OP

OrbitalPulse Intelligence

SATELLITE DUE DILIGENCE · EUDR VERIFICATION REPORT

EU DEFORESTATION REGULATION (EU) 2023/1115 — VERIFICATION REPORT & GEOLOCATION VERIFICATION STATEMENT

COMPLIANT
DEFORESTATION-FREE

SATELLITE & GEOLOCATION COMPLIANT — ZERO DEFORESTATION VERIFIED

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SECTION A — SUPPLY CHAIN & COMMODITY IDENTIFICATION

REGULATION (EU) 2023/1115 · ART. 9 / ART. 29

EU OPERATOR / IMPORTER	**Nordic Specialty Coffee Imports AB (SE)**
EXPORTER / SUPPLIER	**Akdeniz Roastery & Coffee Trading A.Ş. (Mersin, TR)**
SHIPMENT / CONTAINER REF	**MSCU-5521983 / 2×40HC / INV-CF-2026-0912**
NET QUANTITY / VOLUME	**38,400 kg (2 Containers)** Art. 9.1(c) — net quantity of the relevant commodity
COMMODITY & HS CODE	**Roasted & Green Coffee Beans (HS 0901.21)**
COUNTRY OF PRODUCTION / ORIGIN	**Ethiopia (ET) — STANDARD RISK (Implementing Reg. (EU) 2025/1093)** Risk class follows production origin · Art. 29 / (EU) 2025/1093
COUNTRY OF PROCESSING / EXPORT	**Türkiye (TR) — LOW RISK (Implementing Reg. (EU) 2025/1093)** Processing / export hub — does not override production-origin risk class
CADASTRAL REFERENCE	**Yirgacheffe / Gedeo — batch ET-YRG** Art. 9 plot / cadastre identification
LEGALITY COMPLIANCE (ART. 9.1.H)	**Verified — Operator Harvest/Origin Permits Attached & WORM Archived** Art. 3(b) & Art. 9.1(h) — relevant legislation of the country of production
LEGAL CUT-OFF DATE	**31 December 2020** Mandatory baseline — no deforestation after this date
5-YEAR MANDATORY ARCHIVE UNTIL	**19 November 2031** WORM-verified cloud archive (immutable object store)

SECTION B — TRACES NT GEOLOCATION & POLYGON COMPLIANCE

ART. 9 — GEOLOCATION REQUIREMENTS

PARCEL COUNT

12 Parcels

Job OP-EUDR-COFFEE-ET-TR-2026

TOTAL GEODETIC AREA

34.20 ha

WGS84 geodesic area · GSD-resolved from GeoTIFF metadata

GEOMETRY RULE COMPLIANCE

PASSED

≥ 4 ha polygon rule · WGS84 EPSG:4326 · 6-decimal precision

EXPORT READINESS

CLEAN BATCH

12 / 12 Parcels Passed (0 Excluded)

TRACES NT DDS REFERENCE	**Ready for TRACES NT Upload (GeoJSON Validated)** Operator Due Diligence Statement filing reference

DOCUMENT SHA-256 FINGERPRINT

3c9a7e1f4b82d605a9e3c7f1b4d8206e5a1c9f3b7d2e8406a1f5c9b3e7d2048a

SECTION C — SATELLITE DEFORESTATION ASSESSMENT SUMMARY

2020 BASELINE VS. CURRENT ASSESSMENT

2020 BASELINE FOREST COVER (PRE-31 DEC 2020)

29.80 ha

Acquisition: 2020-08-14
Sensor: Copernicus Sentinel-2 L2A

CURRENT FOREST COVER ASSESSMENT

29.80 ha

Acquisition: 2026-11-15
Sensor: Copernicus Sentinel-2 L2A

POST-2020 FOREST COVER LOSS

Zero Deforestation Verified — PASSED (0.00% Loss)

Measured delta: 0.00 ha
Compliance: COMPLIANT_PASS

Auditor Compliance Note. Copernicus Sentinel-2 L2A time-series × EU JRC Global Forest Cover 2020: **0.00% post-2020 forest cover loss** (Art. 3 zero-tolerance). Art. 9 geolocation rules satisfied. Supports operator DDS under (EU) 2023/1115 — not a competent-authority determination.

Technical note (auditor only): ≈10.0 m GSD sensor/model uncertainty is disclosed for transparency and does not create a deforestation tolerance threshold.

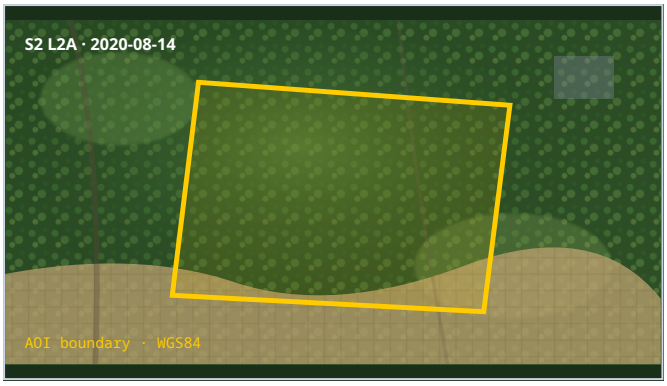
ANNEX — SATELLITE VISUAL EVIDENCE, LAND-COVER CLASSIFICATION & CRYPTOGRAPHIC VERIFICATION

SECTION D — SIDE-BY-SIDE SATELLITE VISUAL EVIDENCE (2020 VS. CURRENT)

BEFORE / AFTER CUT-OFF COMPARISON

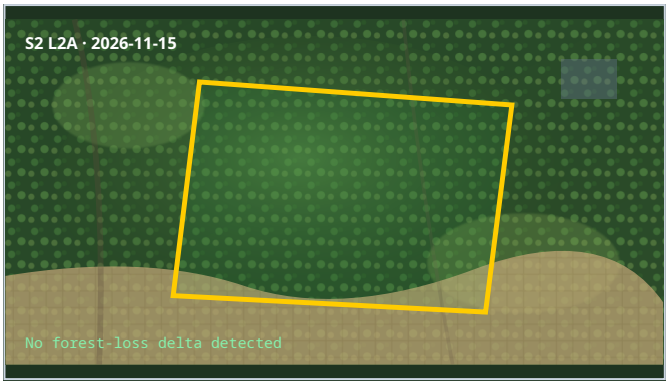
Representative Plot: Parcel #01 of 12 (ID: ET-YRG-001 | 4.20 ha)

BASELINE REFERENCE — 2020-08-14 (PRE-CUT-OFF)



Forest / tree cover within AOI: 3.65 ha · Cloud cover: 0.0%

CURRENT ASSESSMENT — 2026-11-15



Forest / tree cover within AOI: 3.65 ha · Δ vs 2020: **0.00 ha**

LAND-COVER CLASS	AREA (HA)	% OF AOI	MODEL CONFIDENCE
Tree Cover / Agroforestry	29.80	87.13%	0.93
Coffee / Perennial Cropland	3.40	9.94%	0.90
Bare Soil / Cleared	0.70	2.05%	0.86
Built-up / Infrastructure	0.30	0.88%	0.88

Forest / Tree Cover
Agricultural / Cropland
Bare Soil / Cleared
Built-up / Infrastructure

SECTION E — PROVENANCE, AUDIT TRAIL & CRYPTOGRAPHIC VERIFICATION

IMMUTABLE EVIDENCE CHAIN

SATELLITE SOURCE **Copernicus Sentinel-2 L2A**	SPECTRAL BANDS **B02,B03,B04,B08,B11,B12**
SAR FALLBACK (S1 VV/VH) **NO**	AI MODEL **segformer-b0-v1**
CLOUD COVERAGE **0.0%**	PIXEL RESOLUTION (GSD) **10.0 m**
BASELINE CROSS-CHECK **EU JRC Global Forest Cover 2020 + Sentinel-1/2 time-series · 2020-08-14 UTC**	ARCHIVE STATUS **WORM verified · retain until 19 November 2031**

FULL DOCUMENT SHA-256 DIGITAL FINGERPRINT

`3c9a7e1f4b82d605a9e3c7f1b4d8206e5a1c9f3b7d2e8406a1f5c9b3e7d2048a`

Legal disclaimer. This document is a satellite-backed EUDR Verification Report / Verification Statement generated by OrbitalPulse Intelligence. It provides geolocation verification, forest-cover change assessment against the 31 December 2020 cut-off, and cryptographic hashes for chain-of-custody integrity. It does **not** constitute an official certification, nor does it replace the operator's legal obligations under Regulation (EU) 2023/1115, nor does it constitute a decision of a competent authority, customs office, or the TRACES NT information system. Evidence objects are retained for a minimum of five (5) years in an immutable (WORM) archive keyed by organisation_id.

ANNEX II — ASSESSED PARCELS SCHEDULE (GEOLOCATION & FOREST-COVER METRICS)

COMPLIANT
DEFORESTATION-FREE

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ANNEX II — ASSESSED PARCELS SCHEDULE

ART. 9 GEOLOCATION PLOTS · BATCH OP-EUDR-COFFEE-ET-TR-2026

PARCEL ID	GEOMETRY	CENTROID (WGS84 6-DEC)	AREA (HA)	2020 FOREST (HA)	CURRENT FOREST (HA)	LOSS (%)	EUDR STATUS
ET-YRG-001	Polygon	6.174410, 38.205812	4.20	3.65	3.65	0.00	PASSED
ET-YRG-002	Polygon	6.172802, 38.212812	4.10	3.55	3.55	0.00	PASSED
ET-YRG-003	Polygon	6.168410, 38.217936	4.05	3.50	3.50	0.00	PASSED
ET-YRG-004	Polygon	6.162410, 38.219812	4.00	3.45	3.45	0.00	PASSED
ET-YRG-005	Point	6.156410, 38.217936	2.50	2.20	2.20	0.00	PASSED
ET-YRG-006	Point	6.152018, 38.212812	3.20	2.75	2.75	0.00	PASSED
ET-YRG-007	Point	6.150410, 38.205812	2.80	2.40	2.40	0.00	PASSED
ET-YRG-008	Point	6.152018, 38.198812	2.55	2.20	2.20	0.00	PASSED
ET-YRG-009	Point	6.156410, 38.193688	2.40	2.05	2.05	0.00	PASSED
ET-YRG-010	Point	6.162410, 38.191812	1.80	1.50	1.50	0.00	PASSED
ET-YRG-011	Point	6.168410, 38.193688	1.60	1.35	1.35	0.00	PASSED
ET-YRG-012	Point	6.172802, 38.198812	1.00	1.20	1.20	0.00	PASSED
12 Parcels	**—**	**—**	**34.20**	**29.80**	**29.80**	**0.00%**	12/12 PASSED

Schedule note. Centroids are WGS84 (EPSG:4326) six-decimal geolocation points suitable for TRACES NT plot filing. Forest metrics are derived from the same 2020 cut-off vs. current assessment pipeline as Section C. Aggregate area: 34.20 ha · 12 / 12 Parcels Passed (0 Excluded).