

# EUDR API specifications for Operators

## Conformance Test 4

*Version 0.1 – dated 8<sup>th</sup> May 2024*

**Technical contacts:**

Karine GADIOU, [Karine.GADIOU@ext.ec.europa.eu](mailto:Karine.GADIOU@ext.ec.europa.eu)

EUDR IS Team, [ENV-EUDR-IS-TEAM@ec.europa.eu](mailto:ENV-EUDR-IS-TEAM@ec.europa.eu)

**Policy contact:**

Gabor Lovasi, [gabor.lovasi@ec.europa.eu](mailto:gabor.lovasi@ec.europa.eu)

# 1 Contents

1	Contents.....	2
2	Introduction .....	3
3	Prerequisites .....	3
3.1	Previous Sprints .....	3
3.2	Data Visibility .....	3
4	Objectives.....	3
5	Tasks.....	4
5.1	Identification of the Web Service call .....	4
5.2	Web Service Endpoints and Soap Header.....	5

## 2 Introduction

This is the fourth CF Test in the process of enabling the successful interaction of the Participant's system with the central EUDR system.

The scope of this test covers:

- Ability to manage unsuccessful responses after the submission of a DDS.

The technical contacts at EC can be contacted for questions during the execution of the test.

## 3 Prerequisites

Technological expertise: understanding and ability to develop web service calls.

### 3.1 Previous Sprints

It is assumed that CF tests 1 and 2 have been successfully completed. The definition of the connection attributes contained in the Request Header should continue to be used.

### 3.2 Data Visibility

Participants are requested not to use sensitive or confidential data in the generation of tests, e.g., the information provided in the DDS should not be sourced from real information.

## 4 Objectives

Primary objectives:

- Successful Management of errors returned by a call of the "Submit DDS" Web service.

Secondary objectives:

- Develop an error-management strategy required by the end-users of the participant's system.

# 5 Tasks

## 5.1 Identification of the Web Service call

As stated above, the objective of this sprint is to test the capability to manage errors when submitting DDS.

It is important to note that errors can be classified in 2 categories:

- a) Errors coming from authentication issues or from disrespect of the API schema definition,
- b) Business errors which reflect unallowed or illegal cases when submitting a DDS.

The participant will need to re-execute parts of CF test 2 by simulating errors of those 2 types. For testing the possible errors, the participant will elaborate scenarios that shall return the error and verify if it is caught properly by its system.

The below table describe a list of errors of type (b).

The first column corresponds to the technical value of the error returned by the central EUDR system.

Error Code	Error Description
EUDR_WEBSERVICE_USER_NOT_EUDR_OPERATOR	The user is not register in the EUDR domain. (Not needed to test for conformance)
EUDR_WEBSERVICE_USER_FROM_MANY_OPERATOR	The user belongs to more than one operator. (Not needed to test for conformance)
EUDR_WEBSERVICE_USER_ACTIVITY_NOT_ALLOWED	The user is claiming to use an EUDR role that it does not have in TRACES NT
EUDR_ACTIVITY_COUNTRY_CODE_INVALID	The country code provided for the country of activity is invalid
EUDR_OPERATOR_EORI_FOR_ACTIVITY_MISSING	The operator must have an EORI if the activity is IMPORT or EXPORT
EUDR_ENTRY_OR_EXIT_COUNTRY_CODE_INVALID	The country code provided for the country of entry or exit is invalid
EUDR_BEHALF_OPERATOR_NOT_PROVIDED	For authorized representative role only: The actual operator must be provided
EUDR_BEHALF_OPERATOR_COUNTRY_CODE_INVALID	For authorized representative role only: The country code provided for the actual operator is invalid
EUDR_ACTIVITY_TYPE_NOT_COMPATIBLE	The selected activity is not allowed for the operator
EUDR_COMMODITIES_HS_CODE_INVALID	The HS-Code of a commodity is invalid (*)
EUDR_COMMODITIES_DESCRIPTOR_NET_MASS_EMPTY	Net Mass must be filled for IMPORT or EXPORT activity
EUDR_COMMODITIES_DESCRIPTOR_QUANTITY_MISSING	At least one quantity field must be provided
EUDR_COMMODITY_PRODUCER_COUNTRY_CODE_INVALID	The country code provided for the producer is

	invalid
EUDR_COMMODITIES_PRODUCER_GEO_EMPTY	No geolocation was provided while there is no referenced DDS
EUDR_COMMODITIES_PRODUCER_GEO_INVALID	An invalid geojson file was provided for geolocation
EUDR_COMMODITIES_PRODUCER_GEO_LATITUDE_INVALID	Latitude of points or vertices must be comprised between -90 and +90
EUDR_COMMODITIES_PRODUCER_GEO_LONGITUDE_INVALID	Longitude of points or vertices must be comprised between -180 and +180
EUDR_COMMODITIES_PRODUCER_GEO_POLYGON_INVALID	Each polygon must have at least 4 non-aligned points and cannot have intersection between sides
EUDR_COMMODITIES_PRODUCER_GEO_AREA_INVALID	An area for a point must be a number and, for non-cattle commodities, it should be comprised between 0,0001 and 4
EUDR_MAXIMUM_GEO_SIZE_REACHED	The size of geolocation data for the whole DDS is exceeded (Not needed to test for conformance)
EUDR_REFERENCED_DDS_INVALID	At least one referenced DDS is invalid (Referenced Number or Verification Number) or is not available
EUDR_MAXIMUM_REFERENCED_DDS_REACHED	The maximum number of referenced DDS is exceeded. (Not needed to test for conformance)

(\*) only a subset of HS-code is available in alpha. Log onto the central EUDR system to identify them.

Some features in the current version of the Central EUDR system are not yet developed. Such that additional error codes may be added to the list in the future. For example, a field with the type of the “Supplementary Units” field will be added for the final version.

## 5.2 Web Service Endpoints and Soap Header

Refer to the specifications of the Conformance Test 2 for the DDS submit web service.