



**NSAI**  
Standards

Irish Standard Recommendation  
S.R. CEN ISO/TS 14027:2018

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

© CEN 2018 No copying without NSAI permission except as permitted by copyright law.

**S.R. CEN ISO/TS 14027:2018**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

*This document is based on:*

CEN ISO/TS 14027:2018

*Published:*

2018-02-07

*This document was published  
under the authority of the NSAI  
and comes into effect on:*

2018-02-25

ICS number:

13.020.50

NOTE: If blank see CEN/CENELEC cover page

NSAI  
1 Swift Square,  
Northwood, Santry  
Dublin 9

T +353 1 807 3800  
F +353 1 807 3838  
E standards@nsai.ie  
W NSAI.ie

Sales:  
T +353 1 857 6730  
F +353 1 857 6729  
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

S.R. CEN ISO/TS 14027:2018 is the adopted Irish version of the European Document CEN ISO/TS 14027:2018, Environmental labels and declarations - Development of product category rules (ISO/TS 14027:2017)

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

For relationships with other publications refer to the NSAI web store.

**Compliance with this document does not of itself confer immunity from legal obligations.**

*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

This page is intentionally left blank

TECHNICAL SPECIFICATION

**CEN ISO/TS 14027**

SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

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.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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



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

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

**CEN ISO/TS 14027:2018 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

## **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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## **Endorsement notice**

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

This page is intentionally left blank

# TECHNICAL SPECIFICATION

**ISO/TS  
14027**

First edition  
2017-04

---

---

## **Environmental labels and declarations — Development of product category rules**

*Marquages et déclarations environnementaux — Développement des  
règles de catégorie de produit*



Reference number  
ISO/TS 14027:2017(E)

© ISO 2017

**ISO/TS 14027:2017(E)**



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
copyright@iso.org  
www.iso.org

# Contents

Page

<b>Foreword</b>	<b>iv</b>
<b>Introduction</b>	<b>v</b>
<b>1 Scope</b>	<b>1</b>
<b>2 Normative references</b>	<b>1</b>
<b>3 Terms and definitions</b>	<b>1</b>
<b>4 Symbols and abbreviated terms</b>	<b>4</b>
<b>5 Principles</b>	<b>4</b>
5.1 LCA based environmental information	4
5.2 Involvement of interested parties	4
5.3 Comparability	4
<b>6 PCR development</b>	<b>4</b>
6.1 General	4
6.2 Consistent information	5
6.3 Comparability	5
6.4 PCR preparation	5
6.4.1 Formation of the PCR committee	5
6.4.2 Tasks of the PCR committee	6
6.4.3 Adaptation of existing PCR	6
6.4.4 Open consultation	8
6.5 Content of the PCR	8
6.5.1 Product category	8
6.5.2 Functional unit or declared unit	8
6.5.3 Requirements for conducting the underlying LCA or footprint studies	8
6.5.4 Predetermined parameters	9
6.5.5 Core rules and PCR	9
6.5.6 Conditions to support comparability	10
6.6 Additional environmental information	10
<b>7 PCR review</b>	<b>11</b>
7.1 General	11
7.2 The PCR review panel	11
7.3 Procedures	12
7.4 Tasks of the review panel	12
7.5 PCR review statement	13
<b>8 PCR identification and registration</b>	<b>13</b>
8.1 PCR identification	13
8.1.1 Identification of the PCR document	13
8.2 PCR registration	15
<b>9 Updating, revision and expiration of PCR</b>	<b>15</b>
<b>Annex A (informative) Information modules</b>	<b>16</b>
<b>Annex B (informative) Tasks for the programme operator</b>	<b>18</b>
<b>Bibliography</b>	<b>20</b>

## ISO/TS 14027:2017(E)

## 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](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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](http://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/>

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- Looking for additional Standards? Visit Intertek Inform Infostore
  - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-