

EUDR Information System - Downstream Operator and Trader API Reference

Declaration Verification

DG ENV - European Commission

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1. EUDR Information System - Downstream Operator and Trader API Reference

Welcome to the EUDR SOAP API documentation for downstream operators and traders verifying declarations in the EUDR Information System.

1.1 Overview

The EU Deforestation Regulation (EUDR), [Regulation \(EU\) 2023/1115](#), requires operators placing relevant commodities (cattle, cocoa, coffee, oil palm, rubber, soya and wood) on the EU market to demonstrate that their products are deforestation-free and produced in compliance with the legislation of the country of production.

Concerning the amendment procedure of the [Implementing Regulation \(EU\) 2024/3084](#) that is currently undergoing, this version of documentation may not be final and will be adapted as needed. In particular, certain features such as the grouping of submissions and versioning of Simplified Declarations are planned for subsequent releases and may not be available in the first release. Readers are encouraged to check the European Commission website for updates and subscribe to the Newsletter for the latest information.

Under Article 5, downstream operators and traders must collect and keep the reference numbers of due diligence statements or declaration identifiers associated with the relevant products supplied to them. The verification service enables these actors to confirm that a declaration is authentic and in a usable status before relying on it for their collect-and-keep obligations.

1.2 Base URL

Environment	Base URL
Production	<code>https://eudr.webcloud.ec.europa.eu/tracesnt/</code>
Acceptance	<code>https://acceptance.eudr.webcloud.ec.europa.eu/tracesnt/</code>

1.3 Services

Service	Purpose	Endpoint
Verify Declaration	Verify existence and usability of a DDS or SD by reference number and verification number	<code>/ws/EUDRVerifyDeclarationServiceV3?wsdl</code>
Echo	Test connectivity and WS-Security credentials	<code>/ws/eudr/echo?wsdl</code>

1.4 Target audience

This documentation is intended for:

- **Downstream operators** (SME and non-SME) verifying upstream declarations as part of their collect-and-keep obligation (Art 5)
- **Traders** verifying declarations from their suppliers
- **Operators and authorised representatives** verifying their own or third-party declarations
- **Software providers** developing verification solutions for downstream actors

Access restriction

The verification API is available to operators, authorised representatives, SME downstream operators or traders, and non-SME downstream operators or traders.

1.5 Authentication

All services use **WS-Security** (UsernameToken over HTTPS):

- Transport: HTTPS with TLS
- Token: UsernameToken with PasswordDigest (hashed)
- Timestamp: Required (wsu:Created / wsu:Expires)
- Header: WebServiceClientId - your client identifier, visible in the "Web Services Access" section of your profile (see [Acquiring Credentials](#))

1.6 XSD access

Replace `?wsdl` with `?xsd=1`, `?xsd=2` etc to retrieve the XSD schema (refer to the `<xs:import>` section in the WSDL for schema numbering).

Service availability

The V3 endpoints and WSDLs listed above are not yet accessible and will become available once the system goes online. As noted above, the service contracts are subject to change as the amendment of the Implementing Regulation (EU) 2024/3084 is finalised.

1.7 Versioning policy

Service versions are identified by the suffix in the endpoint URL (e.g., `v3`).

- When a new version is released without backward compatibility, the previous version remains available for a transition period.
- For the production environment, the duration of version coexistence is published in advance.
- Old versions are decommissioned after the transition period.
- Readers are invited to regularly verify whether new specifications are published, as services and their behaviour may evolve.

1.7.1 About this API version

This service is available as V3 only. The declaration verification capability for downstream operators and traders is introduced by Regulation (EU) 2025/2650.

1.8 Contact information

Purpose	Contact
Registration and technical support	SANTE-TRACES@ec.europa.eu
Policy questions (Deforestation Regulation)	ENV-DEFORESTATION@ec.europa.eu
Implementation guidance	Deforestation Regulation implementation

Note

When contacting technical support, email titles must start with **"EUDR API"**. Questions should concern API behaviour, testing, errors, or integration.

2. Acquiring Credentials for a Web Service User

2.1 Introduction

This document is intended for downstream operators, traders, and their IT service providers integrating with the EUDR Verification API (EUDRVerifyDeclarationServiceV3). The verification service enables actors in the supply chain to confirm that a declaration (DDS or SD) is authentic and in a usable status.

2.2 Acquiring Credentials for a Web Service User

2.2.1 Registration in the Information System

Non-SME downstream operators and non-SME traders must register in the Information System prior to using the verification API (Art 5(2)). SME downstream operators and traders may also register to access the verification service.

Once registered, proceed to acquire a web service authentication key:

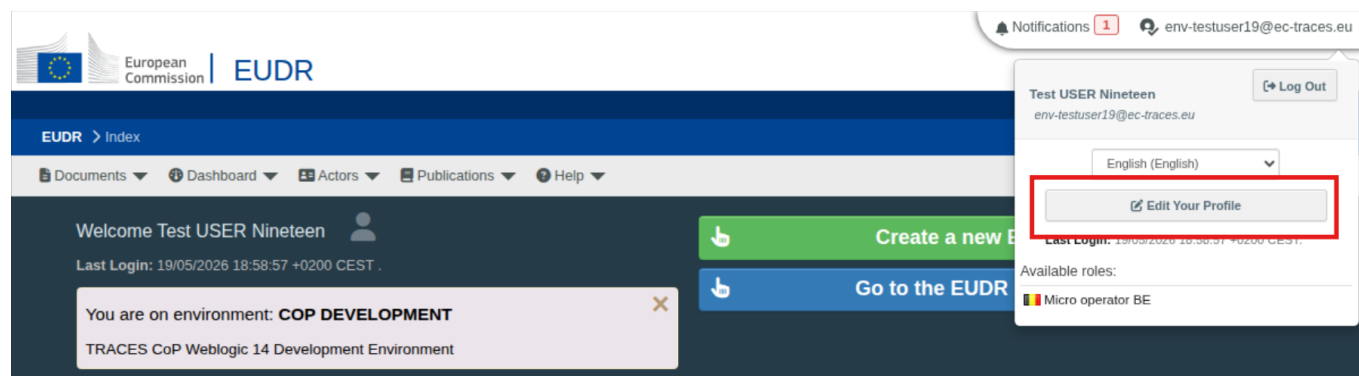
Recommended approach

Complete the credential setup and test your integration in the acceptance environment first. Once connectivity and authentication are verified, repeat the process for the production environment.

1. Get the username of the EU Login account

To locate the username, follow the next steps:

- Log in to the EUDR Information System,
- Click in the top-right corner of the screen,
- In the Popup, click on **"Edit Profile"**:



- In the right box **"Personal Information"** there is an attribute **"username"**. This value can now be used within your system for later tasks.

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Notifications 1 env-testuser19@ec-traces.eu

COP DEVELOPMENT 7.6.0.EUDR-SNAPSHOT 26/05/2026 16:45:45

EUDR > User Profile > Edit Your Profile

Documents Dashboard Actors Publications Help

Edit Your Profile

Request new role Save Preferences

General preferences

Timezone: [Dropdown] CEST
Local time: May 29, 2026 12:04:31 +02:00 CEST

> Notification Subscriptions

Notification Options

Favorite Email Language: [Dropdown] English
Choose here the language in which you would like to receive email notifications.

Notification Time Slots: ☐ 00:00 ☐ 01:00 ☒ 02:00 ☐ 03:00

Personal Information

EU Login is the place where your personal information are stored. If any of the information displayed here is wrong, you can update it there. Your information will be refreshed automatically in TRACES the next time you log in.

Full Name: Test USER Nineteen

Domain: External

Username: n00dr3rp

Email: env-testuser19@ec-traces.eu

My account on EU Login

2. Get the "Authentication key" for your system

- Go back to the page "Edit your profile",
- Scroll to the section "**Web Services Access**",

Documents Dashboard Actors Publications Help COP DEVELOPMENT

Notifications 1

Edit Your Profile

Request new role Save Preferences

Notification Options

Favorite Email Language: [Dropdown] English
Choose here the language in which you would like to receive email notifications.

Notification Time Slots: ☐ 00:00 ☐ 01:00 ☒ 02:00 ☐ 03:00
☐ 04:00 ☐ 05:00 ☐ 06:00 ☒ 07:00
☐ 08:00 ☐ 09:00 ☐ 10:00 ☐ 11:00
☐ 12:00 ☐ 13:00 ☐ 14:00 ☐ 15:00
☐ 16:00 ☐ 17:00 ☐ 18:00 ☐ 19:00
☐ 20:00 ☐ 21:00 ☒ 22:00 ☐ 23:00

Select how often notifications are sent to your email inbox.
Note: These hours refer to Brussels local time.

Show Notification Popup: ☐ No
When TRACES issues a new notification for you, it is shown live as a blue popup on top right corner of the screen.

Domain: External

Username: n00dr3rp

Email: env-testuser19@ec-traces.eu

My account on EU Login

Change your Password at EU Login

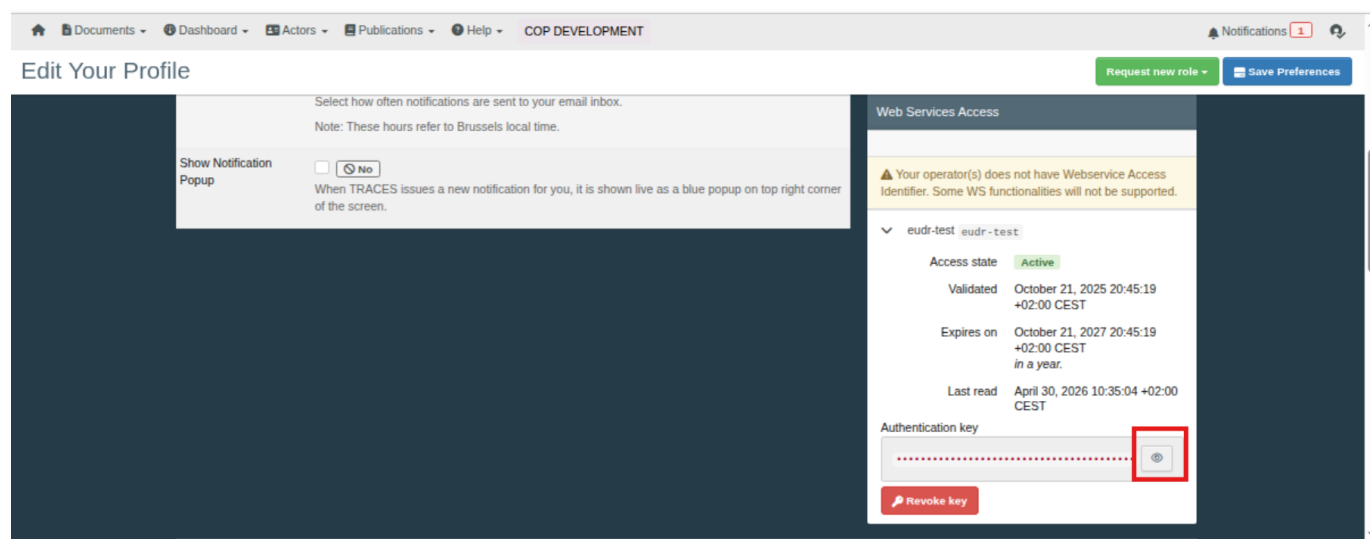
Update your Information at EU Login

Web Services Access

⚠ Your operator(s) does not have Webservice Access Identifier. Some WS functionalities will not be supported.

> eudr-test eudr-test **Active**

- If the previous steps have been completed successfully, the button "**Active**" should appear in this Section. Click on this Button. The section will contain a new field labeled "**Authentication Key**". Click the "**eye**" next to the field to see the value. This value can now be used within the procedure described in later tasks.



Authentication Key is Private

The Authentication Key is private and should only be used with your application. The person identified by the EU Login user is responsible for the API calls made using these credentials.

2.3 Usage Recommendations and Limits

2.3.1 Verification Service Limits

The following recommendations are intended to ensure fair and stable use of the shared EUDR Information System infrastructure when accessing it via Web Services.

2.3.2 Global and individual IP throttling limits

Limit Type	Value
Global limit	10,000 calls per minute
Per-IP limit	5 calls per second

These limits will be monitored and may be adjusted depending on system load.

Note

It is highly recommended that Web Service users respect these guidelines to allow fair use of resources for all users. Sustained violations may lead to accounts being further limited.

3. Echo Service — API Reference

Service: `EudrEchoService`
 Namespace: `http://ec.europa.eu/tracesnt/eudr/echo`
 Endpoint: `/tracesnt/ws/eudr/echo`
 Security: WS-Security (UsernameToken over HTTPS)

3.1 Overview

The EUDR Echo Service is a lightweight connectivity test endpoint that allows integrators to verify that their WS-Security credentials and SOAP client configuration are working correctly before attempting to call the main EUDR services (DDS, SD, Verification).

Use this service to confirm:

- Your **UsernameToken** (username + authentication key) is valid
- Your **SOAP envelope** is correctly formed (timestamp, headers, signature)
- Your **WebServiceClientId** header is properly included
- Network connectivity to the EUDR SOAP infrastructure is established

Note

The EUDR Echo Service is available in the acceptance environment for integration testing. To verify production connectivity, use a real API call with restrictive filters - a successful empty response confirms credentials and network access.

3.2 WSDL

Environment	WSDL URL
Production	<code>https://eudr.webcloud.ec.europa.eu/tracesnt/ws/eudr/echo?wsdl</code>
Acceptance	<code>https://acceptance.eudr.webcloud.ec.europa.eu/tracesnt/ws/eudr/echo?wsdl</code>

3.3 Operations

3.3.1 testEcho

Send a test query string and receive a status response confirming successful authentication and connectivity.

- **Request:** `EudrEchoRequest`
- **Response:** `EudrEchoResponse`
- **Faults:** `EudrEchoServiceFault`

3.4 Request / Response Types

3.4.1 EudrEchoRequest

Field	Type	Required	Description
<code>query</code>	<code>xs:string</code>	Yes	Test parameter — any arbitrary string to echo back

3.4.2 EudrEchoResponse

Field	Type	Required	Description
status	xs:string	Yes	Status of the echo operation confirming successful processing

3.4.3 EudrEchoServiceFault

Field	Type	Required	Description
errorMessage	xs:string	No	Generated error message during process

3.5 Authentication

The Echo Service uses the same **WS-Security** mechanism as all other EUDR services:

- Transport: HTTPS with TLS
- Token: UsernameToken with PasswordDigest (hashed)
- Timestamp: Required (wsu:Created / wsu:Expires)
- Header: WebServiceClientId - your client identifier from the "Web Services Access" section of your profile

3.6 Sample Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:echo="http://ec.europa.eu/tracesnt/eudr/echo"
  xmlns:base="http://ec.europa.eu/sanco/tracesnt/base/v4">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp>
        <wsu:Created>2026-01-15T10:00:00.000Z</wsu:Created>
        <wsu:Expires>2026-01-15T10:05:00.000Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken>
        <wsse:Username>your-username</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordDigest">digest-value</wsse:Password>
        <wsse:Nonce EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary">nonce-value</wsse:Nonce>
        <wsu:Created>2026-01-15T10:00:00.000Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
    <base:WebServiceClientId>YOUR_CLIENT_ID</base:WebServiceClientId>
  </soapenv:Header>
  <soapenv:Body>
    <echo:EudrEchoRequest>
      <echo:query>Hello EUDR</echo:query>
    </echo:EudrEchoRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

3.7 Sample Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:echo="http://ec.europa.eu/tracesnt/eudr/echo">
  <soapenv:Body>
    <echo:EudrEchoResponse>
      <echo:status>OK</echo:status>
    </echo:EudrEchoResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.8 Sample Fault

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:echo="http://ec.europa.eu/tracesnt/eudr/echo">
  <soapenv:Body>
    <soapenv:Fault>
      <faultcode>soapenv:Server</faultcode>
      <faultstring>EudrEchoServiceFault</faultstring>
      <detail>
        <echo:EudrEchoServiceFault>

```

```

    <echo:errorMessage>Authentication failed</echo:errorMessage>
  </echo:EudrEchoServiceFault>
</detail>
</soapenv:Fault>
</soapenv:Body>
</soapenv:Envelope>

```

3.9 Troubleshooting

Symptom	Likely Cause	Resolution
Authentication failed	Invalid username or authentication key	Verify credentials in EU Login profile (see Acquiring Credentials)
Timestamp expired	Clock skew between client and server	Ensure system clock is synchronized (NTP); <code>wsu:Created</code> must be within 5 minutes of server time
Missing <code>WebServiceClientId</code>	Header not included in SOAP envelope	Add <code><base:WebServiceClientId></code> to the SOAP header
Connection timeout	Network/firewall issue	Verify HTTPS connectivity to the endpoint URL; check proxy settings

4. V3 API Reference

4.1 Verify Declaration — V3 API Reference

Service: EUDRVerifyDeclarationServiceV3

Namespace: <http://ec.europa.eu/tracesnt/certificate/eudr/verify-declaration/v3>

Endpoint: [/tracesnt/ws/EUDRVerifyDeclarationServiceV3](#)

Security: WS-Security (UsernameToken over HTTPS)

4.1.1 Operations

verifyDeclaration

Verify DDS/SD declaration. Only for Operators, Authorised Representative, SME Downstream Operator or Trader, Non-SME Downstream Operator or Trader.

- **Request:** `VerifyDeclarationRequest` (Type: `VerifyDeclarationRequestType`)
- **Response:** `VerifyDeclarationResponse` (Type: `VerifyDeclarationResponseType`)
- **Faults:** `BusinessRulesValidationException`, `PermissionDeniedException`

4.1.2 Types

VerifyDeclarationRequestType

Verify declaration request by providing reference number and verification number as input parameter.

Field	Type	Required	Description
referenceNumber	ReferenceNumberType	Yes	—
verificationNumber	VerificationNumberType	Yes	—

VerifyDeclarationResponseType

Verify declaration response is the same for all user roles, including SME downstream operators. Three possible outcomes: (1) exists and is usable, (2) exists but is not usable, (3) not found.

Field	Type	Required	Description
result	VerifyResultType	Yes	—
status	EudrStatusType	No	—
dateTime	dateTime	Yes	—

VerifyResultType

Verify declaration result type. EXISTING_USABLE : The declaration exists and is in a usable status. For status values other than ARCHIVED and nonAVAILABLE, EXISTING_USABLE will be set. EXISTING_NON_USABLE : The declaration exists but is not

usable. Status is set when the declaration is not archived and available. NON_EXISTENT : No declaration matches the provided reference number and verification number combination.

Value	Description
EXISTING_USABLE	—
EXISTING_NON_USABLE	—
NON_EXISTENT	—

Constraints: Base: string

4.1.3 Common Types

EudrStatusType

Universal lifecycle status for EUDR documents

Value	Description
SUBMITTED	—
AVAILABLE	—
REJECTED	—
WITHDRAWN	—
ARCHIVED	—
SUSPENDED	Not active in current release
UPDATED	Not active in current release
GROUPED	—
OBSOLETE	—

Constraints: Base: string

ReferenceNumberType

Constraints: Base: string, Max length: 14

VerificationNumberType

Verification number

Constraints: Base: string, Max length: 35, Min length: 5

5. Sample XML

5.1 Verify Declaration Sample XML

Sample SOAP request and responses for the EUDRVerifyDeclarationServiceV3 .

Environment	Endpoint
Production	https://eudr.webcloud.ec.europa.eu/tracesnt/ws/ EUDRVerifyDeclarationServiceV3
Acceptance	https://acceptance.eudr.webcloud.ec.europa.eu/tracesnt/ws/ EUDRVerifyDeclarationServiceV3

Note

Replace `{{wsse.*}}` placeholders with your WS-Security credentials.

5.1.1 verifyDeclaration — Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:verify="http://ec.europa.eu/tracesnt/certificate/eudr/verify-declaration/v3"
  xmlns:v4="http://ec.europa.eu/sanco/tracesnt/base/v4">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="TS-1">
        <wsu:Created>{{wsse_created}}</wsu:Created>
        <wsu:Expires>{{wsse_expires}}</wsu:Expires>
      </wsu:Timestamp>
      <wsse:UsernameToken wsu:Id="UT-1">
        <wsse:Username>{{wsse_username}}</wsse:Username>
        <wsse:Password Type="...#PasswordDigest">{{wsse_passwordDigest}}</wsse:Password>
        <wsse:Nonce EncodingType="...#Base64Binary">{{wsse_nonce}}</wsse:Nonce>
        <wsu:Created>{{wsse_created}}</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
    <v4:WebServiceClientId>YOUR_CLIENT_ID</v4:WebServiceClientId>
  </soapenv:Header>
  <soapenv:Body>
    <verify:VerifyDeclarationRequest>
      <verify:referenceNumber>EUDR00000001BE</verify:referenceNumber>
      <verify:verificationNumber>VN-2025-ABC12</verify:verificationNumber>
    </verify:VerifyDeclarationRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.1.2 verifyDeclaration — Response (EXISTING_USABLE)

Declaration exists and is in a usable status (e.g. AVAILABLE).

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <verify:VerifyDeclarationResponse
      xmlns:verify="http://ec.europa.eu/tracesnt/certificate/eudr/verify-declaration/v3">
      <verify:result>EXISTING_USABLE</verify:result>
      <verify:status>AVAILABLE</verify:status>
      <verify:dateTime>2026-05-20T10:00:00.000Z</verify:dateTime>
    </verify:VerifyDeclarationResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

5.1.3 verifyDeclaration — Response (EXISTING_NON_USABLE)

Declaration exists but is not in a usable status (e.g. WITHDRAWN, REJECTED, SUSPENDED).

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <verify:VerifyDeclarationResponse
      xmlns:verify="http://ec.europa.eu/tracesnt/certificate/eudr/verify-declaration/v3">
      <verify:result>EXISTING_NON_USABLE</verify:result>
      <verify:status>WITHDRAWN</verify:status>
      <verify:dateTime>2026-05-20T10:00:00.000Z</verify:dateTime>
    </verify:VerifyDeclarationResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </verify:VerifyDeclarationResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

5.1.4 verifyDeclaration — Response (NON_EXISTENT)

No declaration matches the provided reference and verification numbers.

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <verify:VerifyDeclarationResponse
      xmlns:verify="http://ec.europa.eu/tracesnt/certificate/eudr/verify-declaration/v3">
      <verify:result>NON_EXISTENT</verify:result>
      <verify:dateTime>2026-05-20T10:00:00.000Z</verify:dateTime>
    </verify:VerifyDeclarationResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

5.1.5 verifyDeclaration — Fault (BusinessRulesValidationException)

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <soapenv:Fault>
      <faultcode>soapenv:Server</faultcode>
      <faultstring>Business rules validation failed</faultstring>
      <detail>
        <verify:BusinessRulesValidationException
          xmlns:verify="http://ec.europa.eu/tracesnt/certificate/eudr/verify-declaration/v3">
          <errors>
            <error>
              <field>referenceNumber</field>
              <message>Reference number format is invalid</message>
            </error>
          </errors>
        </verify:BusinessRulesValidationException>
      </detail>
    </soapenv:Fault>
  </soapenv:Body>
</soapenv:Envelope>

```

5.1.6 verifyDeclaration — Fault (PermissionDeniedException)

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Body>
    <soapenv:Fault>
      <faultcode>soapenv:Server</faultcode>
      <faultstring>Permission denied</faultstring>
      <detail>
        <verify:PermissionDeniedException
          xmlns:verify="http://ec.europa.eu/tracesnt/certificate/eudr/verify-declaration/v3">
          <message>User does not have permission to verify declarations</message>
        </verify:PermissionDeniedException>
      </detail>
    </soapenv:Fault>
  </soapenv:Body>
</soapenv:Envelope>

```