



PEPPOL European Norm for E-invoicing

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European Norm for e-invoicing and relevant technical specifications

Consists of

- ▶▶ semantic data model incl business rules (European Norm)
- ▶▶ list of syntaxes (Technical Specification)
- ▶▶ syntax binding for each syntax (Technical Specification)
- ▶▶ other supporting specifications and guides (Technical Reports)

Our assumption is that the syntax bindings will be on the same level of detail as the current PEPPOL BIS (but without any restrictions on party identification schemes)

OpenPEPPOL's value proposition

OpenPEPPOL can provide a framework which becomes a one-stop-shop for enabling e-invoicing connectivity in line with the e-invoicing directive – no need for parallel solutions

OpenPEPPOL offers support for the full procurement process

Will not enforce migration of existing solutions (such as existing EDI-connections)

Use of syntaxes for the European Norm in PEPPOL

Goal: All syntaxes should be possible to exchange

- ▶▶ OpenPEPPOL will assign each syntax in the standard a **Document Type Identifier** for registration in the SMP

Goal: A common baseline for interoperability

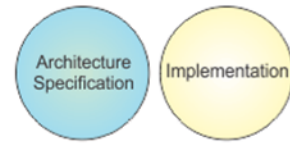
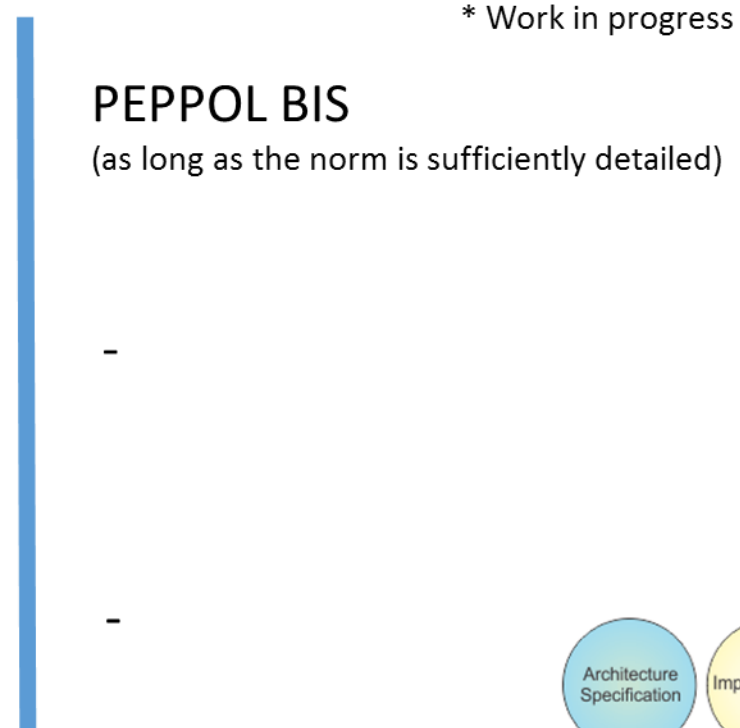
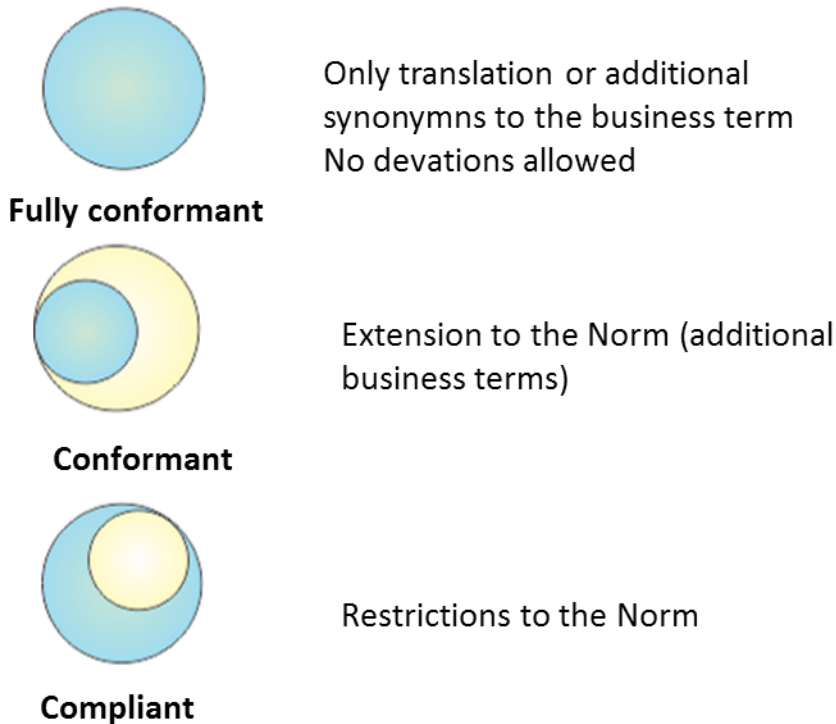
- ▶▶ The ISO/IEC 19845:2015 (UBL 2.1) syntax binding will be proposed as PEPPOL BIS v3 and will replace the current PEPPOL BIS Invoice v2

Syntax	<u>PEPPOL BIS 5A V3</u> Syntax 1 ISO/IEC 19845:2015 Universal Business Language Version 2.1 (UBL v2.1)	PEPPOL Document Type - Syntax 2 UN/CEFACT Cross Industry Invoice XML Schema version 11	PEPPOL Document Type - Syntax 3 UN/CEFACT EDIFACT D15B S3 INVOIC
Participants (registration of receiving capability in SMP)	M	O	O

M = Mandatory support

O = Optional support

CEN PC434 defines different level of conformance to the Norm and syntaxes*



Policy for use of Identifiers



- The Policy For Identifiers is essential to enable interoperability
- BUT – the policy sets the outer boundary of allowed values. That means restricts and the BIS would then not be “Fully Conformant”, only “Compliant”
- Proposal 1 – the policy will be redefined to become a recommendation
- Proposal 2 – the policy will be redefined to become a minimum support requirement (not the maximum support)

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PEPPOL
PAN-EUROPEAN PUBLIC PROCUREMENT ONLINE



Specification

OpenPEPPOL AISBL

PEPPOL Transport Infrastructure
ICT - Models

Policy for use of Identifiers

Version: 3.0
Status: In use

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Dissemination Level		
P	Public	X
C	Confidential, only for members of the consortium and the Commission Services	




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Important dates related to the e-invoicing directive

Mandatory EN-support for e-invoicing	
central public authorities	27 november 2018 (latest)
local and regional authorities	may postpone 30 months from publication/notification of the EN

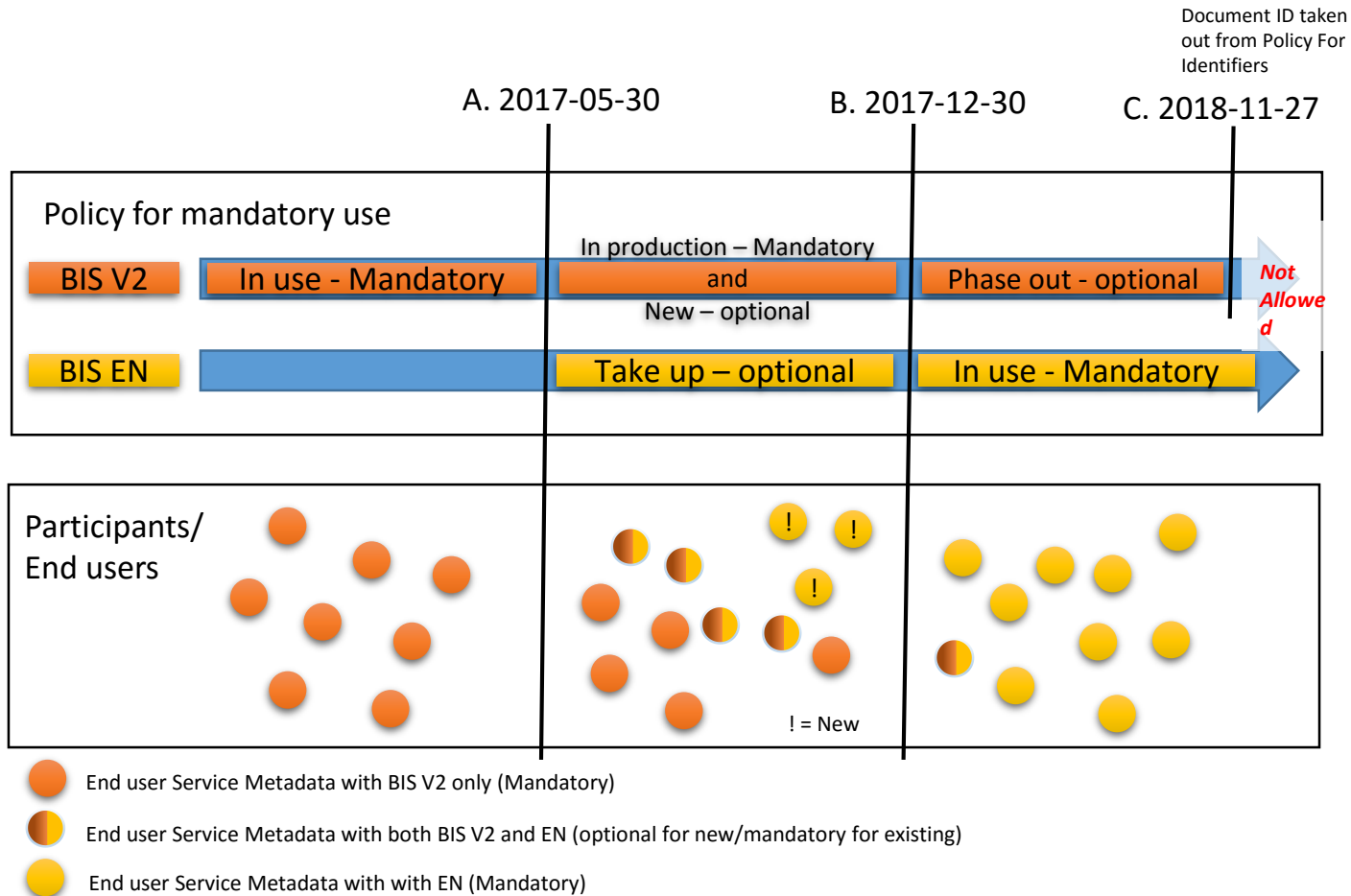
European Norm for E-invoicing	
Working draft available	Partially already now
Stable draft version available	201X-0X-XX
Published from CEN	2017-04-31

-  PEPPOL Project team starts analyzing
-  PEPPOL Project team starts developing*
-  PEPPOL Project team verify conformance

*Assuming anything additional needs to be developed

Migration from BIS V2 to European Norm

IDEAS FOR DISCUSSION



Challenges

- Quality of syntax bindings
- Maintenance of schematron source code? Ownership?
- Syntaxes without validation tool technology (like EDIFACT)?
- Enveloping of EDIFACT