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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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TECHNICAL REPORT
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FINAL DRAFT
FprCEN/TR 17011-2-2

April 2026

ICS 01.120; 03.100; 35.240.63

English Version

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

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

This draft Technical Report is submitted to CEN members for Vote. It has been drawn up by the Technical Committee CEN/TC 440.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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COMITÉ EUROPÉEN DE NORMALISATION
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FprCEN/TR 17011-2-2 (E)

European foreword

This document (FprCEN/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.

This document is currently submitted to the Vote on TR.

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:

- **FprCEN/TR 17011-2-1**: Framework and models of innovative developments in procurement;
- **FprCEN/TR 17011-2-2**: Identification of standardization activities to support innovative developments in procurement;
- **FprCEN/TR 17011-2-3**: 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 [FprCEN/TR 17011-2-1 \[1\]](#) into **87 comprehensive technical standards** while operating within the cross-sector legal facilitation framework provided by [FprCEN/TR 17011-2-3 \[2\]](#).

Strategic Technical Value Proposition:

- **Economic Impact: €418B annual value creation** through comprehensive 87-standard framework aligned with [FprCEN/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 [FprCEN/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 [FprCEN/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 [FprCEN/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 [FprCEN/TR 17011-2-3 \[2\]](#).

FprCEN/TR 17011-2-2 (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 [FprCEN/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 [FprCEN/TR 17011-2-1 \[1\]](#) into **87 comprehensive standards** while operating within the legal facilitation framework provided by [FprCEN/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 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 [FprCEN/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 [FprCEN/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).

Dimension B: Innovative Operational Procurement Standards (28 Standards)