GUIDE

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Guidelines for addressing climate change in standards

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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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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.

This document was prepared by the ISO Technical Management Board Task Force on Climate Change Coordination.

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.

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Introduction

This document is intended for developers of ISO standards and other deliverables to encourage the inclusion of provisions in standards to address climate change impacts, risks and opportunities, and aims to:

— enable standards committees to determine if the standard under consideration should take into account aspects, issues, impacts, risks and/or opportunities associated with climate change;

— provide standards developers with a systematic approach to address climate change impacts, risks and opportunities in a coherent and consistent manner, with regard to both new and revised standards, and in a manner related to the objective and scope of the standard being developed;

— promote consistency and compatibility to the extent practical among standards that directly or indirectly address climate change and their wider uptake in support of sustainability.

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Guidelines for addressing climate change in standards

1 Scope

This document provides guidance to standards developers on how to take account of climate change in the planning, drafting, revision and updating of ISO standards and other deliverables.

It outlines a framework and general principles that standards developers can use to develop their own approach to addressing climate change on a subject-specific basis.

2 Normative references

There are no normative references in this document.

3 Terms, definitions and abbreviated terms

3.1 Terms and definitions

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

ISO and IEC maintain terminology 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

3.1.1
greenhouse gas
GHG
gaseous constituent of the atmosphere, both natural and *anthropogenic* (3.1.4), that absorbs and emits radiation at specific wavelengths within the spectrum of infrared radiation emitted by the Earth's surface, the atmosphere, and clouds

[SOURCE: ISO 14064-1:2018, 3.1.1, modified — The Notes to entry have been removed.]

3.1.2
greenhouse gas emission
GHG emission
release of a *GHG* (3.1.1) into the atmosphere

[SOURCE: ISO 14064-1:2018, 3.1.5]

3.1.3
greenhouse gas removal
GHG removal
withdrawal of a *GHG* (3.1.1) from the atmosphere

[SOURCE: ISO 14064-1:2018, 3.1.6, modified — The words "by GHG sinks" have been removed from the definition.]

3.1.4
anthropogenic
resulting from or caused by human activity

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3.2 Abbreviated terms

CC	Climate Change
CCM	Climate Change Mitigation
CCS	Carbon Dioxide Capture and Storage
CCU	Carbon Dioxide Capture and Utilization
CFP	Carbon Footprint of a Product
GHG	Greenhouse Gas

4 Main content

4.1 General

Here's where you place your main content.

4.2 Data models

The following data models are used by other data models specified in this document.

4.2.1 Basic data types

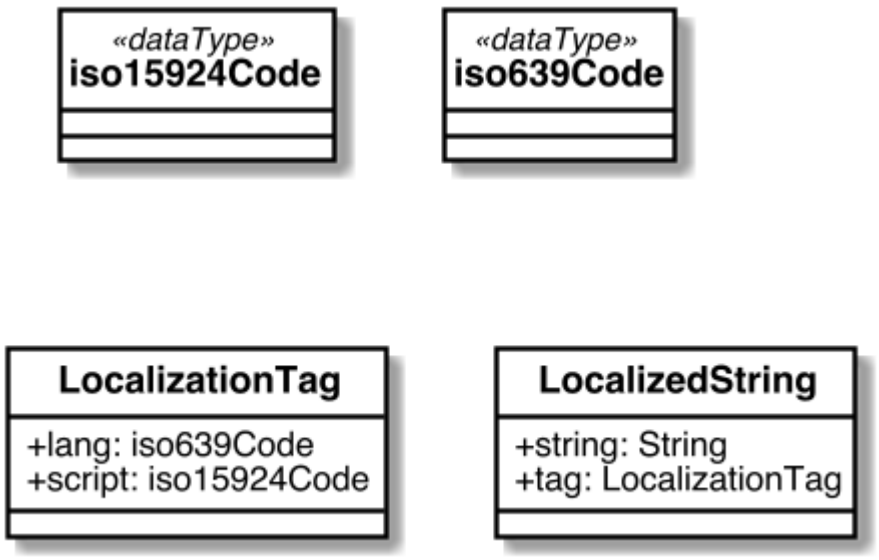

Figure 1

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Annex A
(normative)

Annex One

This is a normative annex.

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Annex B
(informative)

Annex Two

This is an informative annex.

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Bibliography

[1] ISO 14001:2015, *Environmental management systems — Requirements with guidance for use*

[2] ISO 14064-1:2018, *Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals*

[3] ISO 31000:2018, *Risk management — Guidelines*

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