



SLOVENSKI STANDARD
kSIST-TP FprCEN/TR 17011-2-1:2026
01-julij-2026

Elektronska javna naročila - Smernice za inovacije - 2-1. del: Okvir in modeli inovativnih pristopov v naročanju

Electronic Public Procurement - Innovation guideline - Part 2-1: Framework and models of innovative developments in procurement

Elektronische öffentliche Beschaffung - Innovationsleitfaden - Teil 2-1: Rahmen und Modelle für innovative Entwicklungen in der Beschaffung

Marchés publics électroniques - Lignes directrices en matière d'innovation - Partie 2-1: Cadre et modèles de développements innovants en matière de marchés publics

Ta slovenski standard je istoveten z: FprCEN/TR 17011-2-1

ICS:

03.100.10	Nabava. Dobava. Logistika	Purchasing. Procurement. Logistics
35.240.63	Uporabniške rešitve IT v trgovini	IT applications in trade

kSIST-TP FprCEN/TR 17011-2-1:2026 en,fr,de

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

Sample Document

get full document from standards.iteh.ai

TECHNICAL REPORT
RAPPORT TECHNIQUE
TECHNISCHER REPORT

FINAL DRAFT
FprCEN/TR 17011-2-1

April 2026

ICS 03.100.10; 35.240.63

English Version

Electronic Public Procurement - Innovation guideline - Part 2-1: Framework and models of innovative developments in procurement

Marchés publics électroniques - Lignes directrices en
matière d'innovation - Partie 2-1: Cadre et modèles de
développements innovants en matière de marchés
publics

Elektronische öffentliche Beschaffung -
Innovationsleitfaden - Teil 2-1: Rahmen und Modelle
für innovative Entwicklungen in der Beschaffung

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

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

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.

Warning : This document is not a Technical Report. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a Technical Report.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

© 2026 CEN All rights of exploitation in any form and by any means reserved
worldwide for CEN national Members.

Ref. No. FprCEN/TR 17011-2-1:2026 E

Contents	Page
European foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Executive Summary	7
5 Strategic Framework Overview	8
5.1 The Procurement Innovation Standardization Process	8
5.2 Stage 1: INNOV Toolbox Foundation Analysis	8
5.3 Stage 2: Four-Dimensional Innovation Architecture Development	8
5.4 Stage 3: System-of-Systems (SoS) Integration	9
5.5 Stage 4: Cross-Sector Standards Implementation Architecture	9
6 The Four-Dimensional Innovation Architecture	9
6.1 Overview on the Four-Dimensional Innovation Architecture	9
6.2 Framework Integration Model	10
6.3 Cross-Dimensional Dependencies and Integration	11
6.4 Key Innovation Highlights	11
7 Business Model Innovation Framework (Dimension A)	12
7.1 Circular Business Model Assessment Framework	12
7.2 Value Creation and Capture Framework	12
7.3 Product-as-Service Procurement Model	13
8 Operational Excellence Framework (Dimension B)	13
8.1 Digital Transformation Architecture	13
8.2 EU Regulatory Harmonization Framework	14
8.3 Life Cycle Management Framework	14
9 Innovation Sourcing Framework (Dimension C)	15
9.1 Strategic Innovation Planning Model	15
9.2 Enhanced PCP Framework	15
9.3 Enhanced PPI Framework	16
10 Technological Innovation Framework (Dimension D)	16
10.1 AI Integration Architecture	16
10.2 Blockchain Integration Framework	17
10.3 IoT Ecosystem Framework	17
11 System-of-Systems (SoS) Orchestration Framework	17
11.1 General	17
11.2 Four-Layer Orchestration Platform	17
11.3 SoS Integration Dynamics	18
12 Implementation Governance Models	19
12.1 Multi-Stakeholder Governance Framework	19
12.2 Performance Management Model	19
12.3 Risk Management Framework	20
13 Cross-Sector Integration Models	20
13.1 Public Sector Model	20
13.2 Private Sector Model	20
13.3 Cross-Sector Collaboration Model	21
14 Legal Integration and Compliance Framework	21
14.1 Integration with FprCEN/TR 17011-2-3 [2] Legal Facilitation	21
14.2 Cross-Sector Innovation Authorization	21
14.3 System-of-Systems Legal Coordination	22
14.4 Compliance Simplification Benefits	22

14.5	Expected Impact and Outcomes	22
15	Implementation Roadmap	23
15.1	Phase 1: Foundation (Months 1-24)	23
15.2	Phase 2: Scaling (Months 24-42)	23
15.3	Phase 3: Optimization (Months 42-60)	24
16	Quality Assurance Framework	24
16.1	Standards Compliance	24
16.2	Continuous Improvement	24
16.3	International Coordination	24
17	Conclusion	25
	Bibliography	26

Sample Document

get full document from standards.iteh.ai

FprCEN/TR 17011-2-1 (E)

European foreword

This document (FprCEN/TR 17011-2-1:2026) 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:

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

Sample Document

get full document from standards.iteh.ai

1 Scope

This document establishes comprehensive frameworks and models for innovative developments in procurement across all sectors, providing systematic methodologies and organizational frameworks enabling transformation of procurement practices through structured governance and innovation management.

This document applies to:

- **Organizations**
 - public sector procurement authorities at local, regional, national, and European levels;
 - private sector organizations engaging in innovation partnerships with public entities;
 - research and development institutions participating in cross-sector innovation;
 - SMEs and large enterprises involved in public-private innovation ecosystems;
 - international organizations seeking to implement European innovation procurement approaches.
- **Innovation Coverage**
 - cross-sector innovation frameworks applicable to both public and private organizations;
 - enhanced Pre-Commercial Procurement (PCP) and Public Procurement of Innovation (PPI) frameworks;
 - system-of-Systems (SoS) orchestration for complex multi-organizational coordination;
 - four-dimensional innovation architecture covering business models, operations, sourcing, and technology.
- **Framework Applications**
 - strategic innovation planning and implementation across organizational boundaries;
 - digital transformation and technology integration for all sectors;
 - circular economy and sustainable procurement models;
 - cross-border collaboration and harmonization mechanisms.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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