OrbitalTrace Intelligence

SATELLITE DUE DILIGENCE · EUDR TECHNICAL EVIDENCE REPORT

EU DEFORESTATION REGULATION (EU) 2023/1115 — GEOSPATIAL DUE DILIGENCE & FOREST-COVER TECHNICAL REPORT

TECHNICAL EVIDENCE
SAMPLE / DEMO

Sentinel-2 L2A & JRC 2020 Geospatial Analysis

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SECTION A — SUPPLY CHAIN & COMMODITY IDENTIFICATION

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

EU OPERATOR / IMPORTER	**Rheinland Timber & Trade GmbH (DE)**
EXPORTER / SUPPLIER	**Anatolia Wood & Packaging A.Ş. (TR)**
SHIPMENT / CONTAINER REF	**MSKU-9482710 / INV-2026-1104**
NET QUANTITY / VOLUME	**142.50 m³ / 85,400 kg** Art. 9.1(c) — net quantity of the relevant commodity
COMMODITY & HS CODE	**Wood / Sawn Timber (HS 4407.11)**
COUNTRY OF PRODUCTION / ORIGIN	**Türkiye (TR) — LOW RISK (Implementing Reg. (EU) 2025/1093)** Art. 29 / Implementing Reg. (EU) 2025/1093
CADASTRAL / PLOT REF	**Mersin / Tarsus / Yenice — batch TR-MRS** Art. 9 plot / cadastre identification
LEGALITY DOCUMENTATION	**Uploaded & WORM Archived — Operator-Declared Origin Records** 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
RETENTION (WORM)	**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 0T-EUDR-WOOD-TR-2026

TOTAL GEODETIC AREA
48.60 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
REVIEW
12 / 12 Parcels Passed (0 Excluded)

TRACES NT DDS REFERENCE	**Ready for TRACES NT Upload (GeoJSON Validated)** Operator Due Diligence Statement filing reference **TARIC Document Code: C716 (EUDR Due Diligence Statement)**

DOCUMENT SHA-256 FINGERPRINT
8f4e2b9c71d04a6e3b5f8c1d2e7a904b6c3f1e8d5a2b7c9e0f4d1a8b3c6e9f2a

SAMPLE / DEMO — NOT FOR CUSTOMS

SECTION C — SATELLITE DEFORESTATION ASSESSMENT SUMMARY

2020 BASELINE VS. CURRENT ASSESSMENT

2020 BASELINE FOREST COVER (PRE-31 DEC 2020)
42.10 ha
Acquisition: 2020-08-14
Sensor: Copernicus Sentinel-2 L2A

CURRENT FOREST COVER ASSESSMENT
42.10 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
Post-2020 Forest Degradation: None Detected (Natural Forest Preserved) Art. 2(7) & Art. 3 — wood products

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.

Not an official EU certificate or competent-authority approval; provides independent satellite evidence supporting operator Due Diligence.

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

ANNUAL TRAJECTORY CHECK (2020–2026)	**Continuous Annual Screening (2020–2026): No Interim Clearing or Plantation Conversion Detected**

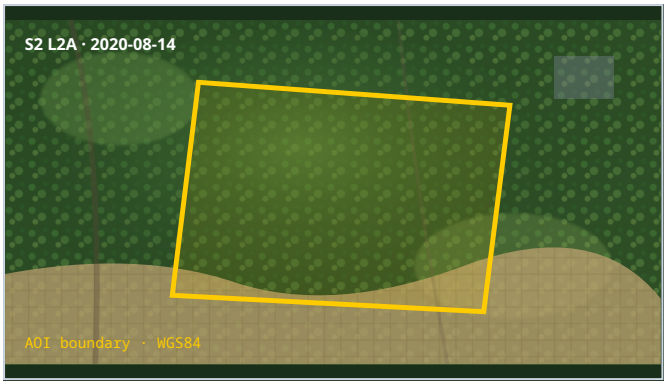
ANNEX — SATELLITE VISUAL EVIDENCE, LAND-COVER CLASSIFICATION & CRYPTOGRAPHIC VERIFICATION

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

BEFORE / AFTER CUT-OFF COMPARISON

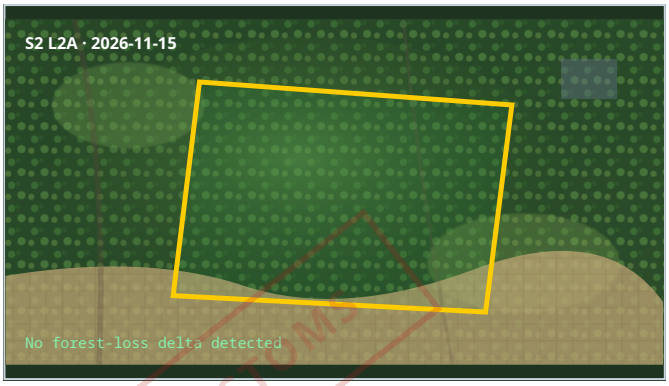
Representative Plot: Parcel #01 of 12 (ID: TR-MRS-001 | 4.50 ha)

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



Forest / tree cover within AOI: 3.90 ha · Cloud cover: 0.0%

CURRENT ASSESSMENT — 2026-11-15



Forest / tree cover within AOI: 3.90 ha · Δ vs 2020: **0.00 ha**

LAND-COVER CLASS	AREA (HA)	% OF AOI	MODEL CONFIDENCE
Forest / Tree Cover	42.10	86.63%	0.94
Agricultural / Cropland	4.80	9.88%	0.91
Bare Soil / Cleared	1.20	2.47%	0.88
Built-up / Infrastructure	0.50	1.03%	0.90

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

SAMPLE / DEMO — NOT FOR CUSTOMS

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

`8f4e2b9c71d04a6e3b5f8c1d2e7a904b6c3f1e8d5a2b7c9e0f4d1a8b3c6e9f2a`

Legal disclaimer. This document is a satellite-backed EUDR Technical Evidence Report / technical due diligence evidence statement generated by OrbitalTrace 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)

TECHNICAL EVIDENCE
SAMPLE / DEMO

Sentinel-2 L2A & JRC 2020 Geospatial Analysis

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ANNEX II — ASSESSED PARCELS SCHEDULE

ART. 9 GEOLOCATION PLOTS · BATCH OT-EUDR-WOOD-TR-2026

PARCEL ID	GEOMETRY	CENTROID (LAT, LON · WGS84)	AREA (HA)	2020 FOREST (HA)	CURRENT FOREST (HA)	LOSS (%)	EUDR STATUS
TR-MRS-001	Polygon	37.154851, 34.681244	4.50	3.90	3.90	0.00	PASSED
TR-MRS-002	Polygon	37.153243, 34.688244	4.20	3.64	3.64	0.00	PASSED
TR-MRS-003	Polygon	37.148851, 34.693368	4.15	3.60	3.60	0.00	PASSED
TR-MRS-004	Polygon	37.142851, 34.695244	4.05	3.51	3.51	0.00	PASSED
TR-MRS-005	Polygon	37.136851, 34.693368	4.00	3.47	3.47	0.00	PASSED
TR-MRS-006	Polygon	37.132459, 34.688244	3.95	3.42	3.42	0.00	PASSED
TR-MRS-007	Polygon	37.130851, 34.681244	3.90	3.38	3.38	0.00	PASSED
TR-MRS-008	Polygon	37.132459, 34.674244	3.85	3.34	3.34	0.00	PASSED
TR-MRS-009	Polygon	37.136851, 34.669120	3.80	3.29	3.29	0.00	PASSED
TR-MRS-010	Polygon	37.142851, 34.667244	3.75	3.25	3.25	0.00	PASSED
TR-MRS-011	Polygon	37.148851, 34.669120	4.25	3.68	3.68	0.00	PASSED
TR-MRS-012	Polygon	37.153243, 34.674244	4.20	3.62	3.62	0.00	PASSED
12 Parcels	—	—	**48.60**	**42.10**	**42.10**	**0.00%**	12/12 PASSED

SAMPLE / DEMO — NOT FOR CUSTOMS

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: 48.60 ha · 12 / 12 Parcels Passed (0 Excluded).