

EUDR Geodata Compass 2026

What suppliers have to deliver, what the file has to look like and why uploads fail. Four pages for data collection, checked against Regulation (EU) 2023/1115, the Commission FAQ and the GeoJSON description of the EU Information System.

The rules in short

- **Point or polygon.** Up to four hectares one coordinate pair with an area is enough; above that the Regulation requires a polygon (Art. 2(28)). For cattle, points for the establishments suffice.
- **Six decimals, WGS84.** The system truncates longer values and pads shorter ones with zeros; the Regulation requires at least six digits.
- **Longitude before latitude** in GeoJSON, full stop as decimal separator.
- **One polygon per plot**, closed ring, no holes, no self-intersection.
- **Four properties** are read: ProducerName, ProducerCountry, ProductionPlace, Area. Everything else is ignored.
- **Responsibility stays with the operator**, whichever intermediary supplies the data.

Fields of the template (one row per coordinate point)

Field	Content
supplier_id, supplier_name	Your number and the supplier's name
country_of_production	Two-letter ISO country code, such as CI or ID
commodity	Cocoa, coffee, oil palm, rubber, soya, cattle, wood
plot_id, plot_name	Unique identifier per plot; the name becomes ProductionPlace
plot_ha	Size in hectares, mandatory for points, up to four hectares
geometry	point or polygon
point_no	1 for points, ascending for polygons, last point equal to the first
longitude, latitude	Decimal degrees with six decimals, mind the sign
production_from, production_to	Harvest date or period of production, YYYY-MM-DD
note	Free text, such as a cadastral number or the cooperative

The script `csv_to_geojson.py` in the geodata pack converts the filled table into GeoJSON and checks the system's rules on the way.

Checklist before upload

- ☐ **Syntax:** valid JSON, rings closed, at least four points per polygon, permitted geometry types, property names spelt exactly
- ☐ **Value ranges:** latitude between –90 and 90, longitude between –180 and 180
- ☐ **Plausibility:** every point lies in the stated country of production (finds swapped coordinates and sign errors)
- ☐ **Area against geometry:** hectares match the polygon area; a factor of two to three usually means acres instead of hectares
- ☐ **Threshold:** every plot above four hectares as a polygon, every point with an area
- ☐ **Duplicates and overlaps:** no plot twice, overlapping polygons into the risk assessment
- ☐ **Size:** below 25 MB per statement, production places below the limits
- ☐ **Separated by country:** production places created separately per country of production (Annex II point 3)
- ☐ **No mixing:** supplier's assurance that the goods were not mixed with goods of unknown origin at any stage
- ☐ **Deforestation check:** plots checked against 2020 forest cover (EU Observatory) and current satellite data, result documented

Limits of the Information System

25 MB

geodata per due diligence statement, total of all GeoJSON files; enough for more than one million points

1,000

production places per commodity line (line with HS code)

10,000

production places per statement

2,000

referenced statements per statement

500

species pairs per commodity line; for wood at least one pair is mandatory

50

drafts per account at any one time

Points need an area of at least 0.0001 ha; if it is missing, the system inserts four hectares. A point with more than four hectares is rejected for all commodities other than cattle. A rectangle can be described with seven corner points, not with 168 points every half metre.

Error catalogue: the Commission's list

From the EUDR GeoJSON File Description (17 August 2026), grouped by cause.

1. Crossing lines (figure of eight) and perimeters folded inwards
2. Holes in the polygon not split into two areas
3. Open polygons: first and last point differ
4. Invalid geometry types such as LineString
5. Coordinates that only form a straight line
6. Duplicate points after truncation to six decimals
7. Syntax errors in the file, one missing bracket is enough
8. Misspelt property names, "productionplace" instead of "ProductionPlace"
9. Wrong file format (PDF, text) or a password-protected file
10. Coordinates outside the value ranges
11. Invalid ISO country code
12. Area as text instead of a number ("Area": "3") results in an area of zero
13. More than 25 MB of geodata in one statement

Three causes without an error message, but with wrong data

- Longitude and latitude swapped: the plot lands in the sea or on another continent
- Comma instead of a full stop as the decimal separator from a German spreadsheet
- Degrees, minutes and seconds instead of decimal degrees

What the system does not check

Whether the point really lies inside the plot, whether the polygon encloses the plot or the whole village, whether the plot was deforested after 31 December 2020. That is your risk assessment under Article 10, and it belongs in the file.

Request letter to suppliers (template)

Subject: EU Deforestation Regulation (EUDR), geodata of your plots of production by [deadline]

Dear Sir or Madam,

From 30 December 2026 we may only import [commodity/product] into the EU if we submit the geolocation of all plots of production for every consignment in a due diligence statement to the EU Information System (Regulation (EU) 2023/1115, Article 9). For this we need from you, by [deadline], the attached table, filled in for all plots from which the goods of our deliveries from [date] originate.

Please note:

- One coordinate pair per plot up to four hectares with the area; above four hectares a polygon describing the perimeter of the plot, one row per corner point, last point equal to the first.
- Coordinates in decimal degrees (WGS84) with six decimals, full stop as decimal separator, negative sign for south and west.
- One polygon per plot; no common perimeter around several plots, no coordinates of the cooperative, warehouse or mill.
- Harvest date or period of production per plot.
- No names, ID or phone numbers of farmers in the table; the plot identifier is enough.
- Please confirm that the goods from these plots were not mixed with goods of unknown origin at any stage.

We treat the coordinates confidentially; in the due diligence statement we flag them as confidential so that they are not passed on to our customers. For questions on filling in the table, [contact person, email, phone] will help.

Kind regards

[Company, name, position]

Attachments: EUDR-Geodata-Template.csv, EUDR-Geodata-Template.geojson (example), this checklist.

Polygon One collects these data for you through a supplier portal without login, places every plot on the map, checks completeness and plausibility and submits the due diligence statement to the EU Information System through the interface. Book a call: polygon-one.com/en/contact