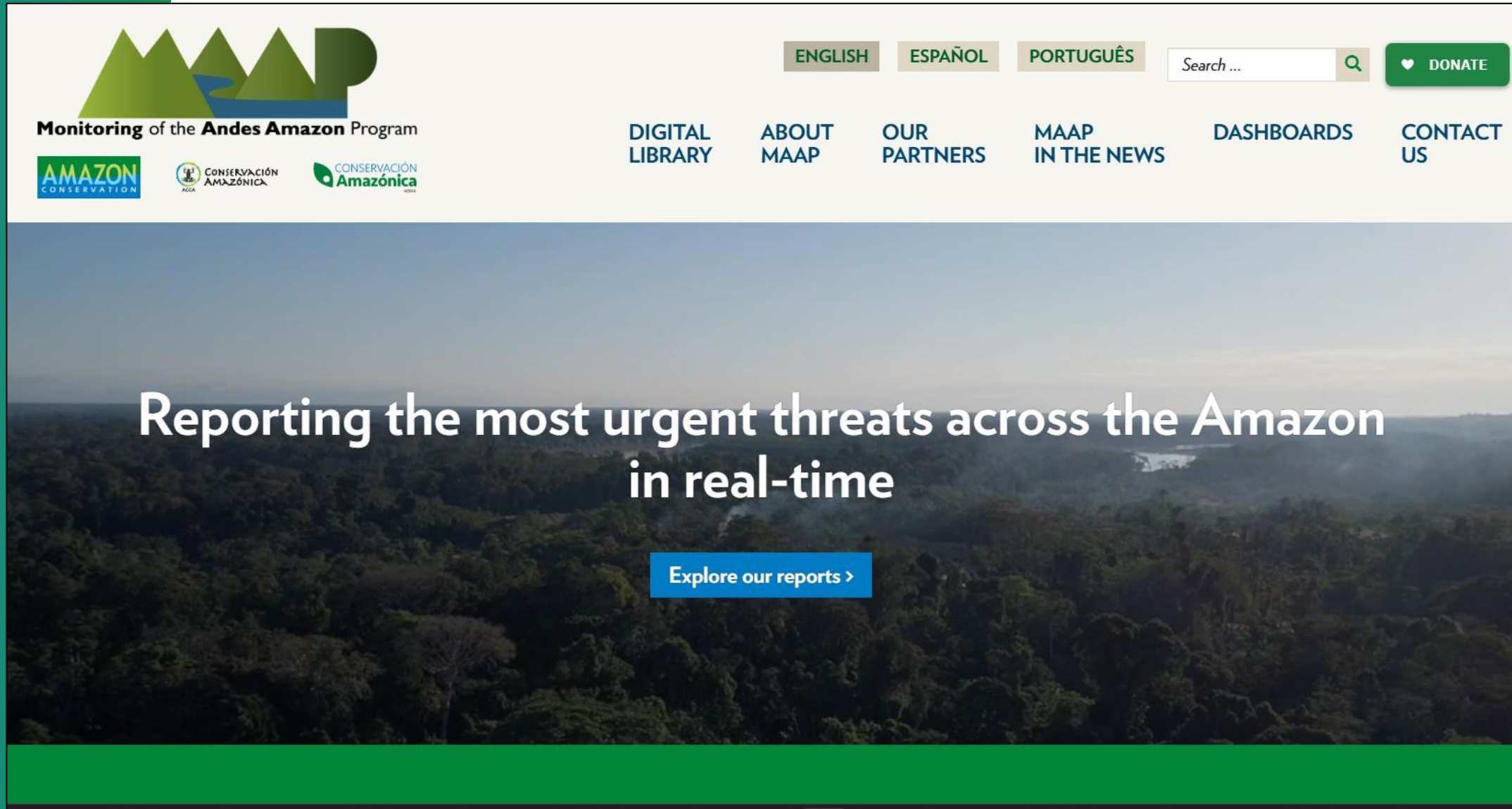




Satellite-based near-real-time monitoring system

Objective:
link technology with action across the Amazon.



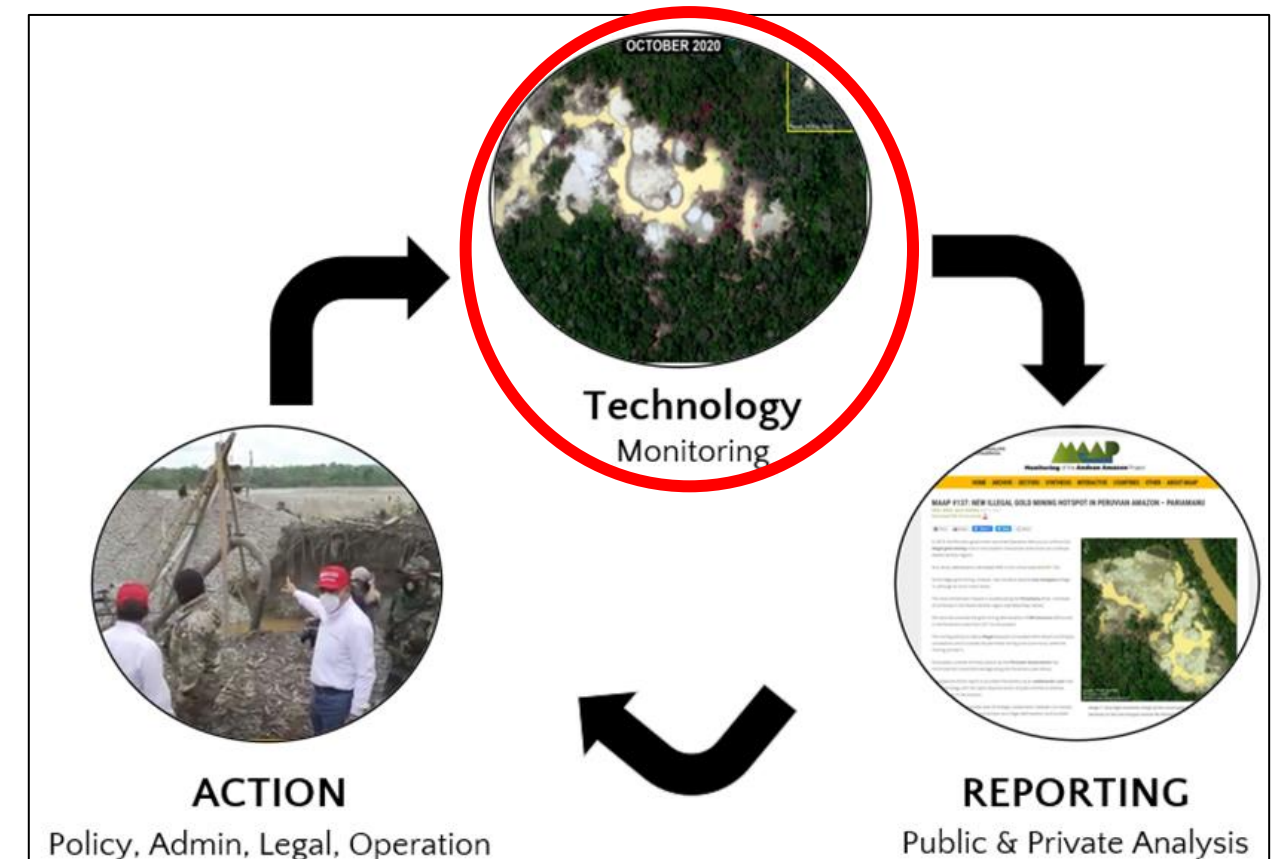


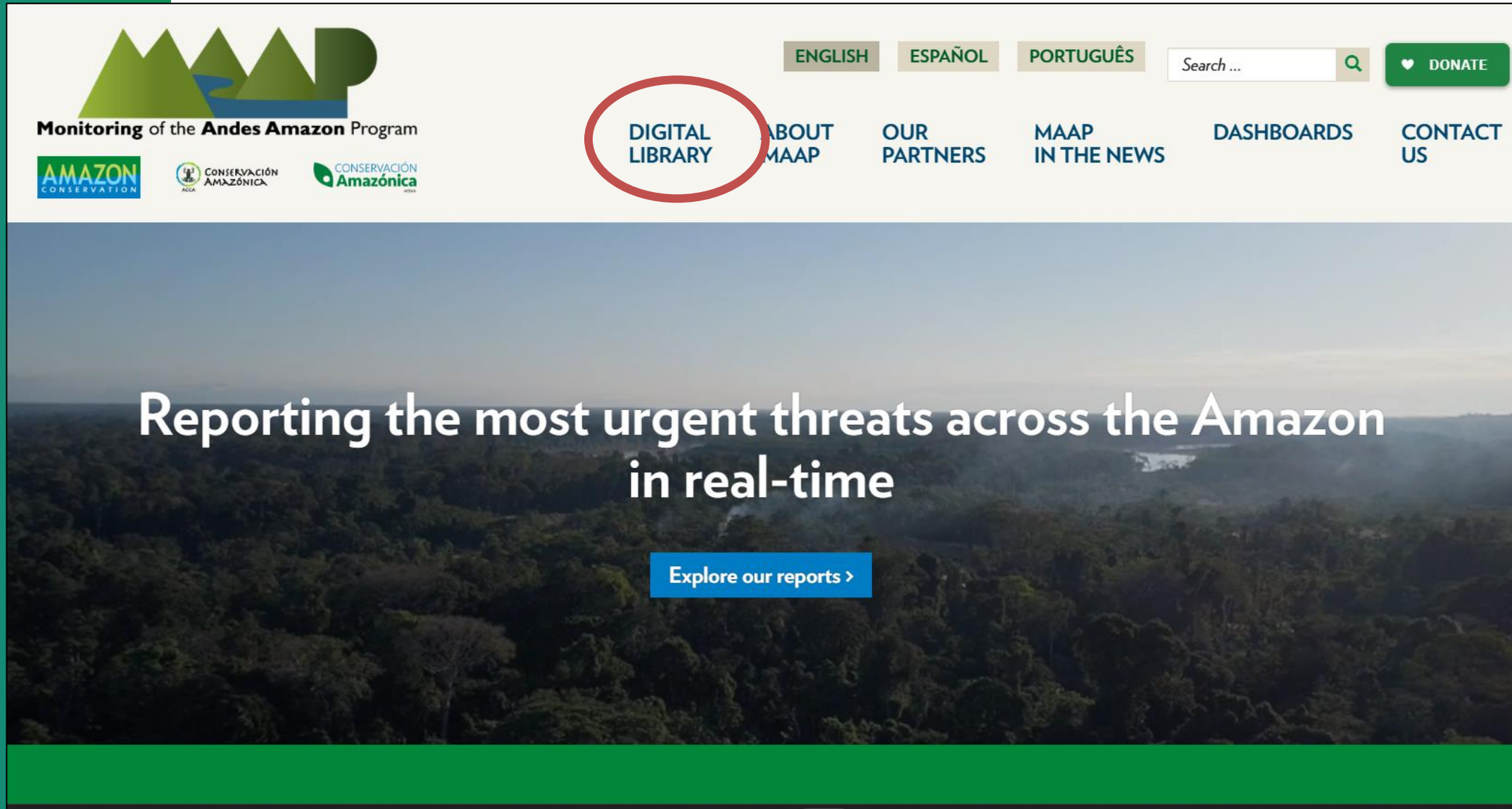
Combines 3 types of tech:

Automated alerts (GFW, AMW)

High-res satellite imagery (Planet)

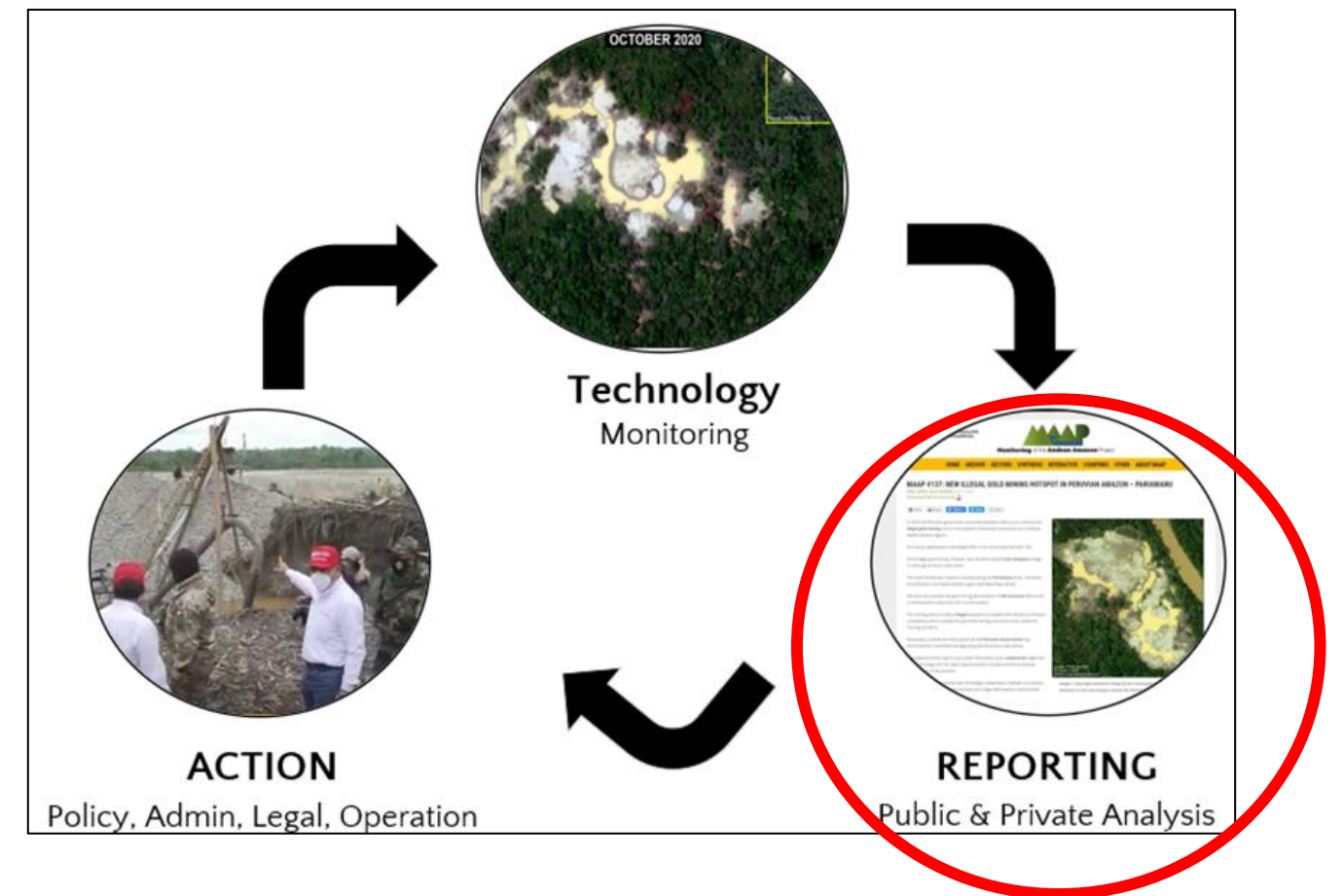
Very high-res imagery (Skysat tasking)





Launched 2015

249 reports (and counting)



Search the Digital Library:

COUNTRIES

- ☐ All Amazon
- ☐ Bolivia
- ☐ Brazil
- ☐ Colombia
- ☐ Ecuador
- ☐ French Guiana
- ☐ Guyana
- ☐ Peru
- ☐ Suriname
- ☐ Venezuela

AGRICULTURE-RELATED THREATS

- ☐ Oil Palm
- ☐ Cacao
- ☐ Cattle pasture
- ☐ Other crops
- ☐ Coca
- ☐ Mennonites

INFRASTRUCTURE THREATS

- ☐ Roads
- ☐ Dams
- ☐ Oil, gas, hydrocarbon

MINING AND LOGGING THREATS

- ☒ Gold Mining
- ☐ Logging
- ☐ Minería de Oro

FIRES

- ☐ Fires

CARBON AND CLIMATE CHANGE

- ☐ Carbon
- ☐ Climate Change

LAND USE

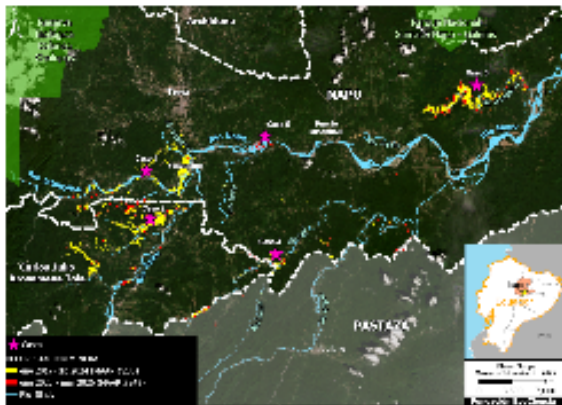
- ☐ Protected Areas
- ☐ Indigenous Territories

SPECIAL ANALYSIS

- ☐ Deforestation Hotspots

NATURAL FOREST LOSS

- ☐ Blowdowns
- ☐ Floods

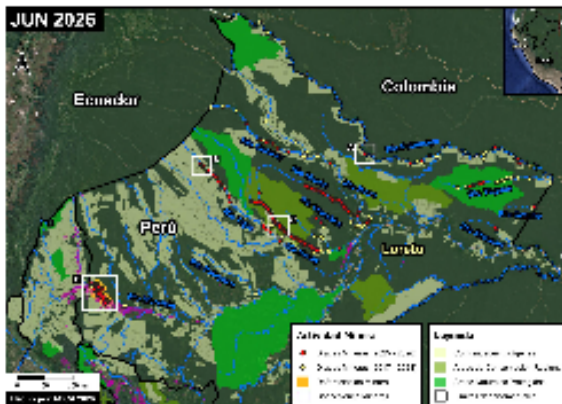


August 24, 2026

MAAP #249: Gold Mining Deforestation in the Ecuadorian Amazon: Napo Province (Southern Zone)

In a previous report (MAAP #230, published in July 2025), we presented an initial assessment of gold mining deforestation in the southern part of Napo province, located in the central region of the Ecuadorian Amazon near the city of Tena. This analysis was particularly relevant given that Napo had emerged as one of the Ecuadorian [...]

ECUADOR, GOLD MINING



August 16, 2026

MAAP #247: River gold mining expansion in the northern Peruvian Amazon (Loreto region)

Gold mining has been expanding in recent years across various regions of the Peruvian Amazon. Previous reports (for example, see MAAP #241) have shown the rapid expansion of gold mining deforestation in the southern Peruvian Amazon, particularly in the Madre de Dios region. Our reporting has also indicated that gold mining continues to expand into [...]

GOLD MINING, MINERÍA DE ORO, PERU



August 5, 2026

MAAP #246: Illegal gold mining in protected areas in the Jurueña River region, Mato Grosso (Brazilian Amazon)

The Brazilian state of Mato Grosso plays a pivotal role along the southeastern frontier of the Amazon, located at a critical transition zone between the Amazon, Cerrado, and Pantanal biomes. This unique location allows the state to serve as a shield against the encroachment of deforestation into the Amazon rainforest's interior from the more impacted [...]

BRAZIL, GOLD MINING, PROTECTED AREAS



July 15, 2026

MAAP #245: Illegal gold mining in Puré River National Park (Colombian Amazon)

The Puré River flows through the heart of Río Puré National Park in the southeastern Colombian Amazon and then crosses into the northwestern Brazilian Amazon (Figure 1). In addition to its extraordinary biodiversity and high carbon stocks, this protected area is home to Indigenous communities, including Indigenous peoples living in voluntary isolation (specifically, the Yurí [...])

COLOMBIA, GOLD MINING, MINERÍA DE ORO, PROTECTED AREAS

Ecuador 4

Peru 3

Brazil 4

Colombia 2

MAAP #241: Rapid Expansion of Illegal Gold Mining in Tambopata National Reserve (Southern Peruvian Amazon)

May 10, 2026



[Download PDF](#)

Gold mining has been a notorious driver of deforestation in the southern Peruvian Amazon for several decades. This mining-related deforestation reached crisis levels in the mid-2010s, particularly affecting **Tambopata National Reserve** and its buffer zone (see [MAAP #96](#) from January 2019). This situation led to the major government operation known as “Operation Mercury” in February 2019, and a subsequent initiative known as the “Restoration Plan” in 2021.

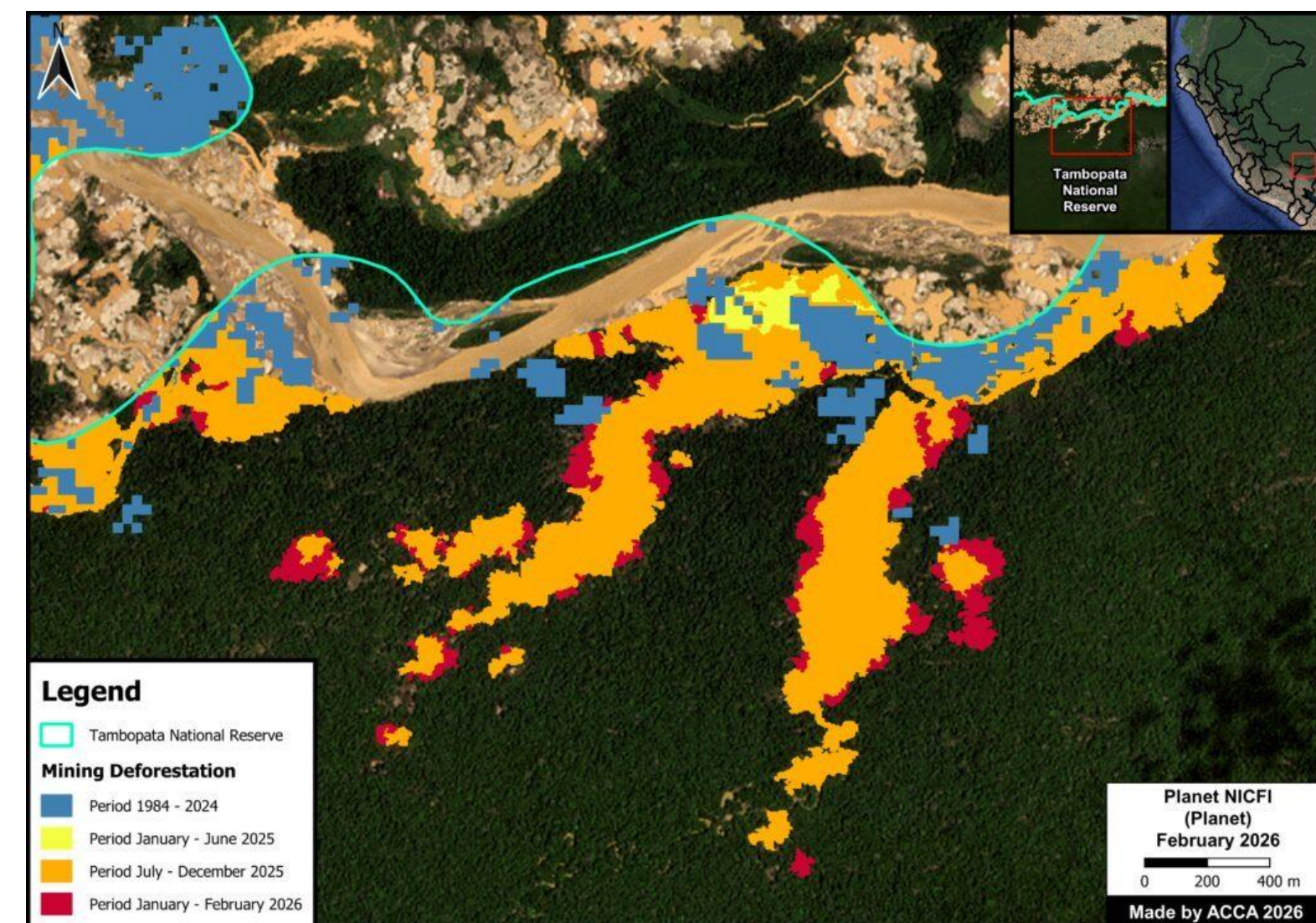
After a period of reduced mining activity due to Operation Mercury and the Restoration Plan, illegal gold mining has resumed an **alarming expansion** within Tambopata National Reserve, primarily during the second half of 2025 and early 2026 (see Graph 1 below).

During this recent period (2025–26), we find that a total area of **500 hectares** was deforested due to illegal mining in the northern part of the Reserve along the Malinowski River, which forms part of its northern boundary (see Base Map below).

Analyzing very high-resolution satellite imagery (Planet’s SkySat, 0.5m), we detected a total of **183 mining structures** (such as heavy equipment and excavators) and **67 mining**



Image 1. Recent expansion of illegal gold mining in Tambopata National Reserve. Data: ACCA, Planet.





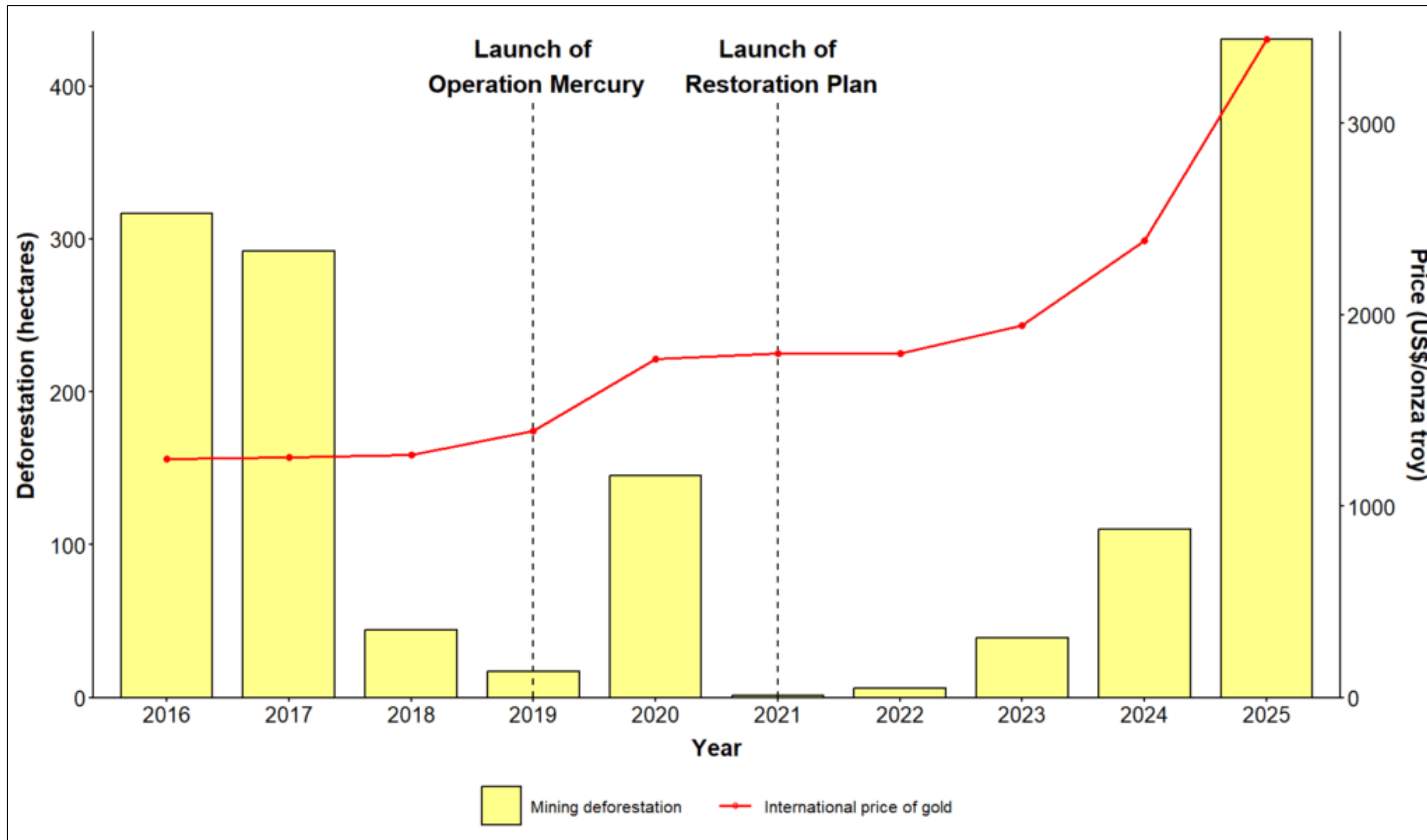
Legend

-  Mining infrastructure
-  Mining camp

Skysat
(Planet)
16 Feb 2026

0 15 30 45 m

Made by ACCA 2026



MAAP #247: River gold mining expansion in the northern Peruvian Amazon (Loreto region)

August 16, 2026



[Download PDF](#)

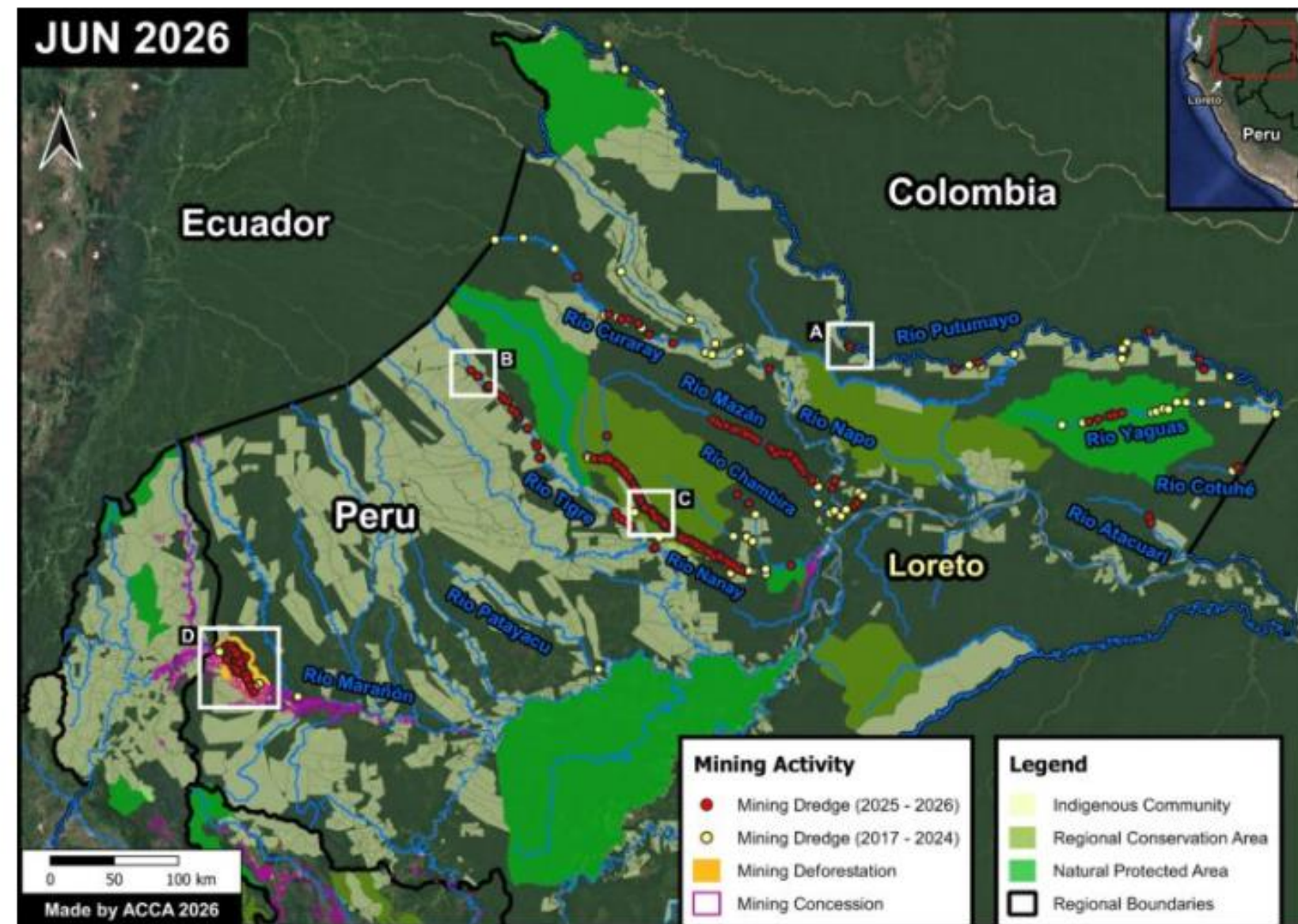
Gold mining has been expanding in recent years across various regions of the **Peruvian Amazon**.

Previous reports (for example, see [MAAP #241](#)) have shown the rapid expansion of gold mining deforestation in the southern Peruvian Amazon, particularly in the Madre de Dios region.

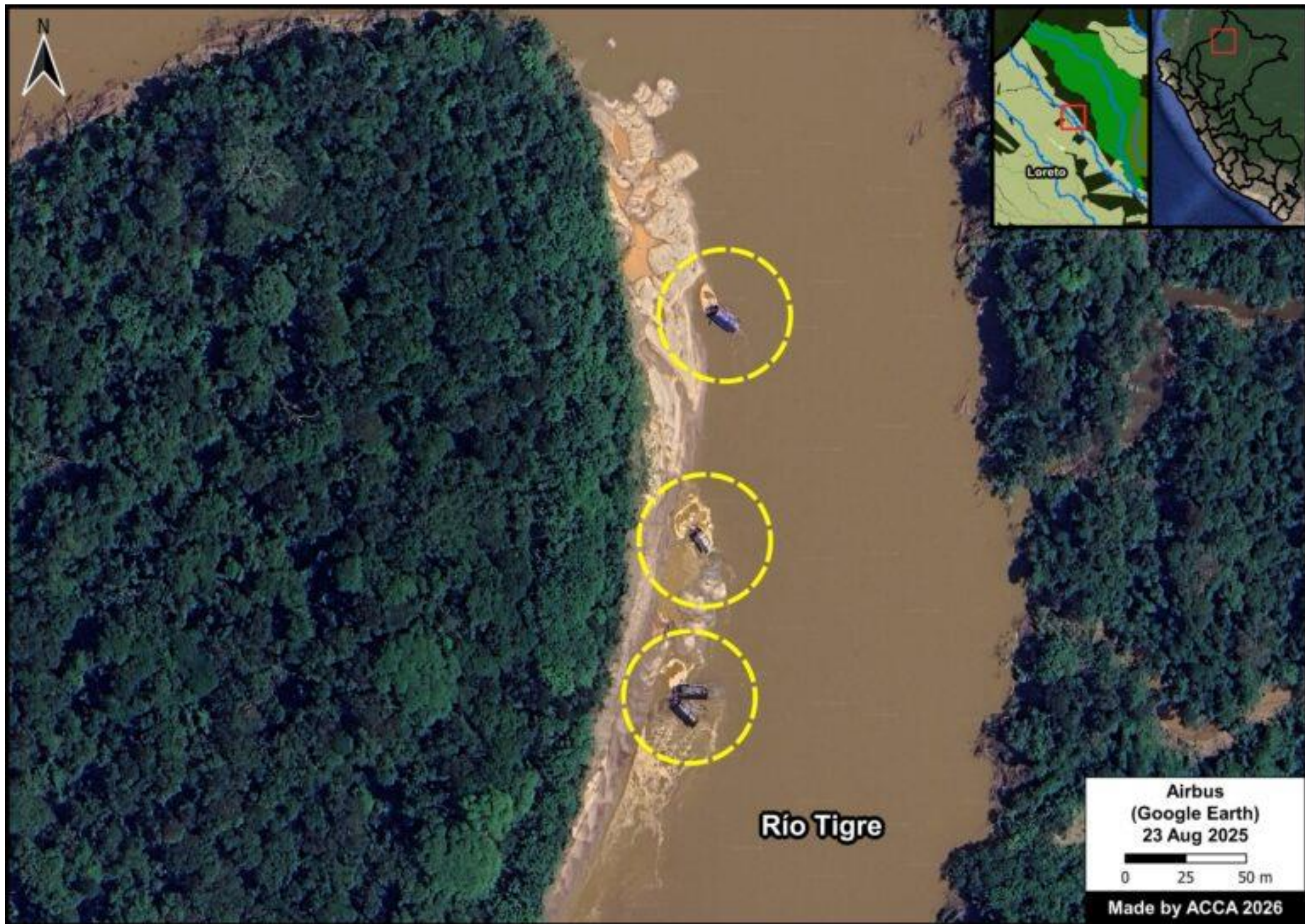
Our reporting has also indicated that gold mining continues to expand into other Amazonian regions (see [MAAP #233](#)), notably the **Loreto region** in the **northern Peruvian Amazon** (see **Base Map**).

Loreto is one of the Amazonian regions most affected by **river-based mining** activity. Mining dredges are a direct source of river contamination due to the substances used in the gold extraction process, most notably mercury.

During our active monitoring period from 2017 to 2026, we have detected or otherwise documented over **1,500 mining dredges** in the Amazonian rivers of the Loreto region (based on our detections from very-high-resolution satellite imagery and reports from other institutions, see Annex for details).



Base Map. Gold mining activity in Loreto, Peru. Data: ACCA, FAP, FEMA, FZS, GGF, IBC, SERNANP.



MAAP #245: Illegal gold mining in Puré River National Park (Colombian Amazon)

July 15, 2026



[Download PDF](#)

The **Puré River** flows through the heart of **Río Puré National Park** in the **southeastern Colombian Amazon** and then crosses into the northwestern Brazilian Amazon (**Figure 1**).

In addition to its extraordinary biodiversity and high carbon stocks, this protected area is home to Indigenous communities, including **Indigenous peoples living in voluntary isolation** (specifically, the **Yurí and Passé**). Their presence has been confirmed by the Colombian State (Resolution 244 of 2024), and their high vulnerability is widely recognized internationally.

In [MAAP #228](#), published in May 2025, we reported the presence of more than 50 mining dredges along the course of the Puré River within the National Park.

Here, we warn that this illegal gold mining is now expanding outwards and causing substantial mining deforestation along the Puré River (see **Figure 2**).

Specifically, we present a novel **monthly analysis** of mining-related deforestation from January 2024 to the present (May 2026) along the impacted stretch of the Puré River, near the border with Brazil.

This analysis captures its **emergence in mid-2024** and subsequent **escalation in 2025**, which led to two major binational operations involving the governments of Colombia and Brazil.

We also show that the gold mining deforestation has again **intensified in 2026**.

In total, we report the accumulated gold mining deforestation of **506**

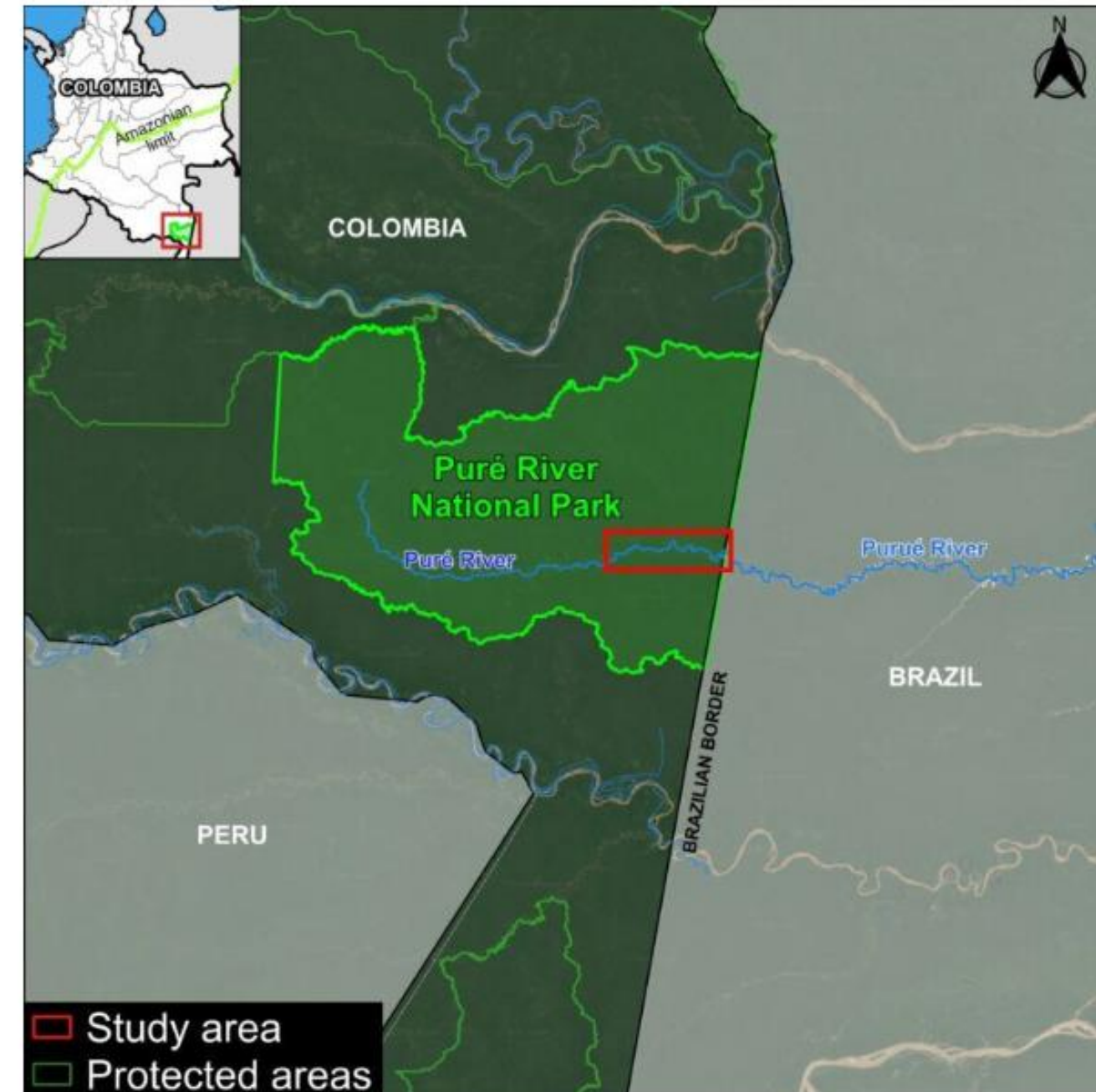
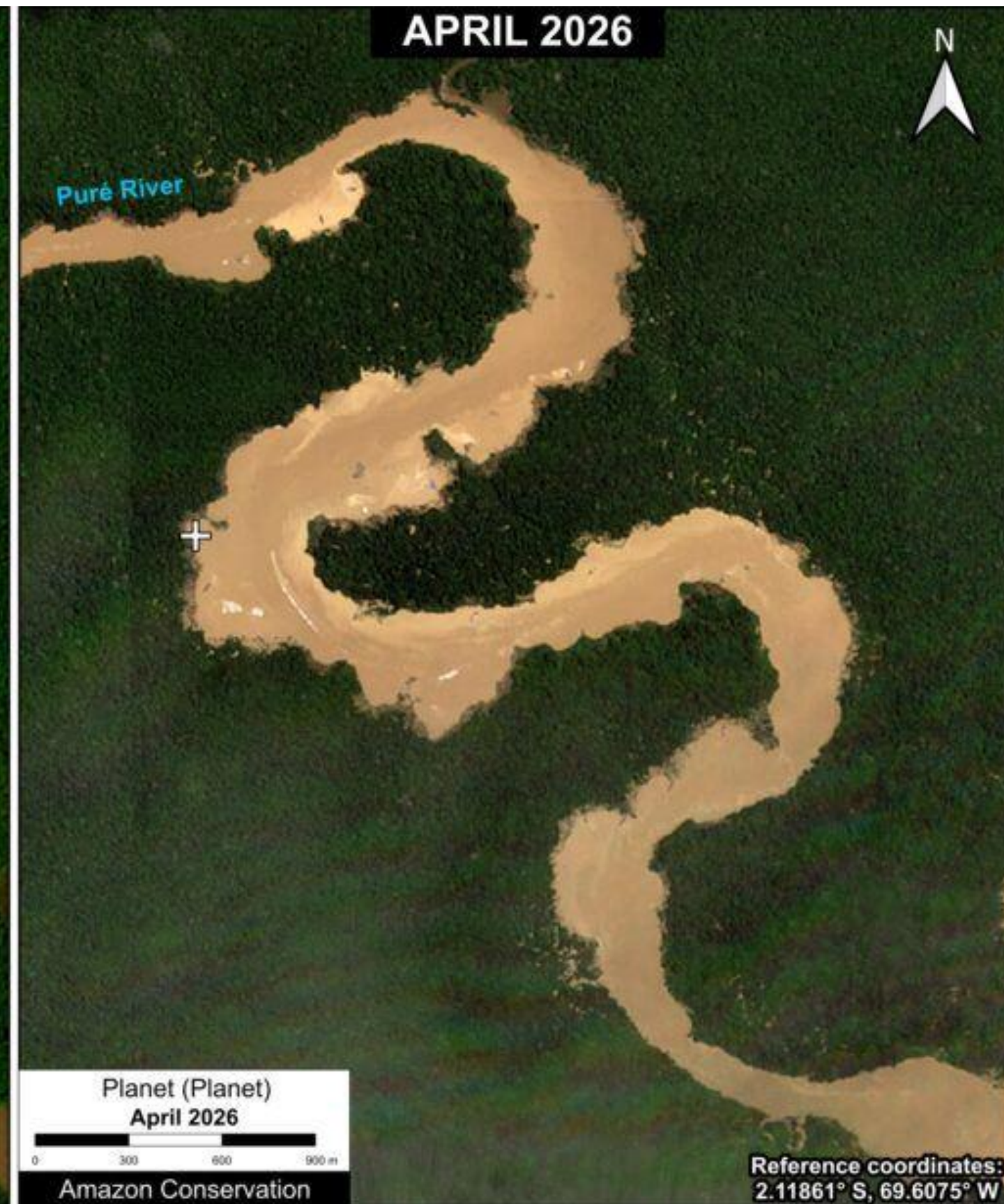
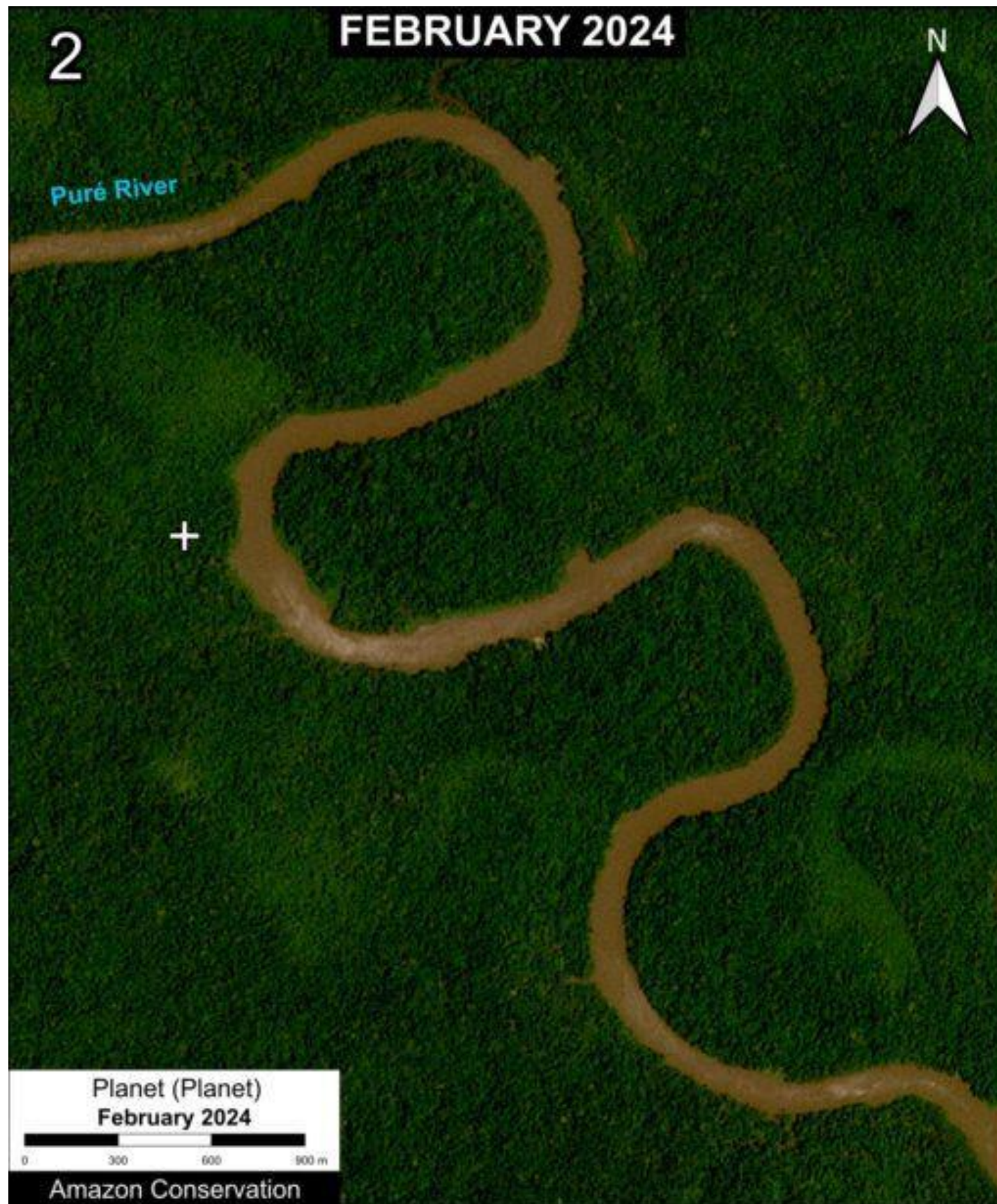
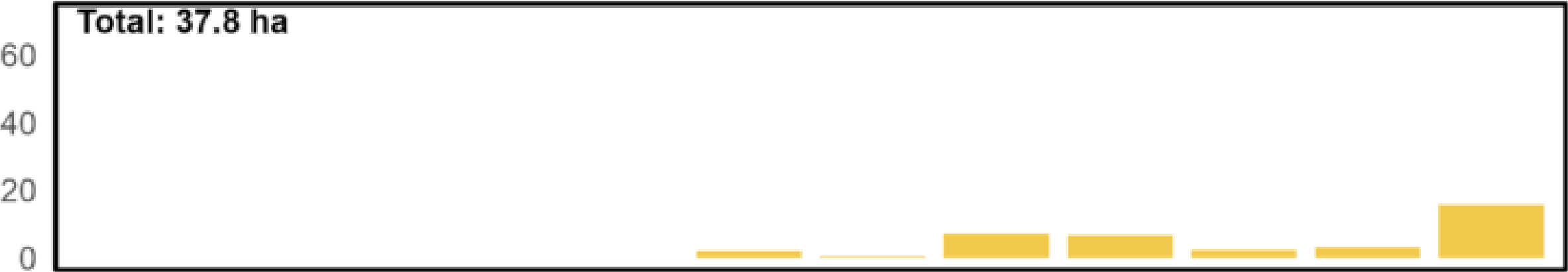


Figure 1. Illegal mining zone in Río Puré National Park. Data: Amazon Conservation/MAAP

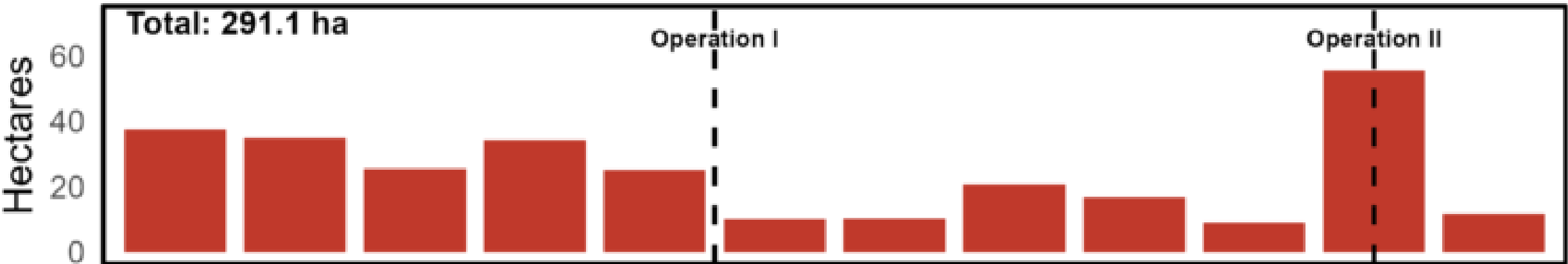


Gold mining deforestation, Puré River (2024-26)

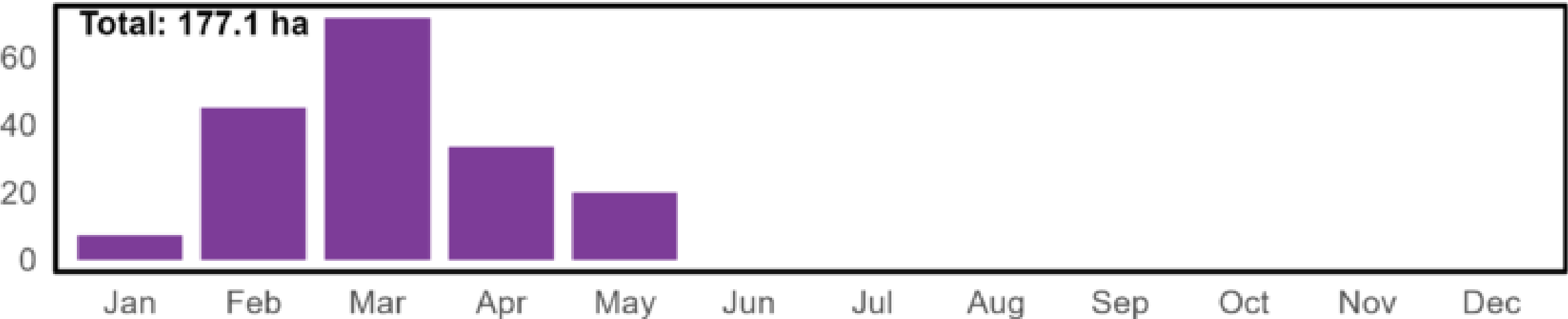
a) 2024



b) 2025



c) 2026



Digital Tools Evolution

2015



2016-17



2019-20

Earth Engine Apps

AMAZON REAL-TIME FIRE MONITORING



PeruSat

2021

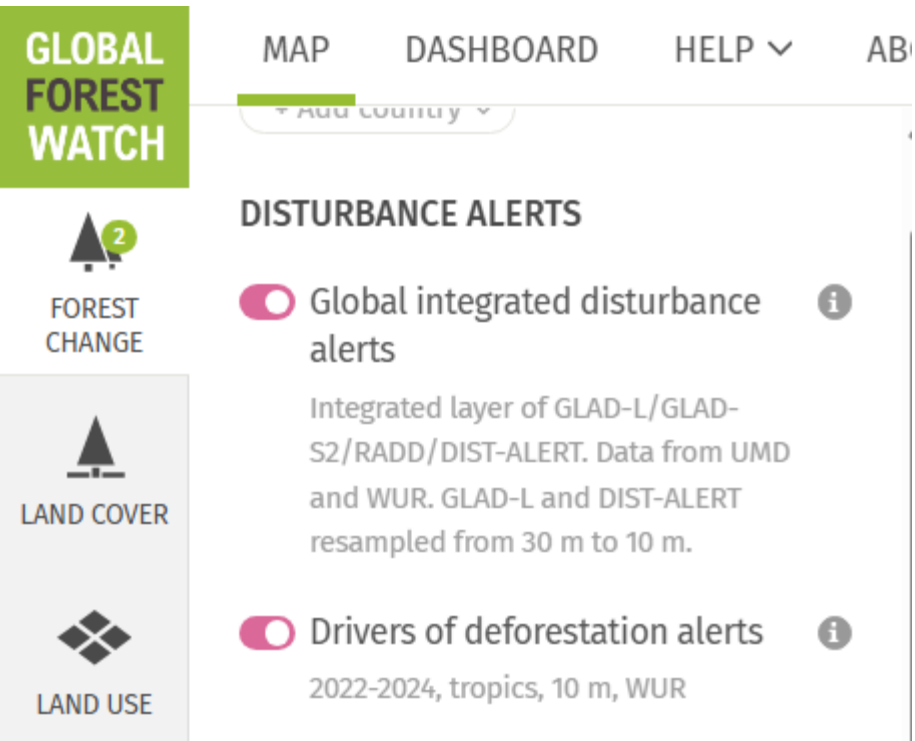
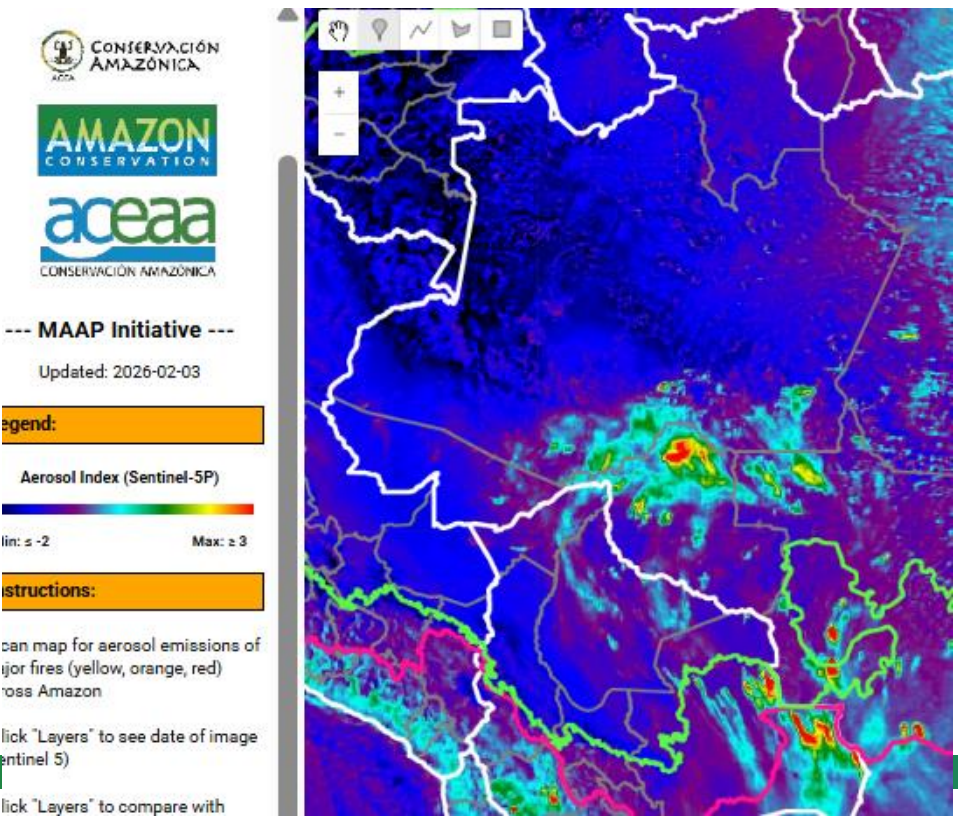
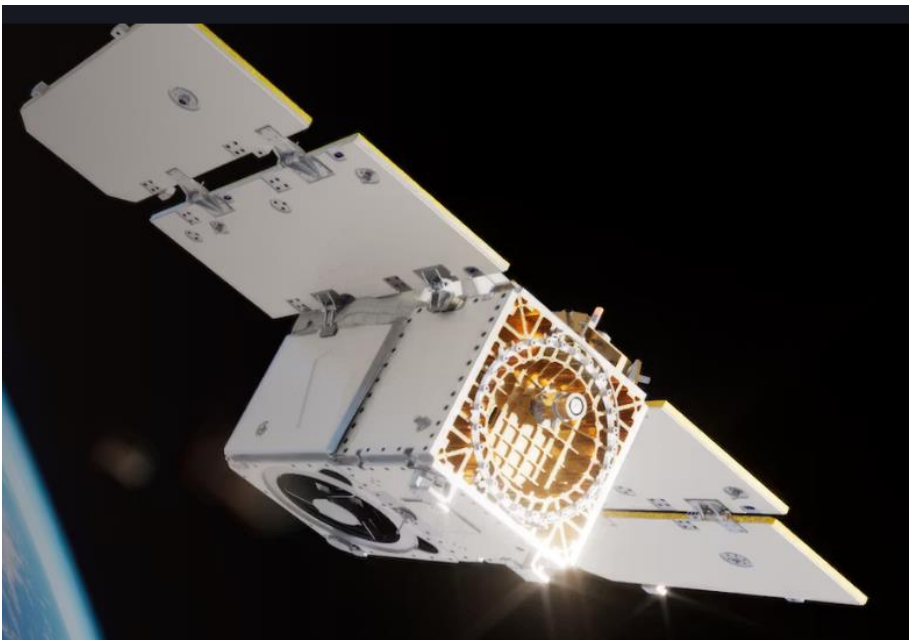
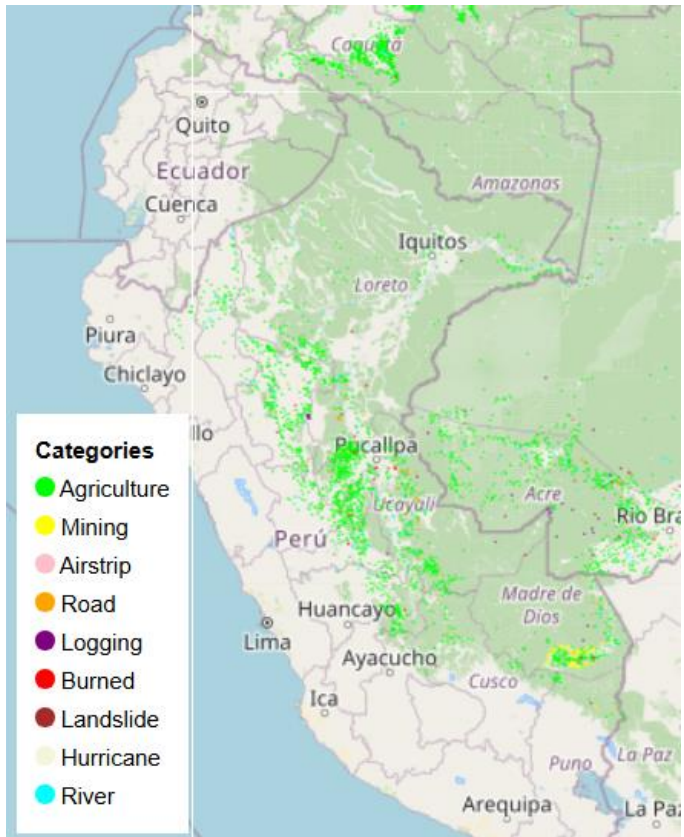
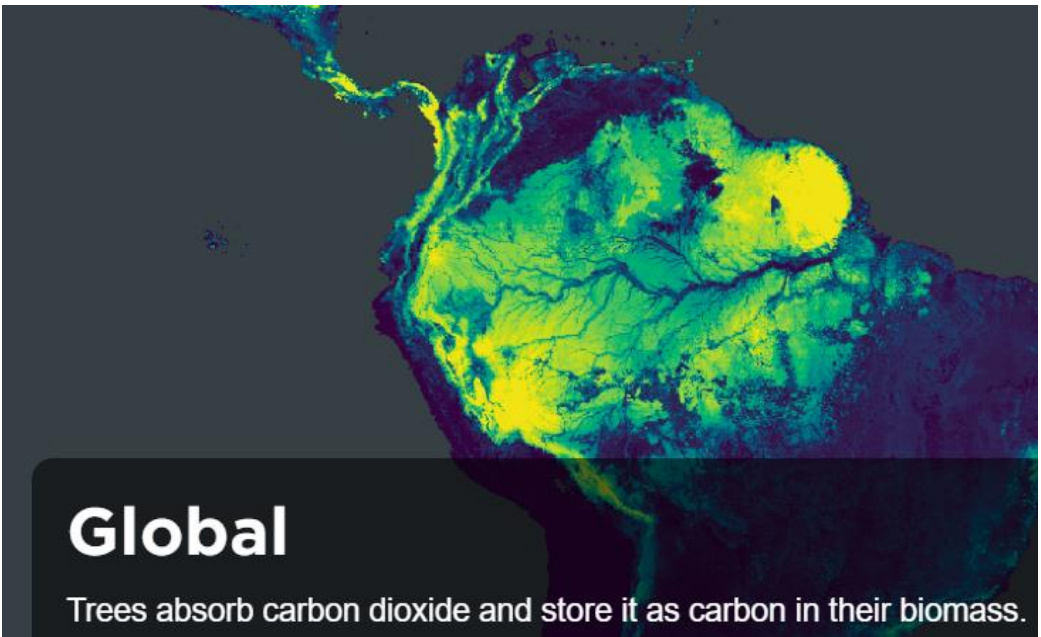


Tasking Dashboard



Digital Tools Evolution

2022 – 2026



Detecting Artisanal Mining at Scale with AI

Amazon Mining Watch & Earth Index



**Earth
Genome**

earthgenome.org
mikel@earthgenome.org



**Earth
Index**





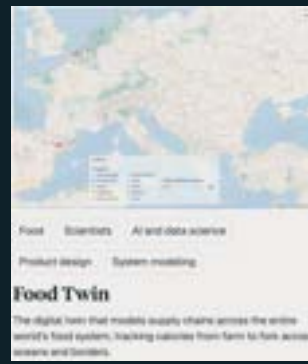
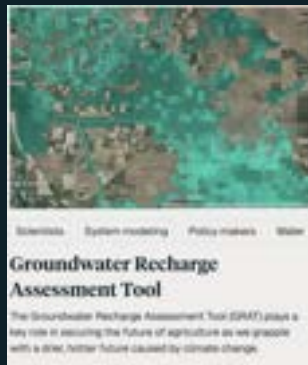
**Earth
Genome**

**Mission Driven
US Non-profit**



**Data, science and
people for the planet**

Projects And Partners



Supported By:









An illegal mine surrounds Yanomami Indigenous huts in Yanomami Indigenous land, Brazil, January 10, 2024. REUTERS/Ueslei Marcelino

From Manual Interpretation to AI Modelling



Pulitzer Center



Earth
Genome

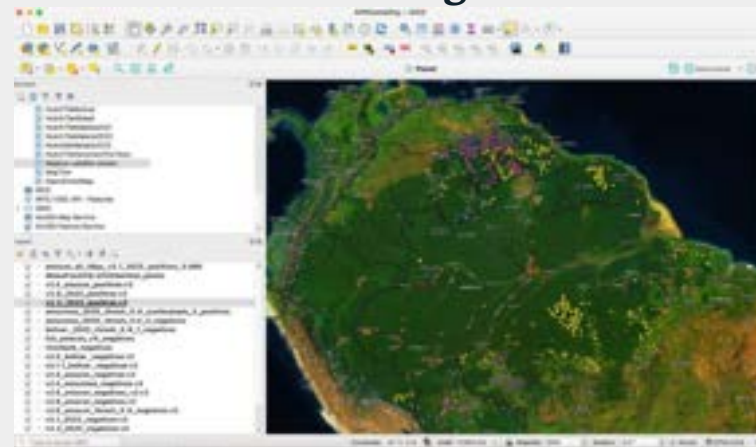


Earth
Genome

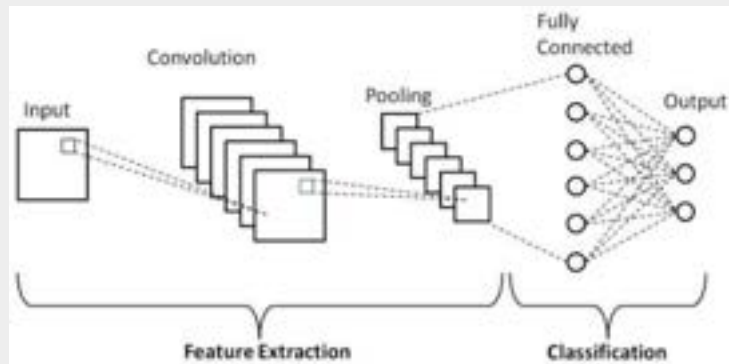
Sentinel-2, Annual from 2018, Quarterly Prior 2 years



20K+ training labels



Convolutional Neural Network



Detections





Processing

- Annual from 2018, Quarterly prior 2 years
- Mining Area Estimates (Patches->Pixels)
- Aggregation by Administration, Protected, Indigenous Areas
- Economic cost by Conservation Strategy Fund
- Presumption of Illegality



AMAZON
MINING
WATCH

Countries

Entire Amazon

Pulitzer Center

Rev

AMAZON

Earth
Genome

MINING ACTIVITY

Single period Cumulative

Older More recent

2025 Q4 2026 Q1 2026 Q2

Entire Amazon

Total area affected by mining until 2025 Q2

1.149M hectares

Area over time (hectares)



Presumption of legality

Breakdown of mined area

Very high High Medium Low Not



Units: Hectares

300 km

© Mapbox © OpenStreetMap

Protected areas

Imataca - creeds - Venezuela

Imataca
creeds
Venezuela

Imataca

Protected areas - Venezuela
Area status: creeds

Total area affected by mining until 2026 Q2

45.62k hectares

Area over time (hectares)



Total socio-environmental cost until 2026 Q2

81M USD [More details](#)

Presumption of illegality

Breakdown of mined area

100%

MINING ACTIVITY

Single period

Cumulative

Older

More recent

<

2025 Q4

2026 Q1

2026 Q2

>

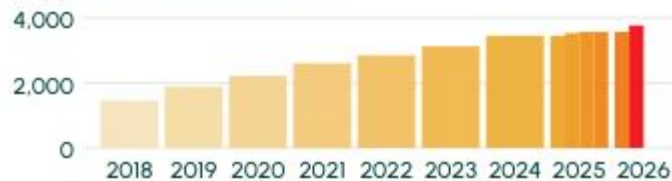
TRES ISLAS

Indigenous territory - Peru

Total area affected by mining until 2026 Q2

3,768 hectares

Area over time (hectares)



Total socio-environmental cost until 2026 Q2 ?

1,100M USD [More details](#)

Presumption of illegality ?

Breakdown of mined area

High Medium Low



Amazon Mining Policy Scoreboard

Over the last years, the Amazon has become a focal point for both political commitments and financial pledges aimed at halting deforestation and advancing sustainable development. Yet, despite this wave of ambition, the Amazon remains under siege. Gold mining, in particular, continues to drive deforestation, degrade ecosystems, and displace Indigenous and traditional communities, exposing the disconnect between political discourse and on-the-ground realities.

To address this gap, Amazon Conservation is launching a regional-scale initiative: the "Amazon Mining Policy Scoreboard". Leveraging the power of Amazon Mining Watch and the organization's network of local partners, this scoreboard identifies leading performers and laggards in order to promote accountability, encourage competition, guide resource allocation, and support evidence-based decision-making. In the context of environmental governance, this scoreboard can play a critical role in aligning regional, national, and subnational actions with global sustainability targets by making implementation disparities visible and actionable.

[Read the analysis of regional takeaways and recommendations.](#)

Country Rankings

Countries are evaluated across three key dimensions: legal frameworks, mining policies, and investigation and enforcement. Each dimension is worth up to five points, for a total possible score of 15. Click on "Details" to view the full analysis for each country.



[← Back to Policy Scoreboard](#)

Colombia

[Download report in PDF format.](#)

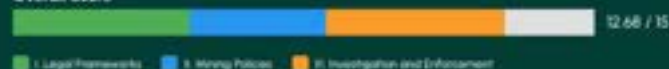
Colombia is the only country to achieve a perfect score on mercury regulation, through restrictions on mercury commercialization and use in ASM, the establishment of a national user registry (Registro de Usuarios de Mercurio) and full compliance with the Minamata Convention, highlighting the incorporation of intersectional strategies and Amazon-specific goals into its National Action Plan.

On machinery regulation, **Colombia** stands out for combining legal limits on machinery types in ASM with proactive monitoring requirements mandating that operators equip heavy equipment with GPS or similar tracking devices.

Country Assessment Score

Colombia's overall score is **12.68 out of 15**. It represents the sum of its scores across the three dimensions listed below.

Overall Score



Assessment Dimensions

Below is the full analysis of each category within the three assessment dimensions used to develop the country's score. Each dimension is scored from 0 to 5, based on a weighted combination of its individual category scores.

Code and Data

<https://amazonminingwatch.org/en/data-code-and-methods>

How can we enable anyone
to create their own
Amazon Mining Watch?

We were
making lots of
models

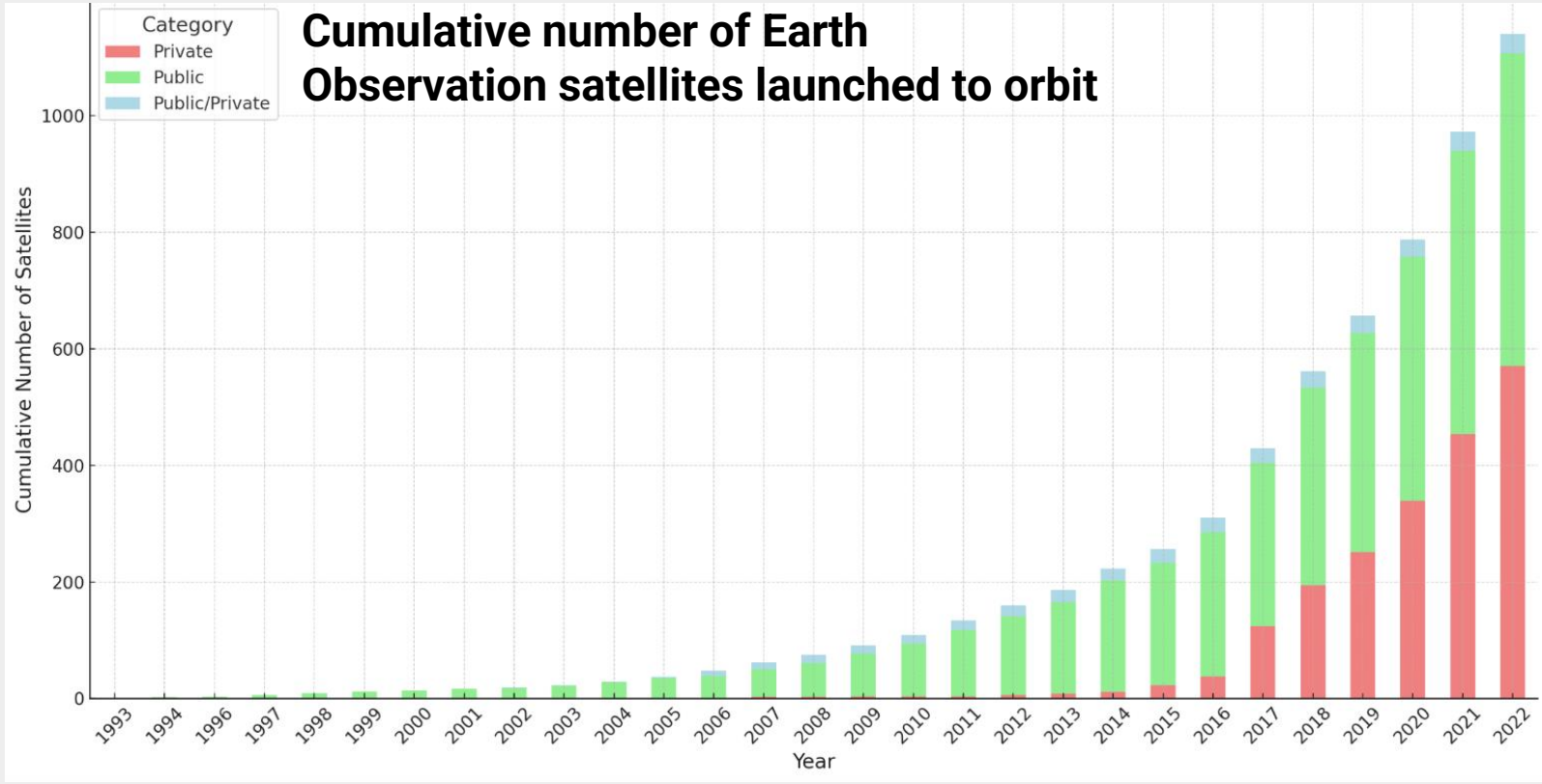


(this squiggle was really time-consuming)



leocaxias commented on Jul 31, 2023

I would like to know if the mentioned models can operate in airstrip detection instead of mines, or if I would need to train another model?



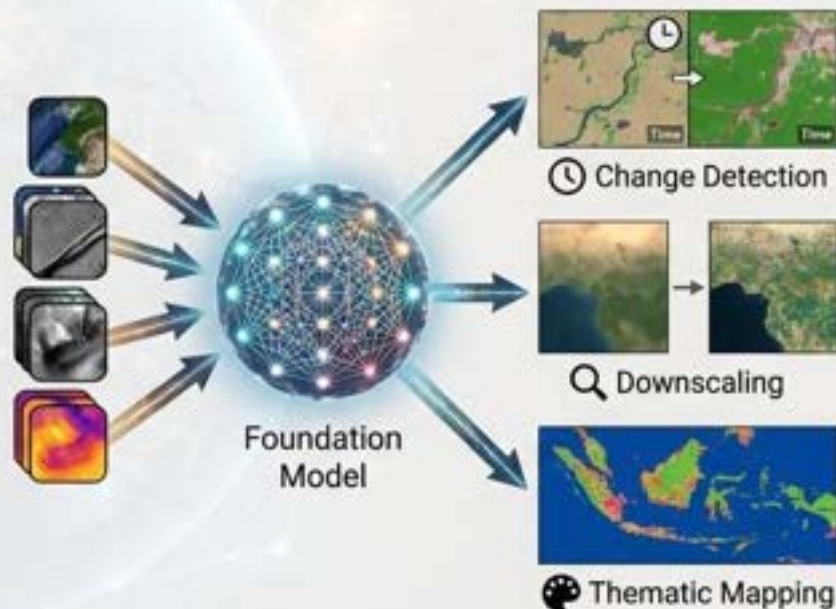
From Custom Models to Foundation Models: Scaling EO AI

TODAY: Single-Task, Custom Models



Limited to specific tasks & regions.

TOMORROW: Multi-Task, Foundation Models



Enables diverse applications from one model.

Self-supervised pre-training

in out

We need to stop

We need to stop anthrop

We need to stop anthropomorph

We need to stop anthropomorphizing

We need to stop anthropomorphizing Chat

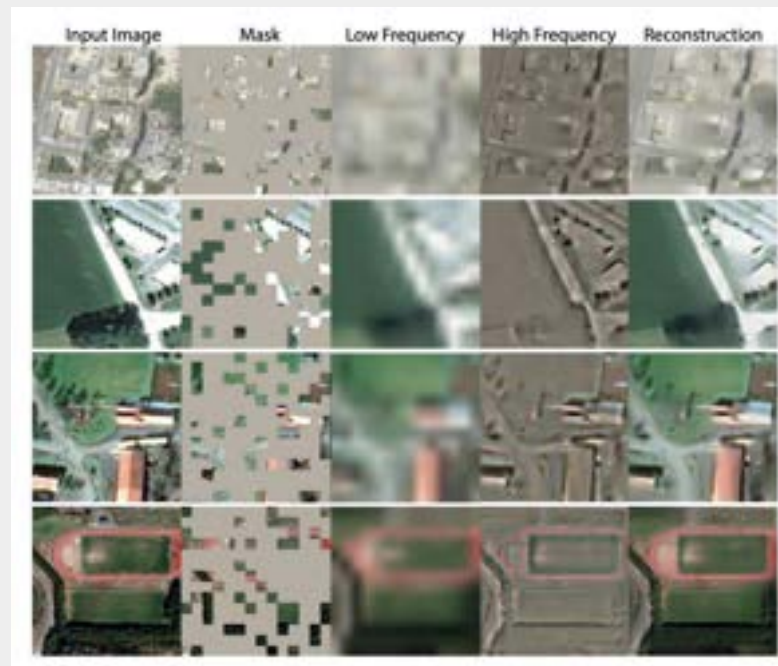
We need to stop anthropomorphizing ChatG

We need to stop anthropomorphizing ChatGPT

We need to stop anthropomorphizing ChatGPT.

Ben Stollnitz

Text (e.g. GPT)



Reed et al, 2023

Remote sensing (e.g. Alpha
Earth)

Earth Genome's Role

Scale of data



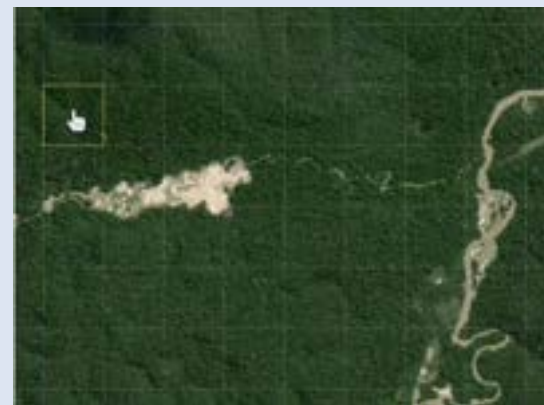
ML models



Developer Ecosystem



Applications



Earth Index

Time to Impact

Power of Earth Index

Days to Create

800

600

400

200

0



THE PLOTLINE
(Chicken Feedlots
and Methane)

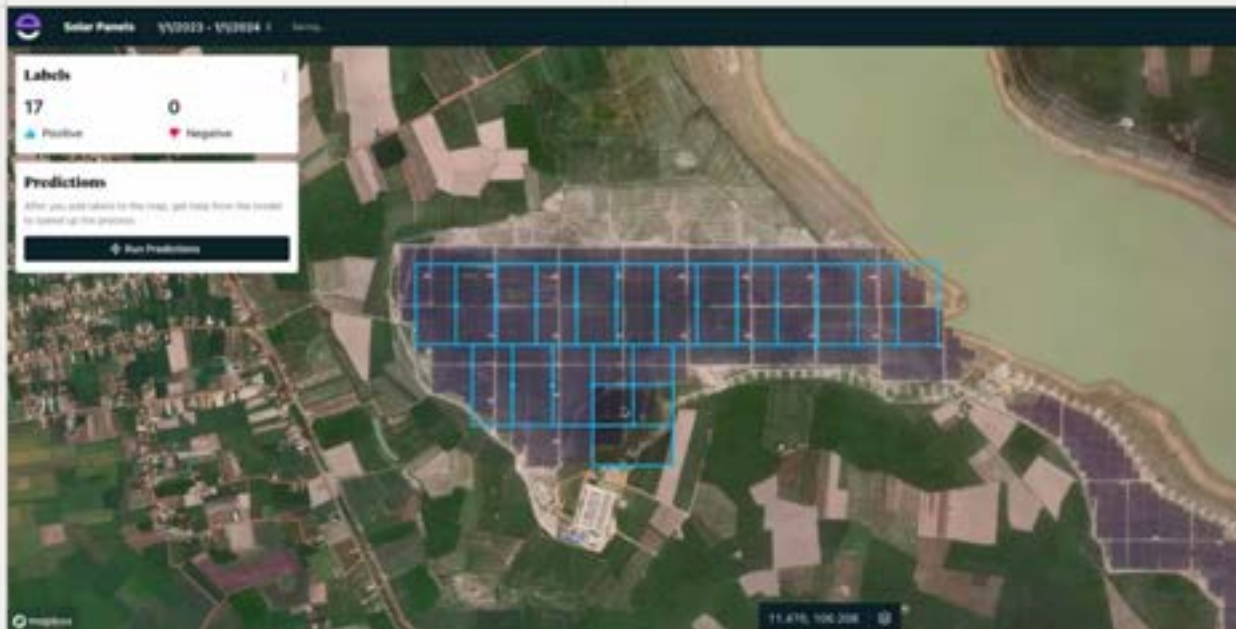
1. Assign labels

2. Run predictions

3. Repeat

Define what you're looking for

Apply positive and negative labels to known locations, training AI to identify patterns and exclude irrelevant areas.



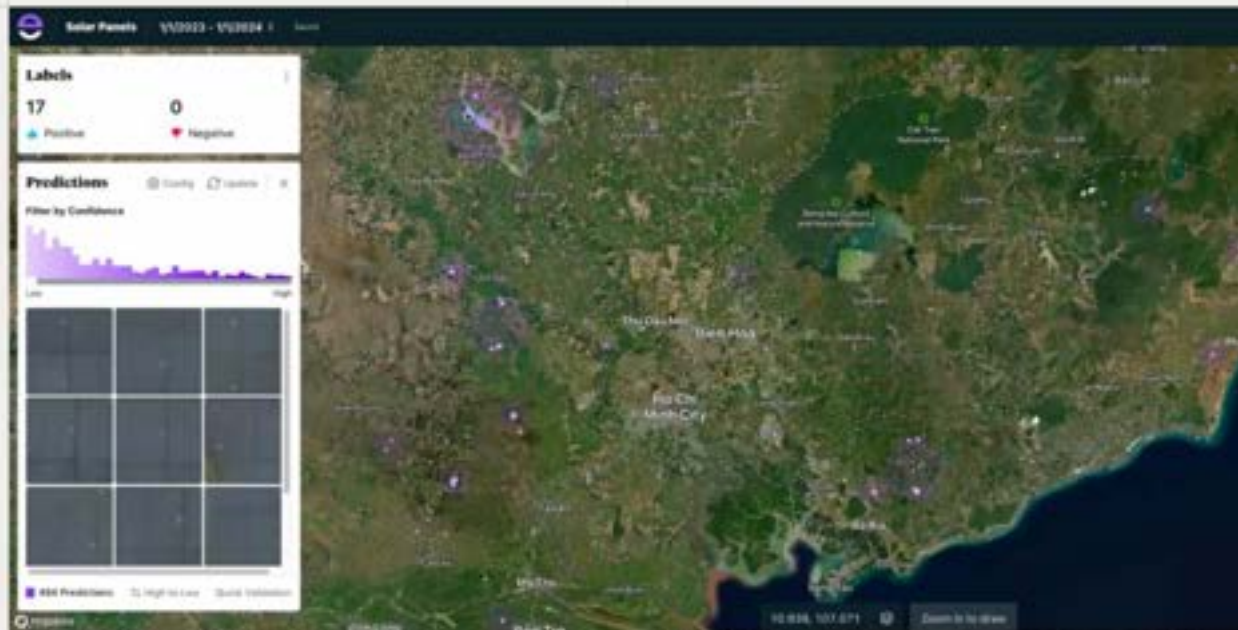
1. Assign labels

2. Run predictions

3. Repeat

Find similar locations

Let AI analyze satellite imagery and find areas that match your criteria. Filter results, adjust search parameters, and explore predictions on the interactive map.



1. Assign labels

2. Run predictions

3. Repeat

Iterate for precision

Review the results, add more labels, and watch AI improve. Keep refining until you get the exact insights you need, then export your findings.



<https://earthindex.ai/>



**Earth
Index**

- Global Coverage
- Change Detection & Monitoring
- AI Report Automations
- Auto Label Generation

#Waste water



#Roadbuilding



#Mining



#Waste sites



#Logging



#Ecosystem disturbances



Real World Impact

ENVIS
IMAGE

Detecting cattle operations

Large-scale livestock facilities can have significant environmental impacts, including contributing to 14.7% of greenhouse gas global emissions.



ENVIS
IMAGE

Tracking narco airstrips

Commercial airstrips used for drug transport often remain hidden and difficult to detect in the Peruvian Amazon.



ENVIS
IMAGE

Uncovering illegal mining in the Amazon

Deep and widespread mining in the Amazon can cause deforestation, water contamination, and habitat destruction.



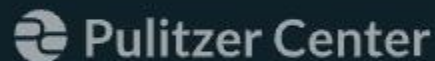
Mapping the spread of illegal mining across Africa

You can't stop what you can't see. Join us to create data for people working to stop mining harm to human health and the environment.



Challenges to Africa Mining Watch

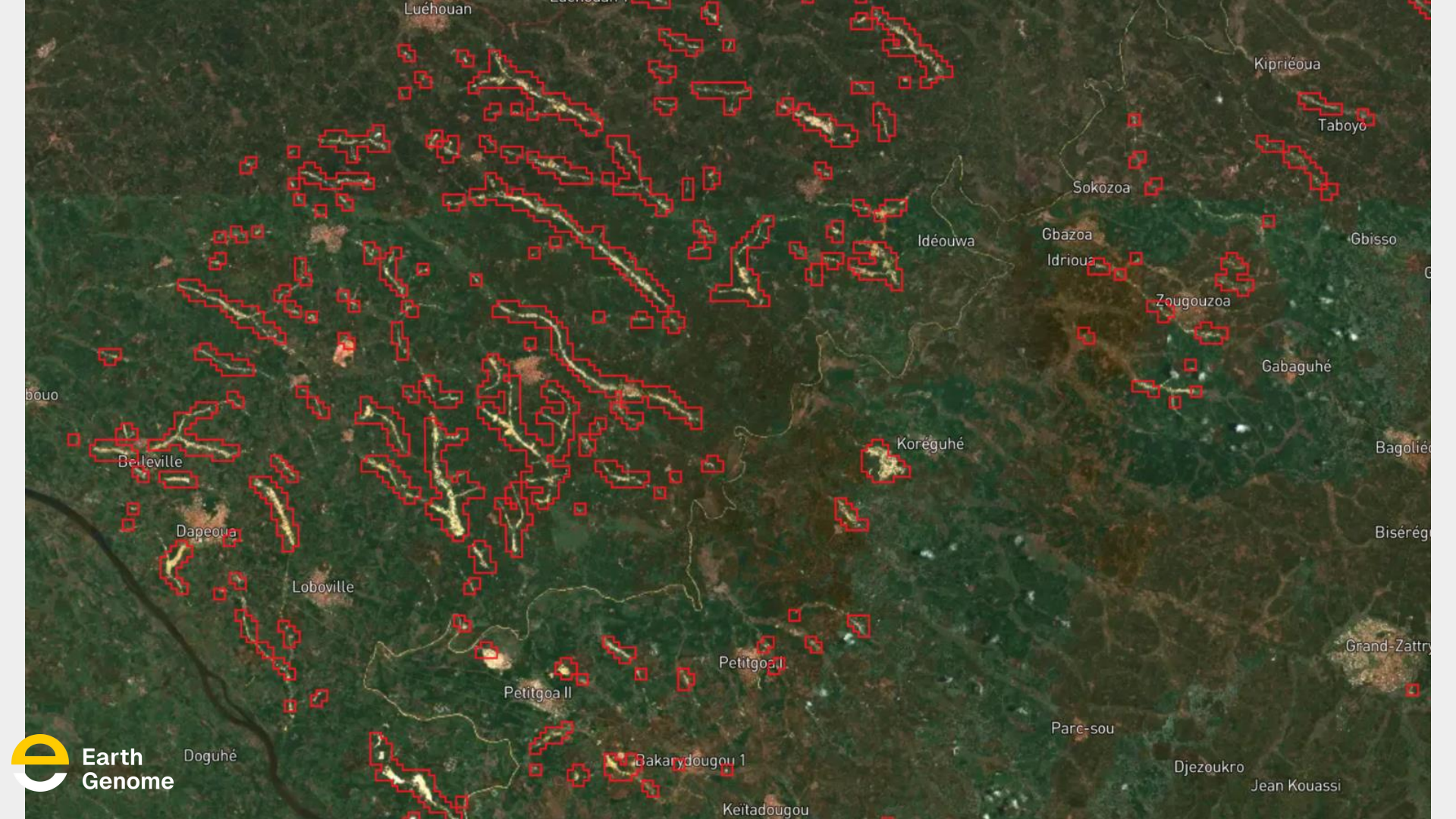
- Across the entire continent
- Many minerals
- Many landscapes
- Uncoordinated response
- Unclear legal environment
- Strong financial flows



Join the Africa Mining Watch Mapathon

Code for Africa, Pulitzer Center and Earth Genome are launching Africa Mining Watch — a groundbreaking tool that uses satellite imagery and AI to detect mining operations across Africa. To mark this launch, we're **inviting 20 journalists** from across the continent to participate in an exclusive online mapathon focused on West Africa and the Congo basin on **22 April 2026**.

 WHEN 22 April 2026	 TIME 11:00 am CET/WAT
 FORMAT Online via Zoom	 COST Free
 DURATION 7 hours (including 1 hour break)	 SEATS 20 participants





Successful closure of the huge Kila mine in Gashaka Gumti NP

**African Coalition Against Land Degradation and
Environmental Pollution from Illegal Artisanal and Small-
Scale Mining**



*What can we build together?
What monitoring and investigative remote sensing workflows
can be made more consistent and efficient?
What problems can we identify to test out the approach?*

Detecting Artisanal Mining at Scale with AI

Amazon Mining Watch & Earth Index



**Earth
Genome**

earthgenome.org
mikel@earthgenome.org



**Earth
Index**

