

**CEN**

**CWA 17025-1**

**WORKSHOP**

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**AGREEMENT**

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English version

## Business Interoperability Interfaces for Public Procurement in Europe - Architecture - Part 1: Overview and Architecture

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## European foreword

CWA 17025-1, the **Overview and Architecture** was developed in accordance with CEN-CENELEC Guide 29 “CEN/CENELEC Workshop Agreements – The way to rapid agreement” and with the relevant provisions of CEN/CENELEC Internal Regulations - Part 2. It was agreed on 2015-12-02 in a Workshop by representatives of interested parties, approved and supported by CEN following a public call for participation made on 2013-02-20. It does not necessarily reflect the views of all stakeholders that might have an interest in its subject matter.

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This CEN Workshop Agreement (CWA) has been drafted and approved by the Workshop on **Business Interoperability Interfaces for Public procurement in Europe (BII)**, phase 3 – CEN WS/BII 3.

CWA 17025 is part of a set of CWAs prepared by CEN WS/BII 3<sup>1</sup>:

- CWA 17025:2016 Methodology and Architecture
- CWA 17026:2016 Notification profiles and transactions
- CWA 17027:2016 Tendering profiles and transactions
- CWA 17028:2016 Catalogue profiles and transactions
- CWA 17029:2016 Post-award profiles and transactions

CWA 17025 consists of the following Parts:

- CWA 17025-1: Overview and Architecture
- CWA 17025-101: Conformance and Customization Methodology guideline
- CWA 17025-102: Code List and Identifier Management specification
- CWA 17025-103: Business Document and Envelope guideline
- CWA 17025-104: Profile Architecture specification
- CWA 17025-105: Conformance Registry specification
- CWA 17025-106: Open Procurement Data report
- CWA 17025-107: Message Level Response guideline
- CWA 17025-108: Use of Digital Signature and Other Trust Services
- CWA 17025-109: Guideline on the Concept of Core
- CWA 17025-110: Profile Maintenance Process specification
- CWA 17025-111: Capturing Business Requirements specification

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<sup>1</sup> In order to ease the reading the CWAs provided by the CEN BII initiative, they are also made available on <http://www.cenbii.eu> together with explanatory notes and supporting material. The official version is however the version as published by CEN.

CWA 17025-112: Syntax Implementations Guideline Methodology guideline  
CWA 17025-113: Business Rules Description Mechanism guideline  
CWA 17025-114: Attachments Handling guideline  
CWA 17025-115: Semantic Data Type guideline  
CWA 17025-116: Glossary and Business Term Vocabulary  
CWA 17025-203: BDE Syntax Implementation Guideline for Messaging Envelope  
CWA 17025-207: UBL Syntax Implementation Guideline for Message Level Response

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## Introduction

The first CEN BII Workshop was established in May 2007 with the objective of harmonising electronic procurement in Europe. The CEN BII initiative, which now comprises a further two CEN Workshops, is a standardisation activity within CEN (European Committee for Standardisation). It provides a framework for interoperability in pan-European electronic transactions expressed as a set of technical specifications.

During the second phase of the initiative (CEN WS/BII 2) a set of technical specifications – “CEN BII Profiles” – were documented and published as five CEN Workshop Agreements (CWAs), which are currently used across Europe. The profiles are designed to facilitate effective public e-procurement based on a modular approach for implementation, with a focus on global interoperability.

The CEN BII profiles can be seen as “agreements” on message contents and business processes. The profile descriptions focus on core information elements that typically cater to the majority of user requirements applicable across Europe and lower the need for detailed bilateral agreements between the trading partners.

In its third phase (CEN WS/BII 3), which began in March 2013 with the approval of the business plan, the Workshop has focused on ensuring that all relevant aspects of e-procurement are covered, including additional business requirements coming from the new Public Procurement Directives<sup>2</sup> and alignment to other standardization efforts in the area of electronic invoicing, as well as ensuring wider recognition and adoption of its deliverables.

More information about the CEN BII initiative can be found on [www.cenbii.eu](http://www.cenbii.eu).

This document provides an overview of all deliverables from the Workshop and introduces the specific deliverables from the Architecture team.

### Target audience

The target audience for the Architecture CWAs is organisations who want to Customise some or all of the CEN WS/BII 3 deliverables. This may simply be to create mappings to their own syntax, or they may want to create their own semantics using our methodologies, or both.

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<sup>2</sup> Directive 2014/24/EU on public procurement – replaces Directive 2004/18/EC ("classic Directive"), Directive 2014/25/EU on procurement by entities operating in the water, energy, transport and postal services sectors – replaces Directive 2004/17/EC ("utilities Directive"), and Directive 2014/23/EU on the award of concession contracts (new)

# 1 Scope

## 1.1 Positioning

Despite its initial focus on the public sector, the vision of the CEN BII initiative is that all organizations – independent of whether they are public or private and whatever their size and nationality - are enabled to conduct electronic business in an effective and efficient manner, significantly lowering costs for transaction processing.

The CEN WS/BII3 Workshop mission is to spread and facilitate the use of eProcurement standards by suppliers and buyers, and especially public administrations, by:

- identifying requirements (including legal) regarding eProcurement standards;
- providing a general framework for the organizational and semantic levels of the electronic procurement documents;
- supporting the implementation of commonly applied international eProcurement standards;
- providing organizational support to ensure the governance and maintenance for those requirements.

This will be achieved by focusing on business requirements expressed in the European market and provide guidance to implementation projects on how relevant international standards may be applied in order to meet those requirements.

Figure 1 illustrates the strategic positioning that CEN WS/BII 3 aims at assuming with respect to Standard Development Organizations (SDOs) and implementation projects:

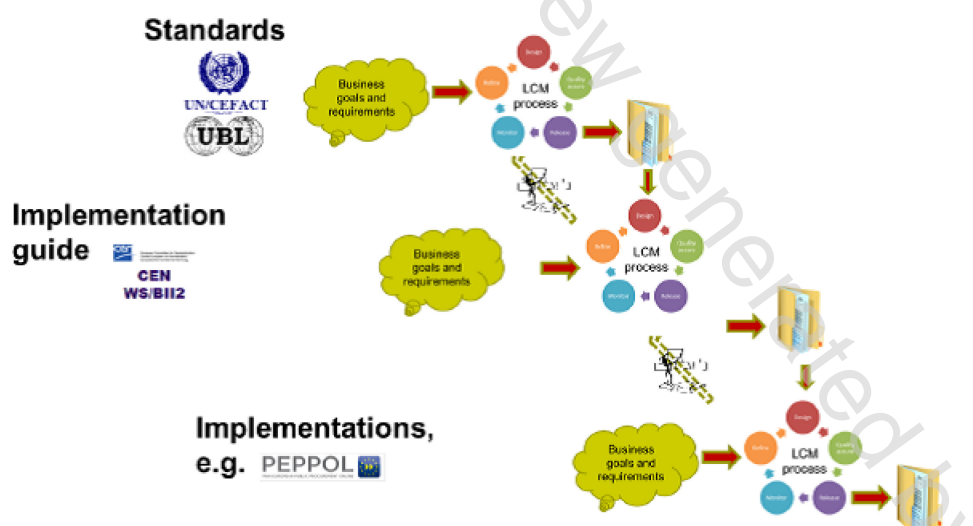


Figure 1 — Strategic positioning of the Workshop in the eProcurement context