



Peppol

The future is open

Peppol Service Provider Community Meeting

October 31st, 2023

www.peppol.org

Peppol is owned by OpenPeppol AISBL

Agenda

1. News from Management Committee
2. News from e-Delivery Community
3. News from PostAward Community
4. Reporting uptake
5. News from Operational Office
6. AoB

1. Update from Management Committee

Membership

Key membership indicators

20

Countries
with Peppol
Authorities

43

Countries with
OpenPeppol
members

532

Total number of
OpenPeppol
members

793.529

Receivers in the
Peppol Network
(2023.08.21)

Positive and Negative Growth per country YTD

Positive Growth		
	Country	Growth
1	France	14*
2	Germany	7
3	Greece	5
4	Belgium	3
5	Denmark	3
6	Japan	3
7	Luxembourg	3
8	Malaysia	3
9	Austria	1
10	China	1
11	Finland	1
12	Iceland	1
13	India	1
14	Norway	1
15	South Africa	1
16	Spain	1

* 10 out of 14 are FR PoC only

Negative Growth		
	Country	Growth
1	Australia	-3
2	Italy	-3
3	Singapore	-3
4	Ukraine	-2
5	New Zealand	-1
6	UK	-1
7	USA	-1

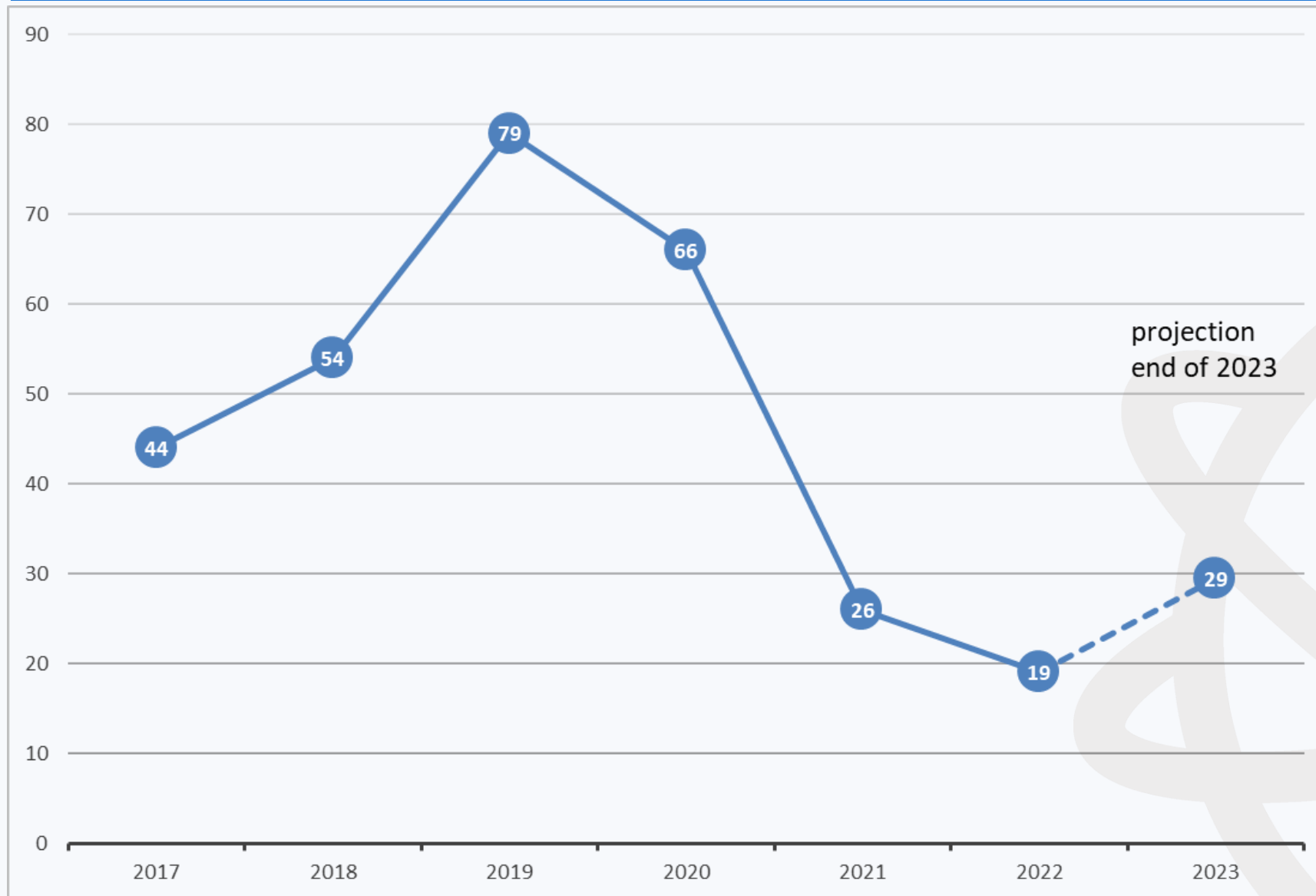
Membership Application Form requests YTD

- Number of MAFs requested has increased in comparison to 2022 and remains high
 - 3rd Quarter 2022 month average: 12,6
 - 4th Quarter 2022 month average: 9,7
 - 1st Quarter 2023 month average: 13
 - 2nd Quarter 2023 month average: 10,3
 - 3rd Quarter 2023 month average: 13

 - 2022 month average (Jan-Dec): 10
 - 2023 month average (Jan-Sep): 12,11

 - **October 2023:** **14 (until the 23rd)**

Net Yearly Growth in Membership (FR PoC not included)



Net number of Members

* 1 tentative outgoing member is considered off-boarded for the projection

** no other PAs are expected

Decisions

Singapore PASR approval

- Singapore has updated its PA Specific Requirements, mandating new business documents such as Order and Invoice Response ([posted here](#))
- A member review was conducted from 28 September to 20 October, no objections were raised.
- **The MC approves the new PA Specific Requirements for Singapore**

Security Community Establishment

The Security WG has concluded its work and made two proposals submitted as RFCs

- To adopt Peppol Security Requirements that will make ISO/IEC 27001 certificate mandatory for all Service Providers active on the Peppol Network (RFC [posted here](#))
- To establish a Peppol Security Committee (RFC [posted here](#))

The MC decides to:

1. Approve, in principle, the establishment of a Coordinating Committee on Security, in line with the Statutes of the Association
2. Instruct the OO to work with relevant stakeholders to prepare a mandate along the lines of the Security Committee RFC with the specific terms of reference for this body and return to the MC for final approval
3. Instruct the OO to continue work on a risk assessment and to conduct a business impact analysis on the RFC for establishing Security Requirements for the Peppol Network and return to the MC for discussion and action

Substitution of CMB members and other elected persons

- Discussions at the APP CMB about his substitution revealed a confusion regarding the way forward to replace him and the reasons for stepping down.
- With this opportunity, the MC is requested to approve a set of CMB Substitution Rules, which codify the past and current practices of the Association
- A Decision Brief has been produced ([posted here](#))

Formal Approval of the GIF 2.0 Terms of Reference

- After discussions with the current GIF Chair, a new version of the new GIF ToR was created, which contains amendments that satisfy requests by OpenPeppol
- The new and final version is [posted here](#)

DECISION

- The Managing Committee decides to approve the Terms of Reference of the Global Interoperability Forum

Market news

Market Development update

Malaysia

- PINT data model to be completed by end of October 2023
- MDEC to run pilot with service providers and end users from November to December 2023
- OpenPeppol alongside MDEC in discussions with LHDNM (tax administration)

Singapore

- Announcement by Inland Revenue Service to leverage Peppol for tax administration
- News item on Peppol website and LinkedIn

South Korea

- Introduction to Peppol call held with government eInvoice work group – follow up expected Nov-23

Peppol CTC

- Reference Document Addendum published September 2023 on Peppol website

2. News from e-Delivery Community

No slides

3. News from PostAward Community

No slides

4. Reporting uptake



Links to Software



Service Desk

Guidance for Service Providers

Testbed

Peppol Directory

Links to software – Access Points

The following are amongst the available implementations supporting the provision of Peppol eDelivery Services for the Peppol Network

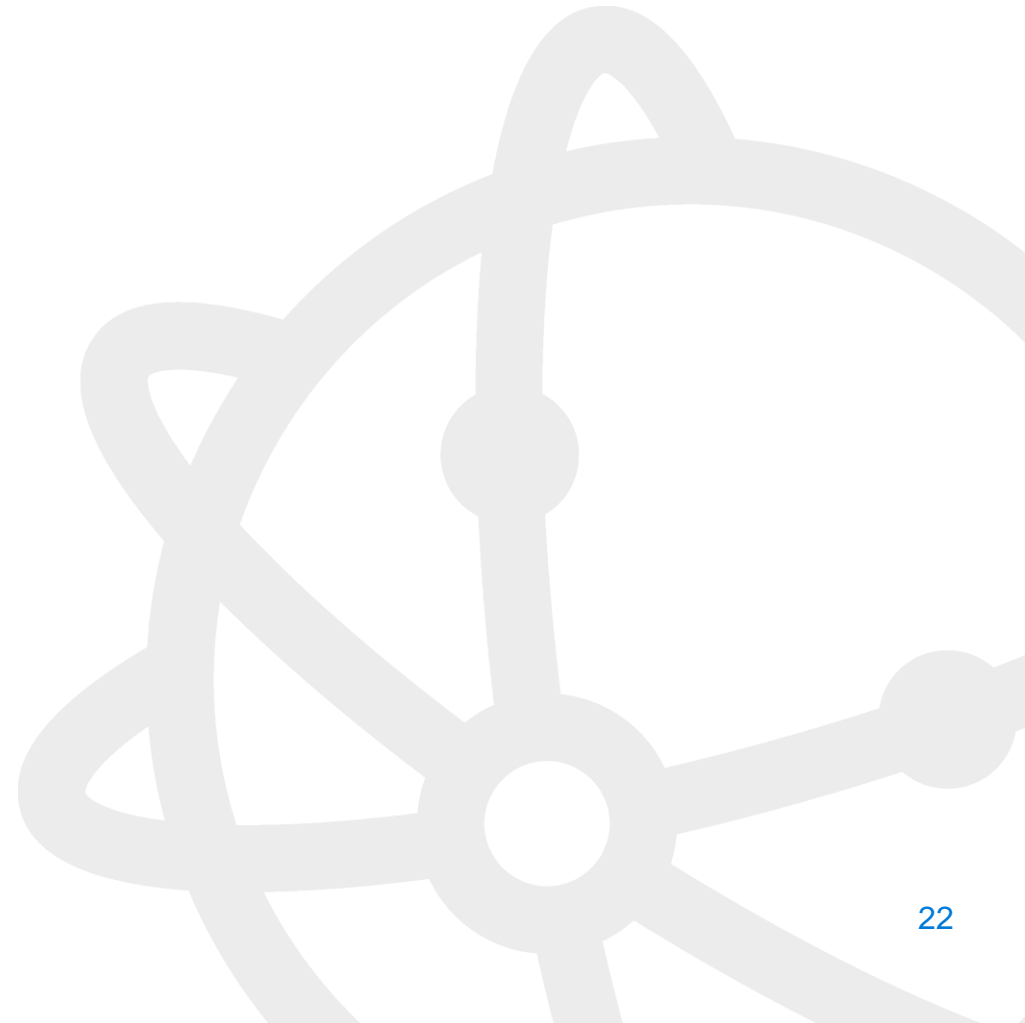
Please note that this list only is a summary of software that we are aware of. The software has not been accredited by OpenPeppol.

Solution	Type	Ready	Create	Send	Planned Ready Date	Comment
phax/peppol-reporting	EUSR	Yes	Yes	N/A	2023-07-21	Open Source, Apache 2 license; Separate DB for storing the transaction data is needed - not included; Schematron Validation included
phax/peppol-reporting	TSR	Yes	Yes	N/A	2023-07-21	Open Source, Apache 2 license; Separate DB for storing the transaction data is needed - not included; Schematron Validation included
phax/phase4	EUSR	Yes	Yes	Yes	2023-09-12	Open Source, Apache 2 license; Separate DB for storing the transaction data is needed - not included; Schematron Validation included
phax/phase4	TSR	Yes	Yes	Yes	2023-09-12	Open Source, Apache 2 license; Separate DB for storing the transaction data is needed - not included; Schematron Validation included
LS-Peppol AP	EUSR	Yes	Yes	Yes	2023-09-01	Created from database
LS-Peppol AP	TSR	Yes	Yes	Yes	2023-09-01	Created from database
ION- AP	EUSR	Yes	Yes	Yes	2023-10-31	
ION- AP	TSR	Yes	Yes	Yes	2023-10-31	
Oxalis	EUSR	Yes	No	Yes	2023-10-15	SP must create report themselves, which Oxalis can send. Version 6.2.0
Oxalis	TSR	Yes	No	Yes	2023-10-15	SP must create report themselves, which Oxalis can send. Version 6.2.0
Unimaze	TSR	No	Yes	Yes	2023-12-15	-
SEEBURGER AP	EURS	No	Yes	N/A	2023-11-24	Work in progress
SEEBURGER AP	TRS	No	Yes	N/A	2023-11-24	Work in progress

5. News from Operational Office

Agenda Items

1. Issues with country codes C1
2. Country code in SBDH of reporting docs
3. Explanation on what needs to be reported



1. Issues with country code

Issue

New version of SBDH specification 2.0.0 was released on 13-03-2023 and a minor release 2.0.1 on 17-08-2023.

Peppol Business Message Envelope (SBDH) version 2.0.1, chapter 2.5:

<https://github.com/OpenPEPPOL/edec-specifications/blob/master/releases/envelope/Peppol-EDN-Business-Message-Envelope-2.0.1-2023-08-17.pdf>

Service Providers are required to be compliant with this version as of **1-1-2024!**

The Transaction Statistics Reporting is dependent on the full implementation by all Service Providers.

Lack of full implementation by all Service Providers will, with the current versions of the Statistics Reports result in:

- Receiving Service Providers not being able to report all data collected
- Lack of Completeness for Analytics i.e. poor Data Quality

Issue

OpenPeppol ambition is to create be able to create Reports based on high quality data and where highest possible data quality is not possible, to be able in Reports to state the quality level.

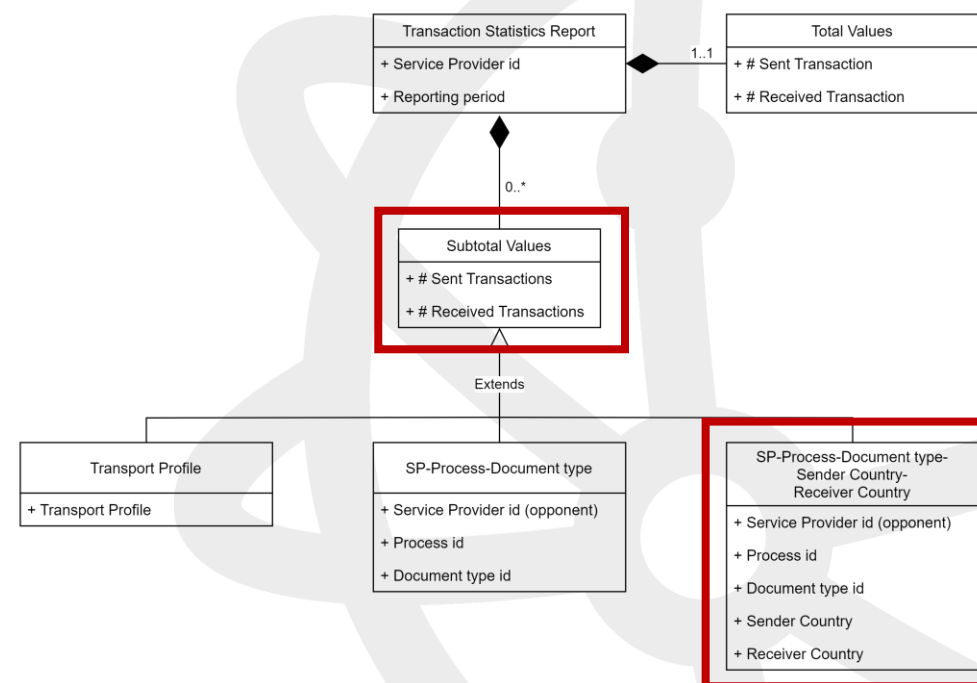
Currently Service Providers are requested by to report

- Number of Sent Transactions (always 0)
- Number of Received Transactions

Per

- Service Provider (they have had Transactions with)
- Process iD
- Document type
- Sender Country
- Receiver Country

Lack of SBDH information about Sender Country, makes it impossible to fully report on this subset!



Specification details

Peppol Transaction Statistics Reporting v. 1.0.1 (<https://docs.peppol.eu/edelivery/specs/reporting/tsr/>)

3.3.3. Subtotal per Service Provider, Dataset Type, Process ID and Country Codes

This subtotal is identified by the `@type` attribute having the value `PerSP-DT-PR-CC`.

- This subtotal requires one `Key` element with a Meta Scheme ID of `SP` (Service Provider). The `schemeID` attribute of this `Key` element MUST have a value according to the [Reporter Identification Scheme](#) code list. The value of the `Key` element MUST follow the rules of the chosen scheme.
- This subtotal requires one `Key` element with a Meta Scheme ID of `DT` (Dataset Type). The `schemeID` attribute of this `Key` element MUST be the Document Type Identifier Scheme of the exchanged Dataset (usually `busdox-docid-qns`). The value of the `Key` element MUST be the Dataset Type (Document Type) Identifier value of the exchanged Dataset.
- This subtotal requires one `Key` element with a Meta Scheme ID of `PR` (Process ID). The `schemeID` attribute of this `Key` element MUST be the Process Identifier Scheme of the process (Peppol profile) used (usually `cenbii-procid-ubl`). The value of the `Key` element MUST be the Process ID value of the process (Peppol profile) used.
- This subtotal requires one `Key` element with a Meta Scheme ID of `CC` (Country Code) and the `schemeID` attribute of `SenderCountry`. The value of the `Key` element MUST have a value according to the [Country Codes](#) code list.
- This subtotal requires one `Key` element with a Meta Scheme ID of `CC` (Country Code) and the `schemeID` attribute of `ReceiverCountry`. The value of the `Key` element MUST have a value according to the [Country Codes](#) code list.

Each combination of Service Provider, Dataset Type, Process ID, Sender Country and Receiver Country MUST be reported in a separate `Subtotal` element.

The sum all incoming amounts `PerSP-DT-PR-CC` Type MUST match the total incoming amount.

The sum all outgoing amounts `PerSP-DT-PR-CC` MUST match the total outgoing amount.



This subtotal can only be counted by receiving Service Providers, because only those have the full data available. The outgoing count in this subtotal MUST always be `0`.

From SBDH

Example of a subtotal per Service Provider, Dataset Type, Process ID and Country Codes:

```
<tsr:Subtotal type="PerSP-DT-CC">
  <tsr:Key metaSchemeID="SP" schemeID="CertSubjectCN">POP00001</tsr:Key>
  <tsr:Key metaSchemeID="DT" schemeID="busdox-docid-qns">urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:poacc:billing:3.0::2.1</tsr:Key>
  <tsr:Key metaSchemeID="PR" schemeID="cenbii-procid-ubl">urn:fdc:peppol.eu:2017:poacc:billing:01:1.0</tsr:Key>
  <tsr:Key metaSchemeID="CC" schemeID="SenderCountry">AT</tsr:Key>
  <tsr:Key metaSchemeID="CC" schemeID="ReceiverCountry">DE</tsr:Key>
  <tsr:Incoming>4</tsr:Incoming>
  <tsr:Outgoing>0</tsr:Outgoing>
</tsr:Subtotal>
```

Solution

The Country Code must be according to:

https://docs.peppol.eu/edelivery/specs/reporting/tsr/trn-transaction_statistics/codelist/ISO3166/

which is the ISO3166 set of countries. ISO3166 allows user defined countries

<https://www.iso.org/glossary-for-iso-3166.html>

OpenPeppol has chosen to add “ZZ” to the set of countries,
where “ZZ” = Undefined Country.

If Transactions are received (and accepted) without a
Sender Country in the SBDH it should be counted as Sender
Country “ZZ”)

Solution example

```
<tsr:Subtotal type="PerSP-DT-CC">
  <tsr:Key metaSchemeID="SP" schemeID="CertSubjectCN">POP000001</tsr:Key>
  <tsr:Key metaSchemeID="DT" schemeID="busdox-docid-qns">urn:oasis:names:specification:ubl:schema:xsd:Invoice-
2::Invoice##urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:poacc:billing:3.0::2.1</tsr:Key>
  <tsr:Key metaSchemeID="PR" schemeID="cenbii-procid-ubl">urn:fdc:peppol.eu:2017:poacc:billing:01:1.0</tsr:Key>
  <tsr:Key metaSchemeID="CC" schemeID="SenderCountry">ZZ</tsr:Key>
  <tsr:Key metaSchemeID="CC" schemeID="ReceiverCountry">DE</tsr:Key>
  <tsr:Incoming>4</tsr:Incoming>
  <tsr:Outgoing>0</tsr:Outgoing>
</tsr:Subtotal>
```

Service Provider "POP000001" has sent :

4 "Billing 3.0" Datasets in the Process "Billing" from Country "ZZ" (undefined Country) to Country "DE"

Through the Reporting Service Provider.

2. Country code in SBDH of reporting docs

SBDH specification 2.0.1 ch. 2.5

Since the End-User is the Service Provider itself, the Country of the SP must be stated in the SBDH.

146 2.5 Country codes of the End Users

147 To satisfy the reporting requirements for traffic statistics, the country code of the business level sender
 148 MUST be provided. The business-level sender is the C1 node in the 4-corner model. The information
 149 provided in the envelope complements the identifier information on the messaging level.

150 The country code MUST be provided in every instance of the envelope. The value of the country code
 151 MUST be provided according to ISO-3166-1 in the Alpha-2 notation (e.g. "BE" representing Belgium). Other
 152 notations MUST NOT be used. The value MUST follow this case-sensitive regular expression:

153 `[A-Z0-9][A-Z0-9]`

154 Kosovo is a special case: It can be represented using either the code `XX`¹ or the code `1A`².

155 The country code of C1 MUST be known by the creator of the envelope.

156 The qualifier located at

157 `/StandardBusinessDocument/StandardBusinessDocumentHeader/BusinessScope/Scope/Type`

158 `e` is used to distinguish the meaning of values by using codes: `COUNTRY_C1` MUST be used for C1 country
 159 code. The country code value itself is mapped to the element located at:


160 `StandardBusinessDocument/StandardBusinessDocumentHeader/BusinessScope/Scope/InstanceIdentifier`
 161

162 Non-normative example for an exchange of a business document from a business level sender in Belgium:

```
163 <Scope>
164   <Type>COUNTRY_C1</Type>
165   <InstanceIdentifier>BE</InstanceIdentifier>
166 </Scope>
```

Example from Test

```
▼<sh:StandardBusinessDocumentHeader xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader">
  <sh:HeaderVersion>1.0</sh:HeaderVersion>
  ▼<sh:Sender>
    <sh:Identifier Authority="iso6523-actorid-upis">0151:100100100</sh:Identifier>
  </sh:Sender>
  ▼<sh:Receiver>
    <sh:Identifier Authority="iso6523-actorid-upis">iso6523-actorid-upis::9999:peppol-reporting-stage</sh:Identifier>
  </sh:Receiver>
  ▼<sh:DocumentIdentification>
    <sh:Standard>urn:fdc:peppol:transaction-statistics-report:1.0</sh:Standard>
    <sh:TypeVersion>1.0</sh:TypeVersion>
    <sh:InstanceIdentifier>1d63f961-45eb-1920-b467-45f04da75c35</sh:InstanceIdentifier>
    <sh:Type>TransactionStatisticsReport</sh:Type>
    <sh:CreationDateAndTime>2023-10-08T11:09:33.001Z</sh:CreationDateAndTime>
  </sh:DocumentIdentification>
  ▼<sh:BusinessScope>
    ▼<sh:Scope>
      <sh:Type>DOCUMENTID</sh:Type>
      <sh:InstanceIdentifier>urn:fdc:peppol:transaction-statistics-report:1.0::TransactionStatisticsReport##urn:fdc:peppol.eu:edec:trns:transaction-statistics-reporting:1.0::1.0</sh:InstanceIdentifier>
      <sh:Identifier>busdox-docid-qns</sh:Identifier>
    </sh:Scope>
    ▼<sh:Scope>
      <sh:Type>PROCESSID</sh:Type>
      <sh:InstanceIdentifier>urn:fdc:peppol.eu:edec:bis:reporting:1.0</sh:InstanceIdentifier>
      <sh:Identifier>cenbii-procid-ubl</sh:Identifier>
    </sh:Scope>
    ▼<sh:Scope>
      <sh:Type>COUNTRY_C1</sh:Type>
      <sh:InstanceIdentifier>AU</sh:InstanceIdentifier>
    </sh:Scope>
  </sh:BusinessScope>
</sh:StandardBusinessDocumentHeader>
```



3. Explanation on what needs to be reported

End User 1/2

1. What is an End User?

Stated in the Service Provider Agreement article 6.1.2:

An identified or identifiable entity that is responsible for the business content of the datasets that is exchanged (by sending and/or receiving) with another such entity using Peppol Services over the Peppol Network.

- Example 1:
 - Company A sends 1 invoice from its GLN and one from its organizational number. Is it 1 or 2 end users?
 - It is one end user because it is the same legal entity
- Example 2:
 - Company B sends 1 invoice from its organizational number, and one from 30 different GLN numbers for their companies. Is 1 or 31 end users?
 - It is one end user if the 30 different GLN numbers belong to that same entity.
 - If they belong to subsidiaries, therefore other legal entities, they have to be counted separately.

End User 2/2

2. What must be reported?

An SP reports statistics on all end users that were active during the reporting period.

- End users that the SP provides services to.
- Active means that the End User sent and/or received a document.

Specifications:

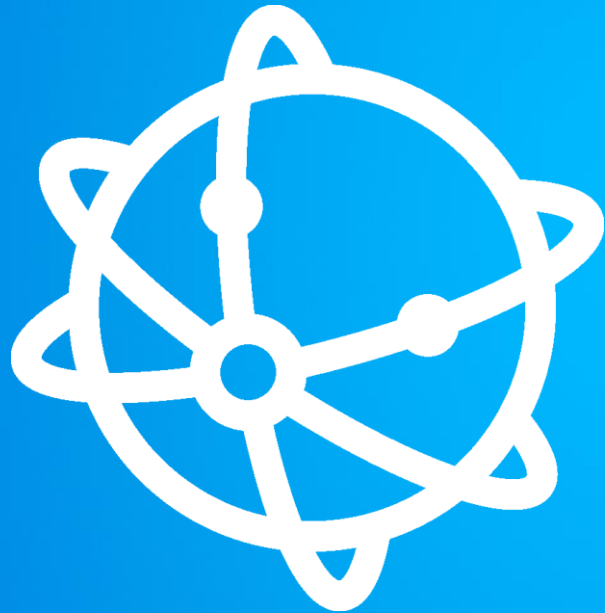
<https://docs.peppol.eu/edelivery/specs/reporting/eusr/>

Transactions to be reported

1. Statistics on all successful transactions must be reported
 - This applies to all documents

Specifications:

<https://docs.peppol.eu/edelivery/specs/reporting/tsr/>



THANK YOU!

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INFORMATION

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