

Sustainability of construction works - Environmental
product declarations - Communication format
business-to-business

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 15942:2021 sisaldab Euroopa standardi EN 15942:2021 ingliskeelset teksti.	This Estonian standard EVS-EN 15942:2021 consists of the English text of the European standard EN 15942:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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English Version

**Sustainability of construction works - Environmental
product declarations - Communication format business-to-
business**

Contribution des ouvrages de construction au
développement durable - Déclarations
environnementales des produits - Formats de
communication entre professionnels

Nachhaltigkeit von Bauwerken -
Umweltproduktdeklarationen -
Kommunikationsformate zwischen Unternehmen

This European Standard was approved by CEN on 20 September 2021.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

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European foreword

This document (EN 15942:2021) has been prepared by Technical Committee CEN/TC 350 “Sustainability of construction works”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2022, and conflicting national standards shall be withdrawn at the latest by May 2022.

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 supersedes EN 15942:2011.

In comparison with the previous edition, the following technical modifications have been made:

- alignment of the content to the last amendment of EN 15804 (EN 15804:2012+A2:2019);
- revision of the general information table according to the content usually provided in EPDs;
- update of the tables to allow the declaration of more than one scenario per module;
- revision of the text to keep consistency with other CEN/TC 350 complementary standards.

This document has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: 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, Turkey and the United Kingdom.

Introduction

The aim of this document is to harmonize the way in which environmental product declarations (EPD) are communicated in Europe.

It is relevant to the use of the EPD in the building chain where materials and products are assembled into new products and assemblies, each with their own EPD.

This document will improve handling of the data from EPD at the building level and the assessment of environmental performance of buildings.

An EPD expressed in a standardized format will facilitate the communication of the product's environmental performance for business-to-business (B2B).

1 Scope

This document is applicable to all construction products and services related to buildings and construction works. It specifies and describes the communication format for the information defined in EN 15804 for business-to-business communication to ensure a common understanding through consistent communication of information.

NOTE This document does not deal with business-to-consumer communication and is not intended for that purpose. Business-to-consumer communication format is planned to be the subject of a future document.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15804:2012+A2:2019, *Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15804 and the following apply.

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

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

3.1

consumer

individual member of the general public purchasing or using goods, property or services for private purposes

[SOURCE: EN ISO 14025:2010]

3.2

business-to-business communication

describing or involving the passage of information between different businesses, rather than between businesses and the general public and consumers

3.3

Information Transfer Matrix

ITM

generic template to present and transfer environmental information in a structured and consistent way and in a common format

3.4

significant figures

those digits of a number that carry meaning contributing to its precision

Note 1 to entry: This includes all digits except:

- leading and trailing zeros where they serve merely as placeholders to indicate the scale of the number,
- spurious digits introduced, for example, by calculations carried out to greater accuracy than that of the original data, or measurements reported to a greater precision than the EPD supports.