TECHNICAL SPECIFICATION

SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

CEN ISO/TS 14027

February 2018

ICS 13.020.50

English Version

Environmental labels and declarations - Development of product category rules (ISO/TS 14027:2017)

Marquages et déclarations environnementaux - Développement des règles de définition des catégories de produit (ISO/TS 14027:2017)

Umweltkennzeichnungen und -deklarationen - Entwicklung von Produktkategorieregeln (ISO/TS 14027:2017)

This Technical Specification (CEN/TS) was approved by CEN on 8 January 2018 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. CEN ISO/TS 14027:2018 E

European foreword

The text of ISO/TS 14027:2017 has been prepared by Technical Committee ISO/TC 207 “Environmental management” of the International Organization for Standardization (ISO) and has been taken over as CEN ISO/TS 14027:2018.

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.

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Endorsement notice

The text of ISO/TS 14027:2017 has been approved by CEN as CEN ISO/TS 14027:2018 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 207, *Environmental management*, Subcommittee SC 3, *Environmental labelling*.

Introduction

International standards for product-related environmental communication, based on life cycle assessment (LCA), necessitate the use of product category rules (PCR). Since the publication of ISO 14025, ISO 14046, ISO/TS 14067 and ISO 21930 between 2006 and 2014, operators of Type III environmental product declaration and footprint communications as well as other organizations have gained varying levels of experience with the development and use of PCR.

The quality of PCR available on the market varies and PCR of low quality bear the risk of undermining the usefulness and credibility of PCR in general. A common international approach to the development of PCR can also facilitate the involvement of all interested parties, including those from developing countries, which can increase the quality and consistency of PCR generally.

This document is intended to ensure a certain level of quality of PCR by providing principles, requirements and guidelines for their development, including reviewing, registration and updating.

This document is intended to benefit organizations, governments, communities and other interested parties through:

— providing efficient and consistent procedures for developing PCR of good quality;

— enabling the harmonization of PCR, or the recognition of equivalence of measures, when relevant;

— providing a better understanding of PCR especially among interested parties and regions;

— encouraging the adoption and dissemination of PCR in the business community; enhancing the credibility, consistency (e.g. between different regions or sectors) and transparency of PCR.

This document is part of the suite of standards developed by ISO/TC 207/SC 3 dealing with environmental labels and environmental declarations of products.

Environmental labels and declarations — Development of product category rules

1 Scope

This document provides principles, requirements and guidelines for developing, reviewing, registering and updating PCR within a Type III environmental declaration or footprint communication programme based on life cycle assessment (LCA) according to ISO 14040 and ISO 14044 as well as ISO 14025, ISO 14046 and ISO/TS 14067.

It also provides guidance on how to address and integrate additional environmental information, whether or not it is based on LCA in a coherent and scientifically sound manner according to ISO 14025.

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.

ISO 14020, *Environmental labels and declarations — General principles*

ISO 14021:2016, *Environmental labels and declarations — Self-declared environmental claims (Type II environmental labelling)*

ISO 14025:2006, *Environmental labels and declarations — Type III environmental declarations — Principles and procedures*

ISO 14040:2006, *Environmental management — Life cycle assessment — Principles and framework*

ISO 14044:2006, *Environmental management — Life cycle assessment — Requirements and guidelines*

ISO 14046, *Environmental management — Water footprint — Principles, requirements and guidelines*

ISO/TS 14067, *Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification and communication*

ISO/TS 14071:2014, *Environmental management — Life cycle assessment — Critical review processes and reviewer competencies: Additional requirements and guidelines to ISO 14044:2006*

3 Terms and definitions

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

ISO and IEC maintain terminological 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/