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PEPPOL

**Policy and recommendations for the use
of Identifiers**

Version 2.0

12 **Control over version**

13 This document is maintained by Work Package 8.

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2.0	2011-01-10	Layout changes Removed scheme URN on OASIS basis Added chapter on process identifiers Added more policies and clarified existing ones	PH/SR/JJ/KB

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49 **1 Introduction**

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

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

59 **1.1 Scope**

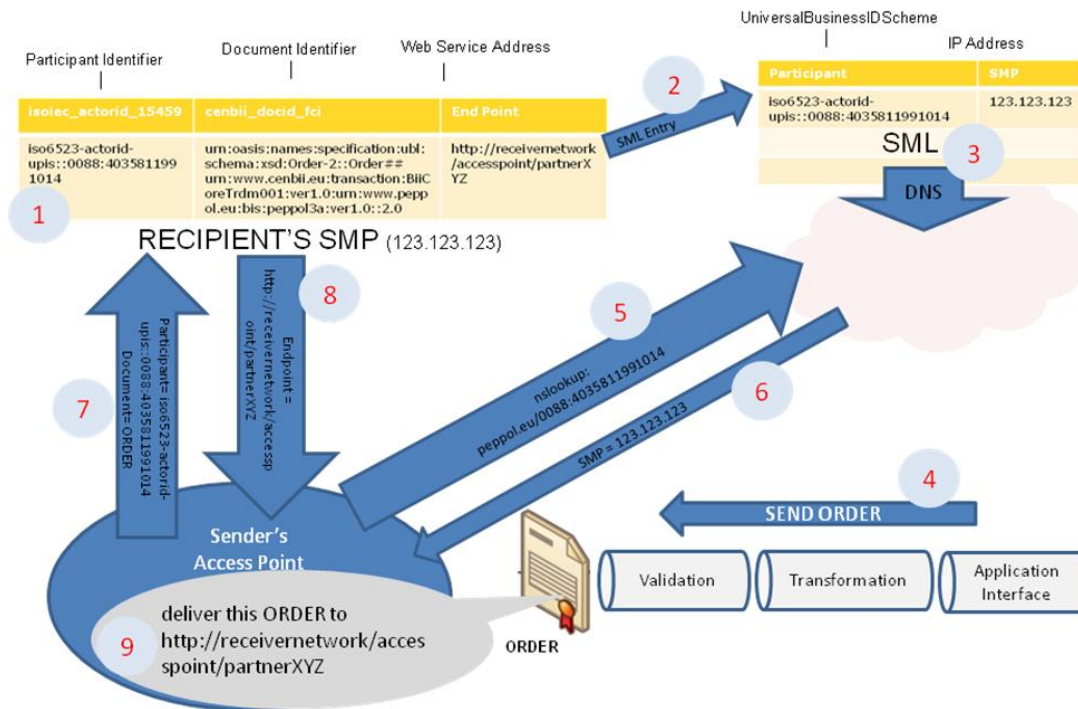
- 60 1. The policy of a federated¹ scheme for identifying Parties.
61 Parties in the BusDox infrastructure play the role of Participants. There are sender and
62 receiver Participants in any exchange, but the BusDox Service Metadata only publishes
63 services defined for the receiver Participant. The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

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.

85 Point provider) achieve this by searching the Service Metadata Locator to find the relevant
 86 Service Metadata Publisher (SMP) that can identify the endpoint address (NB. not the same
 87 as the Endpoint ID in the business document) within the recipient’s access point. This
 88 endpoint address is the service address where the document is accepted (AP). Therefore it is
 89 important to define precisely what documents and services can be handled by the receiving
 90 Participant.

91 The diagram below shows the relationship of these information elements.



92 Because PEPPOL creates Interoperability Specifications based on the CEN BII (and BII2)
 93 recommendations these services can be identified by a combination of their document
 94 schema and type, BII transaction data model, and the PEPPOL Business Interoperability
 95 Specification (BIS) (denoting business context of use)³. It is also feasible that there may be
 96 further extensions of these customizations for specific trading communities.
 97

98 2 Policy for PEPPOL Party Identification

99 The following aspects are addressed in this policy:

- 100 1. The PEPPOL code list of Party Identification schemes used in BII documents.
 101 Note that the BII specifications (CWA 16073)⁴ do not specify any Party Identification
 102 Schemes.
- 103 2. The PEPPOL code list of Participant Identification format schemes used in BusDox metadata.
 104 The PEPPOL BusDox transport Infrastructure and its supporting parts are documented in:
 105 [http://www.peppol.eu/work_in_progress/wp8-
 106 Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-
 107 specifications](http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications)

108 PEPPOL will not implement its own scheme for identifying Parties. Instead we will support a
 109 federated system for uniquely identifying parties following the ISO 15459 format scheme⁵ for unique

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

110 identifiers. This requires defining a controlled set of Issuing Agency Codes⁶ (IACs) for identification
111 schemes (also known as party identifier types⁷ or Identification code qualifier⁸ or International Code
112 Designators⁹ or Party ID Type¹⁰) required by PEPPOL implementations.

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

115 • For BusDox, it will be part of the PEPPOL SMP Provider agreement that SMP Providers have
116 suitable governance of their identification schemes when they enter, update and delete
117 information on their SMP.

118 • Within the content of business documents, each PEPPOL Participant will be responsible for
119 using the appropriate PEPPOL Party Identifier.

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

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

125 2.1 Format

126 **POLICY 1 Use of ISO15459 encoding**

127 Participant and Party Identifiers should adhere to ISO 15459 constraints:
128 - cannot be more than 50 characters long
129 - can only contain characters and numeric digits from the invariant character set of ISO/IEC 646 (ISO
130 7-bit coded character set)

131 **POLICY 2 Use of ISO15459 structure**

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

135 **POLICY 3 PEPPOL identifier value casing**

136 All PEPPOL identifier values (participant, document and process) have to be treated case insensitive
137 even if the underlying scheme requires a case sensitive value.

138 Example:

139 Participant identifier value "0088:abc" is equal to "0088:ABc"

140 Participant identifier value "0088:abc" is different from "0010:abc"

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

141 **POLICY 4 Coding of Issuing Agencies**

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

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

147 **2.2 Issuing Agency Code Values**

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

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

- 154 1. International recognized standard schemes, then
- 155 2. International de-facto accepted schemes, then
- 156 3. Nationally defined schemes

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

- 162 1. ISO 6523 International Code Designator (if known), or
- 163 2. ISO 9735 Identification code qualifier (if known), or
- 164 3. An incremental number starting from 9900 (issued by PEPPOL/BII)

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

168 **POLICY 5 PEPPOL participant identifier scheme**

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

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

171 POLICY 6 Numeric Codes for Issuing Agencies

172 The numeric ISO6523 code set as used in BII include additional code values not part of the official ISO
 173 6523 code set and so cannot be referred to as the official ISO 6523 code set¹³. The codes starting
 174 with "99" are extending this code set. For convenience the term "ISO6523" is used for all codes and
 175 indicates the origin of many code values used.

176 POLICY 7 XML attributes for Participant Identifiers in BusDox

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

179 Example:

```
180 <ParticipantIdentifier scheme="iso6523-actorid-  
181 upis">0088:4035811991014</ParticipantIdentifier>
```

182 POLICY 8 XML attributes for Party Identifiers in UBL documents

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

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

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

188 Example:

```
189 <cac:PartyIdentification>  
190 <cbc:ID schemeID="GLN">4035811991014</cbc:ID>  
191 </cac:PartyIdentification>
```

192 and

```
193 <cac:Party>  
194 <cbc:EndpointID schemeID="GLN">4035811991014</cbc:EndpointID>  
195 </cac:Party>
```

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

schemeID	schemeAgencyName	Numeric ISO6523 code
GLN	GS1	0088
DUNS	Dun & Bradstreet	0062
IBAN	S.W.I.F.T. Society for Worldwide Interbank Financial Telecommunications s.c.	0021
ISO6523	ISO (International Organization for Standardization)	0028
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

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

schemeID	schemeAgencyName	Numeric ISO6523 code
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

197 The normative form of the code list is available as a Genericcode file at
 198 [https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-](https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-peppol/trunk/src/main/resources/genericcode/PeppolIdentifierIssuingAgencies.gc)
 199 [peppol/trunk/src/main/resources/genericcode/PeppolIdentifierIssuingAgencies.gc](https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-peppol/trunk/src/main/resources/genericcode/PeppolIdentifierIssuingAgencies.gc).

200 Examples:

- 201 • Use in a BusDox SMP:

202 The following example denotes that the Participant is identified using the ISO 6523
 203 International Code Designator in the CEN/BII set of Issuing Agency Codes. This in turn has a
 204 numeric value of 0088 meaning that the party has a 0088 (GLN) identifier of
 205 "4035811991014".

```
206 <ParticipantIdentifier scheme="iso6523-actorid-  
207 upis">0088:4035811991014</ParticipantIdentifier>
```

208 The following example denotes that the Participant is identified using the ISO 6523
 209 International Code Designator in the CEN/BII set of Issuing Agency Codes. This in turn has a
 210 numeric value of 9902 meaning that the party has the 9902 (DK:CVR) identifier "987654321".

```
211 <ParticipantIdentifier scheme="iso6523-actorid-  
212 upis">9902:987654321</ParticipantIdentifier>
```

- 213 • Use in a BII (UBL) document:

214 The following example denotes that the Issuing Agency is "GS1" in the CEN/BII set of Issuing
 215 Agency Codes and the identifier is "GLN". This means that the party has the GLN identifier
 216 "4035811991014".

```
217 <cac:PartyIdentification>  
218 <cbc:ID schemeID="GLN">4035811991014</cbc:ID>  
219 </cac:PartyIdentification>
```

220 The following examples denotes that the Issuing Agency is DK:CVR in the CEN/BII set of
 221 Issuing Agency Codes. This means that the party has the Danish CVR identifier "987654321".

```
222 <cac:PartyIdentification>  
223 <cbc:ID schemeID="DK:CVR">987654321</cbc:ID>  
224 </cac:PartyIdentification>
```

225 and

```

226 <cac:PartyIdentification>
227   <cbc:ID schemeID="DK:CVR" schemeAgencyName=" The Danish
228   Commerce and Companies Agency"
229   schemeURI="urn:anyurn:dk:cvr">987654321</cbc:ID>
230 </cac:PartyIdentification>
231

```

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

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

```

236 <cac:Party>
237   <cbc:EndpointID schemeID="GLN">4035811991014</cbc:EndpointID>
238 </cac:Party>

```

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

```

240 <ParticipantIdentifier scheme="iso6523-actorid-
241 upis">0088:4035811991014</ParticipantIdentifier>

```

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

245 **POLICY 9 Participant Identifiers for DNS**

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

248 Explanation:

<hash-of-value>	Is the string representation of the MD5 hash value, of the lowercased identifier value (e.g. 0088:abc). Note: it is important, that the MD5 hash value is generated after the identifier value has been lowercased because according to POLICY 3 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 .
<SML-zone-name>	Is the DNS domain name of the SML zone (e.g. "sml.peppolcentral.org." – mind the trailing dot).

249 Example:

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

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

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

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

255 **3 Policy on Identifying Services supported by PEPPOL**

256 **3.1 Format**

257 Services used in PEPPOL are identified using the concepts defined in the PEPPOL Identifier Schemes
258 Version 1.0.0¹⁵:

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

260 • **Format Identifier:**

261 This identifies the specific syntax of the document that is being exchanged in the service. For
262 XML documents, the root element namespace (the namespace of the schema defining the
263 root element) and document element local name (the name of the root element) are
264 concatenated (using the “:” delimiter) to define the syntax of the XML document.

265 • **Customization Identifier:**

266 This represents a customization of a service, such as a customization of the document
267 format. For PEPPOL, refinements of CEN/BII profiles are necessary to support the specific
268 requirements for cross-border eProcurement. These are documented in PEPPOL Business
269 Interoperability Specifications. PEPPOL Business Interoperability Specifications also indicate
270 the implementation syntax of the BII Profile. [Note: PEPPOL BIS specifications are available at
271 www.peppol.eu/results.]

272 • **Version Identifier:**

273 This identifies the version of a document following the versioning conventions of that specific
274 document syntax.

275 **POLICY 10 PEPPOL Document Identifier scheme**

276 The PEPPOL document identifier scheme to be used is:
277 `busdox-docid-qns`

278 **POLICY 11 PEPPOL Customization Identifiers**

279 The PEPPOL Customization Identifier identifies the standardised transaction (e.g. BII transaction) and
280 any PEPPOL extension, as it applies to the transaction. The full syntax is:
281 `<transactionId>:# <extensionId>[#<extensionId>]`

282 Example:

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

283 urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.
 284 eu:bis:peppol3a:ver1.0

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

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

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

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

291 Example:

```
292 <cbc:CustomizationID schemeID="PEPPOL">
293 urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.peppol.eu:bis:
294 peppol3a:ver1.0
295 </cbc:CustomizationID>
```

296 **POLICY 13 PEPPOL Document Identifiers**

297 The format of the Document Identifier is:

298 <root NS>::<document element local name>##<customization id>::<version>

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

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

305 Example:

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

```
308 urn:oasis:names:specification:ubl:schema:xsd:Order-
309 2::Order##urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:w
310 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

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

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

314 Example usage in the SMP:

```
315 <DocumentIdentifier scheme="busdix-docid-qns">
316 urn:oasis:names:specification:ubl:schema:xsd:Order-
317 2::Order##urn:www.cenbii.eu:transaction:biicoretrdm001:ver1.0:#urn:www.pepp
318 ol.eu:bis:peppol3a:ver1.0::2.0</DocumentIdentifier>
```

319 **3.2 Document ID Values**

320 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

321 The normative form of the code list is available as a Genericcode file at [https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-](https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-peppol/trunk/src/main/resources/genericcode/PeppolDocumentIdentifier.gc)
 322 [peppol/trunk/src/main/resources/genericcode/PeppolDocumentIdentifier.gc](https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-peppol/trunk/src/main/resources/genericcode/PeppolDocumentIdentifier.gc)

323 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
 324 implementing solutions for PEPPOL services.

325 4 Policy on Identifying Processes supported by PEPPOL

326 4.1 Format

327 POLICY 15 PEPPOL BusDox Process Identifier scheme

328 The PEPPOL BusDox process identifier scheme to be used is:
329 cenbii-procid-ubl

330 POLICY 16 PEPPOL Process Identifiers

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

333 Example:

334 The following process identifier is used for “BII04 - Invoice only”:

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

336 POLICY 17 Specifying Process Identifiers in SMP documents

337 The value for the scheme attribute must be “cenbii-procid-ubl” (see POLICY 15) and the element
338 value must be the process identifier itself.

339 Example:

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

342 4.2 Process ID values

343 Below is an initial list of predefined PEPPOL process identifiers and the matching PEPPOL BIS
344 identifiers. Below each profile a list of all supported document identifiers (see above) valid for this
345 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	urn:www.cenbii.eu:profile:bii03:ver1.0	urn:www.peppol.eu:bis:peppol3a:ver1.0

Only

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

- 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

346 The normative form of the code list is available as a Genericcode file at
 347 [https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-](https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-peppol/trunk/src/main/resources/genericcode/PeppolProcessIdentifier.gc)
 348 [peppol/trunk/src/main/resources/genericcode/PeppolProcessIdentifier.gc](https://svn.forge.osor.eu/svn/peppol/java/busdox/busdox-peppol/trunk/src/main/resources/genericcode/PeppolProcessIdentifier.gc)

349 5 Governance of this Policy

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

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

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

- 357 1. International recognized standard schemes (CEN, ISO, UN/ECE)
- 358 2. International de-facto accepted schemes (OASIS)
- 359 3. Nationally defined schemes

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

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

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

377 6 References

- 378 • BusDox
379 [http://www.peppol.eu/work_in_progress/wp8-
380 Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-
381 specifications](http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications)
- 382 • ISO 15459
383 http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=51284
384 http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=43349
- 385 • CEN/BII
386 <http://www.cen.eu/cwa/bii/specs/>

- 387 • ISO 9735 Service Code List (0007)
- 388 <http://www.gefeg.com/jswg/cl/v41/40107/cl3.htm>
- 389 • ISO 6523
- 390 http://www.iso.org/iso/catalogue_detail?csnumber=25773
- 391 • OASIS UBL
- 392 <http://docs.oasis-open.org/ubl/os-UBL-2.0.zip>
- 393 • OASIS ebCore
- 394 <http://docs.oasis-open.org/ebcore/PartyIdType/v1.0/CD03/PartyIdType-1.0.html>
- 395 • UN/CEFACT
- 396 <http://www.unece.org/cefact/>