



**International  
Standard**

**ISO 14071**

**Environmental management —  
Life cycle assessment — Critical  
review processes and reviewer  
competencies**

*Management environnemental — Analyse du cycle de vie —  
Processus de revue critique et compétences des vérificateurs*

**First edition  
2024-10**

iTeh Standards  
(standards.iteh.ai)  
Document Preview

[ISO 14071:2024](https://standards.iteh.ai/catalog/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024)

<https://standards.iteh.ai/catalog/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024>

iTeh Standards  
(<https://standards.iteh.ai>)  
Document Preview

[ISO 14071:2024](https://standards.iteh.ai/catalog/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024)

<https://standards.iteh.ai/catalog/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

# 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>2</b>
<b>4 Critical review process and tasks</b> .....	<b>3</b>
4.1 Defining the scope of the critical review .....	3
4.2 Selecting, making agreements and replacing external reviewer(s).....	4
4.2.1 Selecting reviewer(s).....	4
4.2.2 Reviewer(s) agreement.....	4
4.2.3 Replacing reviewer(s).....	4
4.3 Critical review process.....	4
4.3.1 General.....	4
4.3.2 Type of critical review.....	5
4.3.3 Critical review at the end of the LCA study.....	5
4.3.4 Concurrent critical review .....	5
4.4 Validity of critical review statement and report.....	5
4.5 Critical review report and critical review statement preparation.....	6
4.6 Revision of an existing critical review.....	7
4.7 Critical review tasks.....	7
4.7.1 Chairperson of a critical review panel.....	7
4.7.2 Reviewer.....	8
<b>5 Reviewer(s) competencies</b> .....	<b>8</b>
<b>Annex A (informative) Template for critical review report</b> .....	<b>9</b>
<b>Annex B (informative) Example of self-declaration of reviewer independence and competencies</b> .....	<b>10</b>
<b>Bibliography</b> .....	<b>11</b>

[ISO 14071:2024](https://standards.iteh.ai/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024)

<https://standards.iteh.ai/catalog/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024>

## 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 document 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)).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of 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 [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 5, *Life cycle assessment*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS S26, *Environmental management*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This first edition cancels and replaces ISO/TS 14071:2014, which has been technically revised.

The main changes are as follows: [standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024](https://www.iso.org/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024)

- additional specifications on the review process;
- corrections of inconsistencies.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

For life cycle assessment (LCA), critical review is the conformity assessment approach in accordance with ISO 14040 and ISO 14044. These standards contain the overarching requirements for critical review in concise form.

Based on these requirements, a common critical review practice emerged that satisfied interested parties. For the mandatory case of LCA studies intended to be used in comparative assertions intended to be disclosed to the public, the performance of a critical review is established as a key feature for the acceptance of the study by interested parties. However, even in the broad range of applications of LCA, for which a critical review is not mandatory, the commissioners of the LCA study often decide to perform a voluntary critical review to improve the robustness of their studies and to increase credibility.

It is one of the key features of critical review that it does not relate to an accreditation scheme, but ensures quality by making the individual reviewer personally responsible for the work and by giving priority to the content rather than the form.

Because of the increasing use of LCA itself, as well as the broader application in tools such as carbon footprinting or upcoming labelling initiatives, this document specifies the established critical review practice in a more comprehensive way, by providing additional requirements and guidance for conducting a critical review and ensuring the relevant competencies.

iTeh Standards  
(<https://standards.iteh.ai>)  
Document Preview

[ISO 14071:2024](https://standards.iteh.ai/catalog/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024)

<https://standards.iteh.ai/catalog/standards/iso/6f614f36-90a9-41d3-a92c-3a2a5eac59c4/iso-14071-2024>

