



Food and Agriculture
Organization of the
United Nations

Digital public infrastructure for deforestation-related trade regulations

FOREST DATA
Partnership

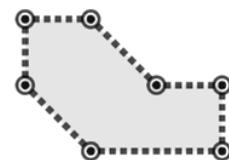
 Sustainable Agriculture
for Forest Ecosystems

AIM-Forests

Digital Public Infrastructure



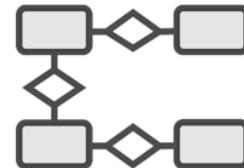
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GEOID	TMF	CFG	GAEZ	PA	Alert	LCLU
9b1d5ef0d45a4...	10	30	1	yes	1000	Trees
83c6a7f4b2e94...	9	30	1	no	200	Trees
1a9d4b7e2c5f4...	10	10	1	no	200	Agri.
4f8c1b3e7d2a4...	1	70	4	no	100	Bare

Boundaries

- Field data
- Digitized manually
- Segmentation

Unique Geo-IDs

- GDSP compliant
- Anonymous
- Attribute-less

Public geodata

- Land cover
- LC Change
- Biophysical
- Land use

Public models

- AI models
- Decision trees

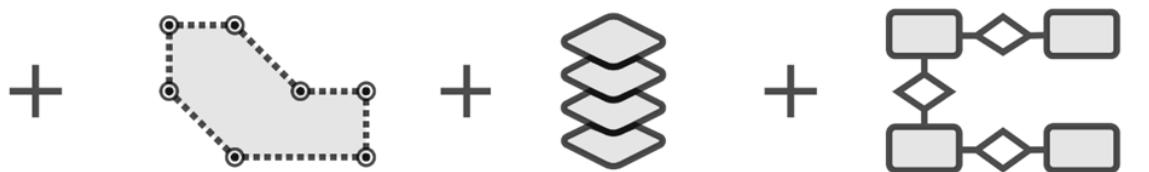
Compliance support

- Standardized data
- Risk assessment at the plot level

Digital Public Infrastructure prototype



Sustainable Agriculture
for Forest Ecosystems



Convergence of evidence

- No single geospatial layer of information can prove compliance
- Convergence of evidence from multiple layers can support compliance claims
- National circumstances and datasets should be taken into account
- Robust, transparent and reproducible analysis requires public datasets and processes

www.github.com/forestdatapartnership/whisp



What is in that plot? (WHISP)

Documentation

Submit Geo IDs

Submit Geometry

Results ⓘ

Download CSV

PLOTID	GEO ID	CENTROID_LAT	CENTROID_LON	COCOA_ETH	COCOA_BNETD	COUNTRY	ESA_TC_2020	ESA_FIRE_2001	ESA_FIRE_2002
1	c73172da7a0a50c87eed...	-1.62	6.13	100	0	GHA	87	0	0
2	2ff3962841cdfe820b31...	-2.15	5.98	0	0	GHA	100	0	0
3	88bec54ad04804f5b1fa...	-1.61	6.16	0	0	GHA	100	0	0
4	c288d6c94efa9011c0e3...	103.96	-3.05	0	0	IDN	93	0	0
5	1a41a309ae2387f36a60...	103.97	-3.07	0	0	IDN	99	0	0
6	1a4472dc40700ef3f93...	103.98	-3.08	0	0	IDN	100	0	0
7	b84f55de2b7f3c77d1cb...	-4.09	5.67	75	0	CIV	87	0	0
8	0520cfac98fbcb1bd7952...	-4.1	5.71	0	36	CIV	77	0	0
9	b7c15efb6e3c63fcfe64...	-4.12	5.57	0	1	CIV	100	0	0

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Integration of Whisp

In traceability solutions

- INA Trace
- CARTO
- TechnoServe
- FarmForce
- DFTG - ITC
- MiCacao

By operators & producers

- Louis Dreyfus Company
- Lavazza
- CEMOI
- EFICO
- UNILEVER
- CICC
- FODECC



More info at www.openforis.org/solutions/whisp

The screenshot shows a web browser window with the URL openforis.org/solutions/whisp/. The page features the Open Foris logo (a stylized tree icon) and navigation links for Home, Solutions, Collaborators, Events, Materials, and User Forum. Below the navigation is a breadcrumb trail: Solutions / Whisp. A large aerial photograph of agricultural fields is the background for the content area. On the left, a white callout box contains the Whisp logo (a green circle with a blue grid pattern) and a descriptive text block.

Whisp

What is in that plot is an open-source solution which helps to produce relevant forest monitoring information and support compliance with deforestation-related regulations. Whisp is **robust**, **transparent**, and **replicable**, built on **interoperable open standards**. All code is open, publicly available, and can be inspected, reproduced, and adapted on [GitHub](#).



Commissioned by:



Federal Ministry
for Economic Cooperation
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