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7 **PEPPOL**

8 Policy and recommendations for the use
9 of Identifiers

10 **Version 2.1**

11

12 Control over version

13 This document is maintained by Work Package 8.

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48 **1 Introduction**

49 Identifiers are information elements that establish the identity of objects, such as organizations,
50 products, places, etc. The PEPPOL project uses many identifiers in both its transport infrastructure
51 and within the documents exchanged across that infrastructure. Two of the significant identifiers are
52 those for Parties (organizations, persons, etc.) and Services (business profiles, document types, etc).
53 These are the “who” and the “what” of PEPPOL business exchanges.

54 This document outlines the policy for using the correct identifiers specifically for these two areas but
55 it also introduces principles for any identifiers used in the PEPPOL environment. Implementers failing
56 to adhere to these policies seriously jeopardize the interoperability of the information being
57 exchanged. This policy should form a requirement of any PEPPOL participation agreements.

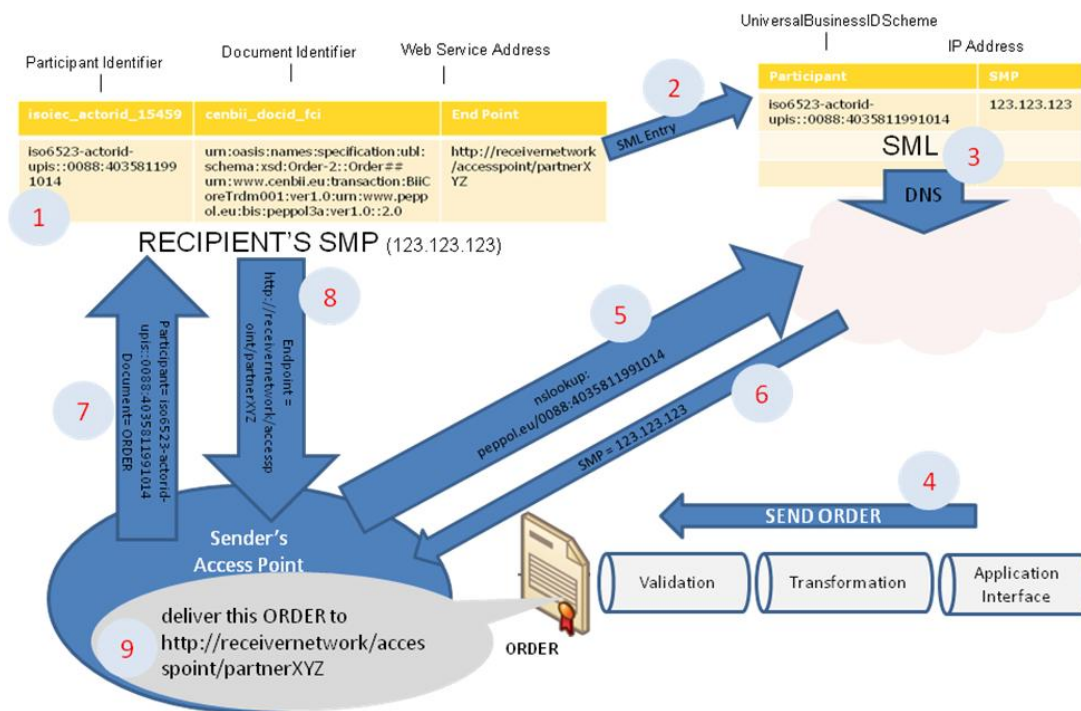
58 **1.1 Scope**

- 59 1. The policy of a federated¹ scheme for identifying Parties.
60 Parties in the BusDox infrastructure play the role of Participants. There are sender and
61 receiver Participants in any exchange, but the BusDox Service Metadata only publishes
62 services defined for the receiver Participant. The technical name for this identifier in BusDox
63 is the Participant Identifier (or iso6523-actorid-upis)².
64 Within each business document there are also Parties taking on business roles such as
65 customer and supplier, etc. Clearly there may be relationships between these Parties and the
66 Participant Identifier. Sometimes the Supplier Party is the receiver Participant for an Order
67 document. Another example is that an Invoice may contain an identifier for EndpointID
68 equates to the receiver Participant in the SMP. But neither of these are a reliable rule. BII
69 profiles do not (deliberately) include any ‘envelope’ information linking the document
70 content to the transport infrastructure. The relationship between identifiers within
71 Documents and identifiers used in the transport infrastructure is not defined in the
72 specifications.
73 So whilst there is a relationship between these various Parties, we have no policy on how this
74 should be done. This policy relates to the common use of different identification schemes to
75 identify the appropriate Party within the context required. In other words, identifiers may
76 have different values but the method by which they are defined should be consistent.
77 Many schemes already exist for identifying Parties. PEPPOL has no intention of developing
78 another. Our strategy is to recognize a range of different identification schemes and provide
79 a code list of those recognized schemes based on international standards.

¹ By federation we mean that each agency maintains their own identification schemes. Our policy recognizes and identifies these schemes and does not attempt to replicate them.

² PEPPOL Identifier Schemes defines a set of identifier schemes that will be used in the context of the PEPPOL infrastructure (http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications/peppol-identifier-schemes/at_download/file) plus Corrigendum.

80 2. The policy for identifying Documents and Services used in PEPPOL implementation of the
 81 BusDox messaging infrastructure.
 82 The BusDox infrastructure requires a Participant sending a document to identify both the
 83 receiving Participant and the service that will receive the document. They (or their Access
 84 Point provider) achieve this by searching the Service Metadata Locator to find the relevant
 85 Service Metadata Publisher (SMP) that can identify the endpoint address (NB. not the same
 86 as the Endpoint ID in the business document) within the recipient's access point. This
 87 endpoint address is the service address where the document is accepted (AP). Therefore it is
 88 important to define precisely what documents and services can be handled by the receiving
 89 Participant.
 90 The diagram below shows the relationship of these information elements.



91 Because PEPPOL creates Interoperability Specifications based on the CEN BII (and BII2)
 92 recommendations these services can be identified by a combination of their document
 93 schema and type, BII transaction data model, and the PEPPOL Business Interoperability
 94 Specification (BIS) (denoting business context of use)³. It is also feasible that there may be
 95 further extensions of these customizations for specific trading communities.
 96

97 2 Policy for PEPPOL Party Identification

98 The following aspects are addressed in this policy:

- 99 1. The PEPPOL code list of Party Identification schemes used in BII documents.
 100 Note that the BII specifications (CWA 16073)⁴ do not specify any Party Identification
 101 Schemes.
- 102 2. The PEPPOL code list of Participant Identification format schemes used in BusDox metadata.
 103 The PEPPOL BusDox transport Infrastructure and its supporting parts are documented in:

³ BII transaction model and PEPPOL BIS together form the process identifier to use

⁴ See: http://www.cen.eu/cwa/bii/specs/Profiles/Guidelines/BII_Codelists-v1.00.xls

104 [http://www.peppol.eu/work_in_progress/wp8-](http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications)
105 [Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-](http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications)
106 [specifications](http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications)
107 PEPPOL will not implement its own scheme for identifying Parties. Instead we will support a
108 federated system for uniquely identifying parties following the ISO 15459 format scheme⁵ for unique
109 identifiers. This requires defining a controlled set of Issuing Agency Codes⁶ (IACs) for identification
110 schemes (also known as party identifier types⁷ or Identification code qualifier⁸ or International Code
111 Designators⁹ or Party ID Type¹⁰) required by PEPPOL implementations.

112 Each PEPPOL Party identifier to be used in the federated system is then a combination of the Issuing
113 Agency Code and the value given by the Issuing Agency.

- 114 • For BusDox, it will be part of the PEPPOL SMP Provider agreement that SMP Providers have
115 suitable governance of their identification schemes when they enter, update and delete
116 information on their SMP.
- 117 • Within the content of business documents, each PEPPOL Participant will be responsible for
118 using the appropriate PEPPOL Party Identifier.

119 This section defines the policies for the formatting and the population of values for Party Identifiers
120 in federation used by PEPPOL.

121 NB. This policy only covers the use of the document's Party/IdentifierID and Party/EndpointID. It will
122 be a task of CEN/BII2 to analyse if this code list can be used for other parties such as
123 PartyLegalEntity/CompanyID and PartyTaxScheme/CompanyID.

124 2.1 Format

125 **POLICY 1 Use of ISO15459 encoding**

126 Participant and Party Identifiers should adhere to ISO 15459 constraints:
127 - cannot be more than 50 characters long
128 - can only contain characters and numeric digits from the invariant character set of ISO/IEC 646 (ISO
129 7-bit coded character set)

130 **POLICY 2 Use of ISO15459 structure**

131 A Party identifier used in PEPPOL will comprise of:
132 - An Issuing Agency Code
133 - The Value provided by the Issuing Agency

134 **POLICY 3 PEPPOL identifier value casing**

135 All PEPPOL participant identifier values have to be treated case insensitive even if the underlying
136 scheme requires a case sensitive value.

⁵ ISO 15459-4 Individual items
(http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=51284)

⁶ ISO 15459 terminology
(http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=43349)

⁷ CEN/BII terminology

⁸ ISO 9735 Service Code List (0007) terminology

⁹ ISO 6523 terminology

¹⁰ OASIS ebCore terminology

137 PEPPOL document and process identifiers have to be treated case sensitive.Examples:

138 Participant identifier value “0088:abc” is equal to “0088:ABc”

139 Participant identifier value “0088:abc” is different from “0010:abc”

140 Document identifier value “urn:oasis:names:specification:ubl:schema:schema:xsd:Catalogue-

141 2::Catalogue##urn:www.cenbii.eu:transaction:biicoretrdm019:ver1.0:#urn:www.peppol.eu:bis:pepp

142 ol1a:ver1.0::2.0” is NOT equal to

143 “URN:OASIS:NAMES:SPECIFICATION:UBL:SCHEMA:SCHEMA:XSD:CATALOGUE-

144 2::CATALOGUE##URN:WWW.CENBII.EU:TRANSACTION:BIICORETRDM019:VER1.0:#URN:WWW.PEPP

145 OL.EU:BIS:PEPPOL1A:VER1.0::2.0”

146 Process identifier value “urn:www.cenbii.eu:profile:bii06:ver1.0” is NOT equal to

147 “URN:WWW.CENBII.EU:PROFILE:BII06:VER1.0”

148 **POLICY 4 Coding of Issuing Agencies**

149 All Issuing Agency Codes for Party Identifiers are to be taken from the normative version of the code
150 list described in the following section.

151 Currently this is maintained within PEPPOL but it is intended to transfer this responsibility to the
152 CEN/BII2 workshop in the near future, and for long term sustainability, to a permanent standards
153 organization. This maintenance is necessary because of the potential for growth of this code list.

154 **2.2 Issuing Agency Code Values**

155 The values for the initial PEPPOL Issuing Agency Code list were taken from the NESUBL PartyID code
156 list¹¹ but this has been extended to cover use by all PEPPOL pilots and includes other known Issuing
157 Agencies (from ISO 6523¹²).

158 It is significant that this list will need ongoing extension under governance procedures currently
159 being developed (see section on Governance). To ensure sustainability and proper governance it is
160 proposed to include only Issuing Agency Codes (IACs) in the following order of priority:

- 161 1. International recognized standard schemes, then
- 162 2. International de-facto accepted schemes, then
- 163 3. Nationally defined schemes

164 Note that BusDox uses a numeric code value for Issuing Agencies whereas BII uses mnemonic values.
165 To assist in aligning the mnemonic codes of BII with the numeric codes of BusDox, each BII mnemonic
166 code has been given a numeric equivalent based on the ISO 6523 set of International Code
167 Designators. The actual values for numeric International Code Designators were based on the
168 following allocation criteria:

- 169 1. ISO 6523 International Code Designator (if known), or

¹¹ See chapter 2.23:

<http://www.nesubl.eu/download/18.6dae77a0113497f158680002577/NES+Code+Lists+and+Identification+Schemes+-+Version+2.pdf>

¹² See http://en.wikipedia.org/wiki/ISO_6523

- 170 2. ISO 9735 Identification code qualifier (if known), or
 171 3. An incremental number starting from 9900 (issued by PEPPOL/BII)

172 Even though these numeric values are based on ISO code sets, they form a separate BII code set
 173 because they contain additional values. Therefore the Issuing Agency for all numeric codes is BII not
 174 ISO 6523.

175 **POLICY 5 PEPPOL participant identifier scheme**

176 The PEPPOL identifier scheme for using this list of issuing agency is:
 177 iso6523-actorid-upis

178 Note: Participant identifier, party identifier and business identifier are used interchangeable in the
 179 different PEPPOL documents.

180 **POLICY 6 Numeric Codes for Issuing Agencies**

181 The numeric ISO6523 code set as used in BII include additional code values not part of the official ISO
 182 6523 code set and so cannot be referred to as the official ISO 6523 code set¹³. The codes starting
 183 with "99" are extending this code set. For convenience the term "ISO6523" is used for all codes and
 184 indicates the origin of many code values used.

185 **POLICY 7 XML attributes for Participant Identifiers in BusDox**

186 The "scheme" attribute must be populated with the value "iso6523-actorid-upis" (see POLICY 5) in all
 187 instances of the "ParticipantIdentifier" element.

188 Example:

189 <ParticipantIdentifier scheme="iso6523-actorid-
 190 upis">0088:4035811991014</ParticipantIdentifier>

191 **POLICY 8 XML attributes for Party Identifiers in UBL documents**

192 The "schemeID" attribute must be populated in all instances of the "ID" element when used within a
 193 "PartyIdentification" container and in all instances of the "EndpointID" element when used within a
 194 "Party" container. The valid values are defined in the code list as "schemeID".

195 Note: the optional attributes schemeAgencyName and schemeURI can be ignored.

196 Note: the attribute "schemeID" is mandatory for PartyIdentification and EndpointID in CEN BII

197 Example:

198 <cac:PartyIdentification>
 199 <cbc:ID schemeID="GLN">4035811991014</cbc:ID>
 200 </cac:PartyIdentification>

201 and

202 <cac:Party>
 203 <cbc:EndpointID schemeID="GLN">4035811991014</cbc:EndpointID>
 204 </cac:Party>

205 The initial Issuing Agency code values and metadata are shown in the following table:

schemeID	schemeAgencyName	Numeric ISO6523
----------	------------------	--------------------

¹³ ISO 6523 is currently under revision after a 25 year working period; the new version will meet requirements imposed by technological development.

		code
GLN	GS1	0088
DUNS	Dun & Bradstreet	0060
IBAN	S.W.I.F.T. Society for Worldwide Interbank Financial Telecommunications s.c.	9918
DK:CPR	Danish Ministry of the Interior and Health	9901
DK:CVR	The Danish Commerce and Companies Agency	9902
DK:P	The Danish Commerce and Companies Agency	0096
DK:SE	Danish Ministry of Taxation, Central Customs and Tax Administration	9904
DK:VANS	Danish VANS providers	9905
IT:VAT	Ufficio responsabile gestione partite IVA	9906
IT:CF	TAX Authority	9907
IT:FTI	Ediforum Italia	0097
IT:SIA	Società Interbancaria per l'Automazione	0135
IT:SECETI	Servizi Centralizzati SECETI	0142
NO:ORGNR	Enhetsregisteret ved Bronnoysundregisterne	9908
NO:VAT	Enhetsregisteret ved Bronnoysundregisterne	9909
HU:VAT		9910
SE:ORGNR		0007
FI:OVT	Finnish tax board	0037
EU:VAT	National ministries of Economy	9912
EU:REID	Business Registers Network	9913
FR:SIRET	INSEE: National Institute for statistics and Economic studies	0009
AT:VAT	Österreichische Umsatzsteuer-Identifikationsnummer	9914
AT:GOV	Österreichisches Verwaltungs bzw. Organisationskennzeichen	9915
AT:CID	Firmenidentifikationsnummer der Statistik Austria	9916
IS:KT	Icelandic National Registry	9917

206 The normative form of the code list is available as a Genericode file at
 207 <https://svn.forge.osor.eu/svn/peppol/dev/public/codelists/infrastructure/identifier/1.0.1/PeppolIdentifierIssuingAgencies.gc>.
 208

209 Examples:

- 210 • Use in a BusDox SMP:
 211 The following example denotes that the Participant is identified using the ISO 6523
 212 International Code Designator in the CEN/BII set of Issuing Agency Codes. This in turn has a
 213 numeric value of 0088 meaning that the party has a 0088 (GLN) identifier of
 214 "4035811991014".

```
215 <ParticipantIdentifier scheme="iso6523-actorid-  
216 upis">0088:4035811991014</ParticipantIdentifier>
```

- 217 The following example denotes that the Participant is identified using the ISO 6523
 218 International Code Designator in the CEN/BII set of Issuing Agency Codes. This in turn has a
 219 numeric value of 9902 meaning that the party has the 9902 (DK:CVR) identifier
 220 "DK87654321".

```
221 <ParticipantIdentifier scheme="iso6523-actorid-  
222 upis">9902:DK87654321</ParticipantIdentifier>
```

- 223 • Use in a BII (UBL) document:
 224 The following example denotes that the Issuing Agency is "GS1" in the CEN/BII set of Issuing
 225 Agency Codes and the identifier is "GLN". This means that the party has the GLN identifier

226 "4035811991014".
 227 <cac:PartyIdentification>
 228 <cbc:ID schemeID="GLN">4035811991014</cbc:ID>
 229 </cac:PartyIdentification>
 230 The following examples denotes that the Issuing Agency is DK:CVR in the CEN/BII set of
 231 Issuing Agency Codes. This means that the party has the Danish CVR identifier
 232 "DK87654321".
 233 <cac:PartyIdentification>
 234 <cbc:ID schemeID="DK:CVR">DK87654321</cbc:ID>
 235 </cac:PartyIdentification>
 236 and
 237 <cac:PartyIdentification>
 238 <cbc:ID schemeID="DK:CVR"
 239 schemeAgencyName="The Danish Commerce and Companies Agency"
 240 schemeURI="urn:anyurn:dk:cvr">DK87654321</cbc:ID>
 241 </cac:PartyIdentification>
 242

243 In cases where the BusDox Participant Identifier is extracted from the BII document (e.g. the UBL
 244 Party/EndpointID) the mnemonic PEPPOL Issuing Agency Code (e.g. "GLN") has to be replaced by the
 245 equivalent numeric value (e.g. "0088"). For example:

246 This BII (UBL) document fragment identifies a Party as "4035811991014" using the GLN from GS1:

```
247 <cac:Party>
248 <cbc:EndpointID schemeID="GLN">4035811991014</cbc:EndpointID>
249 </cac:Party>
```

250 In BusDox the equivalent Participant Identifier would be expressed as:

```
251 <ParticipantIdentifier scheme="iso6523-actorid-
252 upis">0088:4035811991014</ParticipantIdentifier>
```

253 This means mapping the BII schemeName of "GLN" to the numeric value of "0088". To then
 254 transform an EndpointID into the equivalent Participant Identifier it is necessary to create a
 255 combined string value, e.g. "0088:4035811991014".

256 **POLICY 9 Participant Identifiers for DNS**

257 Participant identifiers – consisting of scheme and value – are encoded as follows into a DNS name:
 258 B-<hash-of-value>.<scheme>.<SML-zone-name>

259 Explanation:

<hash-of-value>	<p>Is the string representation of the MD5 hash value, of the lowercased identifier value (e.g. 0088:abc).</p> <p>The UTF-8 charset needs to be used for extracting bytes out of strings for MD5 hash value creation.</p> <p>Lowercasing must be performed according to the en_US locale rules (no special character handling).</p> <p>Note: it is important, that the MD5 hash value is generated after the identifier</p>
-----------------	--

	value has been lowercased because according to POLICY 3 participant identifiers have to be treated case insensitive. “String representation” means the encoding of each MD5 hash byte into 2 characters in the range of [0-9a-f] (e.g. byte value 255 becomes string representation “ff”).
<scheme>	Is the identifier scheme value (e.g. “iso6523-actorid-upis”) and is added “as is” into the DNS name ¹⁴ . Note: The Busdox specification ensures, that the participant identifier schemes are valid DNS name parts.
<SML-zone-name>	Is the DNS domain name of the SML zone (e.g. “sml.peppolcentral.org.” – mind the trailing dot).

260 Example:

261 The participant identifier “0088:123abc” with the scheme “iso6523-actorid-upis” in the SML DNS
262 zone “sml.peppolcentral.org.” is encoded into the following identifier:

263 `B-f5e78500450d37de5aabe6648ac3bb70.iso6523-actorid-upis.sml.peppolcentral.org.`

264 The result must be the same if the identifier “0088:123ABC” is used, as identifier values are treated
265 case insensitive.

266 3 Policy on Identifying Documents supported by PEPPOL

267 3.1 Format

268 Document types used in PEPPOL are identified using the concepts defined in the PEPPOL Identifier
269 Schemes Version 1.0.0¹⁵. As outlined in POLICY 3 document identifiers have to be treated case
270 sensitive.

271 The identifier format is an aggregated format that covers the following identifier concepts:

- 272 • Format Identifier:
273 This identifies the specific syntax of the document that is being exchanged in the service. For
274 XML documents, the root element namespace (the namespace of the schema defining the
275 root element) and document element local name (the name of the root element) are
276 concatenated (using the “:” delimiter) to define the syntax of the XML document.
- 277 • Customization Identifier:
278 This represents a customization of a service, such as a customization of the document
279 format. For PEPPOL, refinements of CEN/BII profiles are necessary to support the specific
280 requirements for cross-border eProcurement. These are documented in PEPPOL Business
281 Interoperability Specifications. PEPPOL Business Interoperability Specifications also indicate

¹⁴ Case changes may be done but are not required, as the underlying DNS system is case insensitive.

¹⁵ http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications/peppol-identifier-schemes/at_download/file

282 the implementation syntax of the BII Profile. [Note: PEPPOL BIS specifications are available at
283 www.peppol.eu/results.]

- 284 • Version Identifier:
- 285 This identifies the version of a document following the versioning conventions of that specific
- 286 document syntax.

287 **POLICY 10 PEPPOL Document Identifier scheme**

288 The PEPPOL document identifier scheme to be used is:

289 `busdox-docid-qns`

290 **POLICY 11 PEPPOL Customization Identifiers**

291 The PEPPOL Customization Identifier identifies the standardised transaction (e.g. BII transaction) and
292 any PEPPOL extension, as it applies to the transaction. The full syntax is:

293 `<transactionId>:# <extensionId>[#<extensionId>]`

294 Example:

295 `urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.`
296 `eu:bis:peppol3a:ver1.0`

Transaction ID	<code>urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0</code>
Extension ID	<code>urn:www.peppol.eu:bis:peppol3a:ver1.0</code>

297 This identifies this customization as the “PEPPOL BIS 3a” as it applies to the BII Order data model
298 “BiiCoreTrdm001”.

299 **POLICY 12 Specifying Customization Identifiers in UBL documents**

300 The value for CustomizationID element in the document instance must correspond to the
301 Customization ID of the BusDox Document Identifier (see POLICY 11). In addition, the “schemeID”
302 attribute must specify ‘PEPPOL’ to indicate this convention is a PEPPOL policy.

303 Example:

```
304 <cbc:CustomizationID schemeID="PEPPOL">
305 urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.eu:bis:
306 peppol3a:ver1.0
307 </cbc:CustomizationID>
```

308 **POLICY 13 PEPPOL Document Identifiers**

309 The format of the Document Identifier is:

310 `<root NS>::<document element local name>##<customization`
311 `id>::<version>`

312 The value for Customization ID component in the Document Identifier should correspond to the
313 CustomizationID in the document instance (see POLICY 12). The combination of customization ID and
314 version is denoted as “Subtype identifier” in the BusDox Common Definitions 1.0 specification
315 document. Therefore the URL encoding of these elements has to be done as stated in the
316 specification document.

317 `<version>` is used to reflect the version of the underlying syntax standard.

318 Example:

319 The following example denotes that the document type capable of being received is a UBL 2.0 Order
320 conforming to the PEPPOL Profile 3a).

321 urn:oasis:names:specification:ubl:schema:xsd:Order-
 322 2::Order##urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:w
 323 ww.peppol.eu:bis:peppol3a:ver1.0::2.0

Root namespace	urn:oasis:names:specification:ubl:schema:xsd:Order-2
Document element local name	Order
Customization ID (see above)	urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.eu:bis:peppol3a:ver1.0
Version	2.0

324 **POLICY 14 Specifying Document Identifiers in SMP documents**

325 The value for the scheme attribute must be “busdox-docid-qns” (see POLICY 10) and the element
 326 value must be the document identifier itself.

327 Example usage in the SMP:

```
328 <DocumentIdentifier scheme="busdox-docid-qns">
329 urn:oasis:names:specification:ubl:schema:xsd:Order-
330 2::Order##urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.pepp
331 ol.eu:bis:peppol3a:ver1.0::2.0</DocumentIdentifier>
```

332 **3.2 Document ID Values**

333 The current list of Document IDs required to be supported by PEPPOL pilots is:

Common Name	PEPPOL Document Identifier ¹⁶	PEPPOL Specification
Virtual Company Dossier ¹⁷	urn:www.peppol.eu:schema:xsd:VirtualCompanyDossier-1::VirtualCompanyDossier## urn:www.cenbii.eu:transaction:biicoretrdm991:ver0.1:#urn:www.peppol.eu:bis:peppol991a:ver1.0::0.1	http://www.peppol.eu/work_in_progress/wp2-virtual-company-dossier/results/d2.2-specification-of-architecture-and-components-enabling-cross-border-vcd-1/d2.2-specification-of-architecture-and-components-enabling-cross-border-vcd
Virtual Company Dossier Package ¹⁸	urn:www.peppol.eu:schema:xsd:VirtualCompanyDossierPackage-1::VirtualCompanyDossierPackage## urn:www.cenbii.eu:transaction:biicoretrdm992:ver0.1:#urn:www.peppol.eu:bis:peppol992a:ver1.0::0.1	http://www.peppol.eu/work_in_progress/wp3-eCatalogue/results/d3.2-specification-of-architecture-and-components-enabling-cross-border-ecatalogues/PEPPOL_D3_2-Attachment_B_Profile_12a.pdf
Catalogue Template ¹⁹	urn:www.peppol.eu:schema:xsd:CatalogueTemplate-1::CatalogueTemplate## urn:www.cenbii.eu:transaction:biicoretrdm993:ver0.1:#urn:www.peppol.eu:bis:peppol993a:ver1.0::0.1	http://www.peppol.eu/work_in_progress/wp3-eCatalogue/results/d3.2-specification-of-architecture-and-components-enabling-cross-border-ecatalogues/PEPPOL_D3_2-Attachment_A_Profile_1a.pdf
PEPPOL Catalogue profile	urn:oasis:names:specification:ubl:schema:schema:xsd:Catalogue-2::Catalogue## urn:www.cenbii.eu:transaction:biicoretrdm019:ver1.0:#urn:www.peppol.eu:bis:peppol1a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:ApplicationResponse-2::ApplicationResponse## urn:www.cenbii.eu:transaction:biicoretrdm057:ver1.0:#urn:www.peppol.eu:bis:peppol1a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:ApplicationResponse-2::ApplicationResponse## urn:www.cenbii.eu:transaction:biicoretrdm058:ver1.0:#urn:www.peppol.eu:bis:peppol1a:ver1.0::2.0	http://www.peppol.eu/work_in_progress/wp3-eCatalogue/results/d3.2-specification-of-architecture-and-components-enabling-cross-border-ecatalogues/PEPPOL_D3_2-Attachment_A_Profile_1a.pdf
PEPPOL Order profile	urn:oasis:names:specification:ubl:schema:xsd:Order-2::Order## urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.eu:bis:peppol3a:ver1.0::2.0	http://www.peppol.eu/work_in_progress/wp4-eordering/results/d4.2-specification-of-architecture-and-components-enabling-cross-border-eordering/PEPPOL%20D4_2%20-%20Attachment%20A%20Profile%203a.pdf
PEPPOL Invoice profile (UBL)	urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice## urn:www.cenbii.eu:transaction:biicoretrdm010:ver1.0:#urn:www.peppol.eu:bis:peppol4a:ver1.0::2.0	http://www.peppol.eu/work_in_progress/wp5-invoicing/results/d5.3-specification-of-architecture-and-components-enabling-cross-border-

¹⁶ For better readability a blank is inserted after the first “###” sequence. This has to be removed in production!

¹⁷ Note: These identifiers are placeholders only. The PEPPOL VCD documents are currently being defined as extensions of BII and will be published in CEN/BII2. For details of CEN/BII Profiles refer to...

<http://www.cen.eu/cwa/bii/specs/Profiles/IndexWG1.html>

¹⁸ Note: These identifiers are placeholders only. The PEPPOL VCD Package documents are currently being defined as extensions of BII and will be published in CEN/BII2. For details of CEN/BII Profiles refer to...

<http://www.cen.eu/cwa/bii/specs/Profiles/IndexWG1.html>

¹⁹ Note: These identifiers are placeholders only. The PEPPOL Catalogue Template documents are currently being defined as extensions of BII and will be published in CEN/BII2. For details of CEN/BII Profiles refer to...

<http://www.cen.eu/cwa/bii/specs/Profiles/IndexWG1.html>

Common Name	PEPPOL Document Identifier ¹⁶	PEPPOL Specification
PEPPOL Procurement profile	urn:oasis:names:specification:ubl:schema:xsd:Order-2::Order## urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:OrderResponseSimple-2::OrderResponseSimple## urn:www.cenbii.eu:transaction:biicoretrdm002:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:OrderResponseSimple-2::OrderResponseSimple## urn:www.cenbii.eu:transaction:biicoretrdm003:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice## urn:www.cenbii.eu:transaction:biicoretrdm010:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:CreditNote-2::CreditNote## urn:www.cenbii.eu:transaction:biicoretrdm014:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice## urn:www.cenbii.eu:transaction:biicoretrdm015:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0	invoicing/PEPPOL%20D5_3%20-%20Attachment%20A%20Profile%204a.pdf

334 The normative form of the code list is available as a Genericcode file at

335 <https://svn.forge.osor.eu/svn/peppol/dev/public/codelists/infrastructure/identifier/1.0.1/PeppolDocumentIdentifier.gc>

336 It is important to note that this is a dynamic list. Over time new services will be added. Developers should take this into account when designing and
 337 implementing solutions for PEPPOL services.

338 4 Policy on Identifying Processes supported by PEPPOL

339 4.1 Format

340 As outlined in POLICY 3 PEPPOL process identifiers have to be treated case sensitive.

341 POLICY 15 PEPPOL BusDox Process Identifier scheme

342 The PEPPOL BusDox process identifier scheme to be used is:

343 `cenbii-procid-ubl`

344 POLICY 16 PEPPOL Process Identifiers

345 PEPPOL processes are identified by the respective BII processes. The process identifier has to match
346 the BII profile ID.

347 Example:

348 The following process identifier is used for "BII04 - Invoice only":

349 `urn:www.cenbii.eu:profile:bii04:ver1.0`

350 POLICY 17 Specifying Process Identifiers in SMP documents

351 The value for the scheme attribute must be "cenbii-procid-ubl" (see POLICY 15) and the element
352 value must be the process identifier itself.

353 Example:

354 `<ProcessIdentifier scheme="cenbii-procid-`
355 `ubl">urn:www.cenbii.eu:profile:bii03:ver1.0</ProcessIdentifier>`

356 4.2 Process ID values

357 Below is an initial list of predefined PEPPOL process identifiers and the matching PEPPOL BIS
358 identifiers. Below each profile a list of all supported document identifiers (see above) valid for this
359 specific profile are listed.

Profile code	Profile ID	PEPPOL BIS
BII01 - Catalogue only	urn:www.cenbii.eu:profile:bii01:ver1.0	urn:www.peppol.eu:bis:peppol1a:ver1.0
	<ul style="list-style-type: none"> urn:oasis:names:specification:ubl:schema:xsd:Catalogue-2::Catalogue##urn:www.cenbii.eu:transaction:biicoretrdm019:ver1.0:#urn:www.peppol.eu:bis:peppol1a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:ApplicationResponse-2::ApplicationResponse##urn:www.cenbii.eu:transaction:biicoretrdm057:ver1.0:#urn:www.peppol.eu:bis:peppol1a:ver1.0::2.0 urn:oasis:names:specification:ubl:schema:xsd:ApplicationResponse-2::ApplicationResponse##urn:www.cenbii.eu:transaction:biicoretrdm058:ver1.0:#urn:www.peppol.eu:bis:peppol1a:ver1.0::2.0 	

BII03 - Order Only urn:www.cenbii.eu:profile:bii03:ver1.0 urn:www.peppol.eu:bis:peppol3a:ver1.0

- urn:oasis:names:specification:ubl:schema:xsd:Order-2::Order##urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.eu:bis:peppol3a:ver1.0::2.0

BII04 - Invoice only urn:www.cenbii.eu:profile:bii04:ver1.0 urn:www.peppol.eu:bis:peppol4a:ver1.0

- urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:www.cenbii.eu:transaction:biicoretrdm010:ver1.0:#urn:www.peppol.eu:bis:peppol4a:ver1.0::2.0

BII06 - Procurement urn:www.cenbii.eu:profile:bii06:ver1.0 urn:www.peppol.eu:bis:peppol6a:ver1.0

- urn:oasis:names:specification:ubl:schema:xsd:Order-2::Order##urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0
- urn:oasis:names:specification:ubl:schema:xsd:OrderResponseSimple-2::OrderResponseSimple##urn:www.cenbii.eu:transaction:biicoretrdm002:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0
- urn:oasis:names:specification:ubl:schema:xsd:OrderResponseSimple-2::OrderResponseSimple##urn:www.cenbii.eu:transaction:biicoretrdm003:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0
- urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:www.cenbii.eu:transaction:biicoretrdm010:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0
- urn:oasis:names:specification:ubl:schema:xsd:CreditNote-2::CreditNote##urn:www.cenbii.eu:transaction:biicoretrdm014:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0
- urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:www.cenbii.eu:transaction:biicoretrdm015:ver1.0:#urn:www.peppol.eu:bis:peppol6a:ver1.0::2.0

360 The normative form of the code list is available as a Genericcode file at
 361 [https://svn.forge.osor.eu/svn/peppol/dev/public/codelist/infrastructure/identifier/1.0.1/PeppolPro](https://svn.forge.osor.eu/svn/peppol/dev/public/codelist/infrastructure/identifier/1.0.1/PeppolProcessIdentifier.gc)
 362 [cessIdentifier.gc](https://svn.forge.osor.eu/svn/peppol/dev/public/codelist/infrastructure/identifier/1.0.1/PeppolProcessIdentifier.gc)

363 5 Governance of this Policy

364 This policy needs maintenance to ensure it supports new versions of the standards, extensions to
365 other identification schemes, new services, etc.

366 Currently the CEN BII2 has a several work items for updating the current CEN BII CWA in order to
367 create a more complete version for CEN BII2. This includes revising code lists and adding new
368 profiles. PEPPOL needs to ensure on-going participation and support of this work.

369 To ensure sustainability and proper governance of Party Identifier schemes it is proposed to include
370 only Issuing Agency Codes in the scope of:

- 371 1. International recognized standard schemes (CEN, ISO, UN/ECE)
- 372 2. International de-facto accepted schemes (OASIS)
- 373 3. Nationally defined schemes

374 The PEPPOL Governing Board shall ensure that each Issuing Agency...

- 375 1. Recognizes any organisation wishing to allocate unique Party identifiers as part of a PEPPOL
376 Pilot. An individual organisation or company wishing to issue unique identifiers shall do so
377 through umbrella organisations such as their trade associations, network provider or a public
378 or state agency;
- 379 2. Has defined rules which ensure that every unique identifier issued with their authority shall
380 begin with their Issuing Agency Code (IAC);
381 NOTE: The purpose of this is to ensure that the same unique Party identifier (including the
382 IAC) can never be issued by another issuer, no matter which agency is used to ensure
383 unambiguity in the total marketplace.
- 384 3. Has defined rules so that a unique party identifier is only re-issued after the previously issued
385 unique identifier has ceased to be of significant to any user. The length of such period should
386 be dependent upon the environment in which the unique identifier will be used.

387 These rules mirror those of the ISO 15459 registration Authority (NEN) and will support the option to
388 transfer the responsibility that authority as part of the PEPPOL sustainability programme. In effect
389 PEPPOL (and then BII2) is taking the role of a governance agency (like NEN) for the PEPPOL pilot
390 period.

391 6 References

- 392 • BusDox
393 [http://www.peppol.eu/work_in_progress/wp8-
394 Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-
395 specifications](http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications)
- 396 • ISO 15459
397 http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=51284
398 http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=43349

- 399 • CEN/BII
- 400 <http://www.cen.eu/cwa/bii/specs/>
- 401 • ISO 9735 Service Code List (0007)
- 402 <http://www.gefeg.com/jswg/cl/v41/40107/cl3.htm>
- 403 • ISO 6523
- 404 http://www.iso.org/iso/catalogue_detail?csnumber=25773
- 405 • OASIS UBL
- 406 <http://docs.oasis-open.org/ubl/os-UBL-2.0.zip>
- 407 • OASIS ebCore
- 408 <http://docs.oasis-open.org/ebcore/PartyIdType/v1.0/CD03/PartyIdType-1.0.html>
- 409 • UN/CEFACT
- 410 <http://www.unece.org/cefact/>