
Elektronska javna naročila - Smernice za inovacije - 2-2. del: Identifikacija standardizacijskih dejavnosti za podporo inovativnemu razvoju v naročanju

Electronic Public Procurement - Innovation guideline - Part 2-2: Identification of standardization activities to support innovative developments in procurement

Elektronische öffentliche Beschaffung - Innovationsleitfaden - Teil 2-2: Identifizierung von Standardisierungsaktivitäten zur Unterstützung innovativer Entwicklungen im Beschaffungswesen

Marchés publics électroniques - Lignes directrices pour l'innovation - Partie 2-2 : Identification des activités de normalisation visant à soutenir les développements innovants dans le domaine des marchés publics

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Marchés publics électroniques - Lignes directrices pour
l'innovation - Partie 2-2 : Identification des activités de
normalisation visant à soutenir les développements
innovants dans le domaine des marchés publics

Elektronische öffentliche Beschaffung -
Innovationsleitfaden - Teil 2-2: Identifizierung von
Standardisierungsaktivitäten zur Unterstützung
innovativer Entwicklungen im Beschaffungswesen

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European foreword

This document (CEN/TR 17011-2-2:2026) has been prepared by Technical Committee CEN/TC 440 "Electronic Public Procurement", the secretariat of which is held by DIN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document is part of the CEN/TR 17011-2 series of multi-part documents prepared by CEN/TC 440, establishing the Strategic Trilogy for innovation procurement transformation:

- [CEN/TR 17011-2-1 \[1\]](#): Framework and models of innovative developments in procurement;
- **CEN/TR 17011-2-2**: Identification of standardization activities to support innovative developments in procurement;
- [CEN/TR 17011-2-3 \[2\]](#): Legislation and regulations to enable and support innovative developments in procurement.

This document is related to the broader CEN/TC 440 work programme including:

- 17014-series: eTendering Business Interoperability Specifications;
- 17015-series: eCatalogue Business Interoperability Specifications;
- 17016-series: eOrdering Business Interoperability Specifications;
- 17017-series: eFulfilment Business Interoperability Specifications.

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Introduction

Strategic Trilogy Technical Implementation Foundation

This Technical Report forms the **technical implementation pillar** of the CEN/TC 440 Strategic Trilogy, establishing systematic methodologies for converting the **50 INNOV innovations** identified in [CEN/TR 17011-2-1 \[1\]](#) into **87 comprehensive technical standards** while operating within the cross-sector legal facilitation framework provided by [CEN/TR 17011-2-3 \[2\]](#).

Strategic Technical Value Proposition:

- **Economic Impact: €418B annual value creation** through comprehensive 87-standard framework aligned with [CEN/TR 17011-2-1 \[1\]](#);
- **Standards Architecture: 87 technical standards** across four innovation dimensions with System-of-Systems orchestration;
- **Legal Integration:** Standards development enabled by comprehensive legal facilitation mechanisms from [CEN/TR 17011-2-3 \[2\]](#);
- **Cross-Sector Application:** Universal applicability (84.9% of standards) across public and private organizations;
- **Implementation Timeline:** 60-month phased deployment with progressive System-of-Systems evolution.

Four-Dimensional Standards Architecture

Dimension A: Business Model Innovation Standards

- **13 INNOV innovations → 22 comprehensive standards;**
- Focus: Circular economy, value optimization, product-as-service models;
- Economic Impact: **€45B annual value** through business model transformation;
- Legal Enablement: Circular business model legal authorization from [CEN/TR 17011-2-3 \[2\]](#).

Dimension B: Innovative Operational Procurement Standards

- **12 INNOV innovations → 28 comprehensive standards;**
- Focus: Enhanced PCP/PPI, seven-procedure framework, digital platforms;
- Economic Impact: **€158B annual value** through operational excellence;
- Legal Enablement: Innovation authorization frameworks beyond PCP/PPI from [CEN/TR 17011-2-3 \[2\]](#).

Dimension C: Innovation Sourcing Standards

- **5 INNOV innovations → 25 comprehensive standards;**
- Focus: AI-driven analytics, strategic methodologies, federated intelligence;
- Economic Impact: **€130B annual value** through innovation sourcing transformation;
- Legal Enablement: Cross-sector data sharing and AI compliance frameworks from [CEN/TR 17011-2-3 \[2\]](#).

CEN/TR 17011-2-2:2026 (E)**Dimension D: Technological Innovation Standards**

- **20 INNOV innovations → 12 comprehensive standards;**
- Focus: IoT, blockchain, AI integration, emerging technologies;
- Economic Impact: **€85B annual value** through technology coordination;
- Legal Enablement: Innovation sandboxes and technology safe harbors from [CEN/TR 17011-2-3 \[2\]](#).

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1 Scope

This document establishes the **technical pillar** of the Strategic Trilogy, converting the 50 INNOV innovations from [CEN/TR 17011-2-1 \[1\]](#) into **87 comprehensive standards** while operating within the legal facilitation framework provided by [CEN/TR 17011-2-3 \[2\]](#).

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

4 Standards Development Methodology

4.1 INNOV-to-Standards Conversion Process

Systematic Conversion Framework:

The methodology converts each of the 50 INNOV innovations from [CEN/TR 17011-2-1 \[1\]](#) into multiple technical standards following a structured process:

- a) **Innovation Analysis:** Detailed examination of INNOV innovation requirements and use cases;
- b) **Gap Identification:** Systematic identification of technical standardization needs;
- c) **Standards Architecture:** Design of comprehensive technical specifications;
- d) **Cross-Dimensional Integration:** Coordination with System-of-Systems orchestration requirements;
- e) **Legal Compliance:** Alignment with legal facilitation mechanisms from [CEN/TR 17011-2-3 \[2\]](#).

4.2 Four-Dimensional Standards Organization

Dimension A: Business Model Innovation Standards (22 Standards)

Based on 13 INNOV innovations focused on circular economy and value optimization:

Key Standards Categories:

- Circular Business Model Assessment Frameworks (5 standards);
- Value Creation and Capture Methodologies (4 standards);
- Product-as-Service Procurement Models (6 standards);
- Social Impact and Sustainability Integration (4 standards);
- Performance-Based Business Model Standards (3 standards).