



BSI Standards Publication

Asset management — Management systems — Guidelines for the application of ISO 55001

National foreword

This British Standard is the UK implementation of [ISO 55002:2018](#). It supersedes [BS ISO 55002:2014](#), which is withdrawn.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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relatives à l'application de l'ISO 55001*



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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).

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).

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.

This document was prepared by Technical Committee ISO/TC 251, *Asset management*.

This second edition cancels and replaces the first edition ([ISO 55002:2014](http://www.iso.org/iso/55002:2014)), which has been technically revised to improve the guidance on the development and application of an asset management system.

The following changes have been made:

- the [ISO 55000](http://www.iso.org/iso/55000) “fundamentals” (value, alignment, leadership and assurance) have been addressed in each clause, whenever applicable, stating the contribution of the requirements specified in [ISO 55001](http://www.iso.org/iso/55001) to achieving the fundamentals;
- the application of the requirements of [ISO 55001](http://www.iso.org/iso/55001) to the domains of asset management identified in [ISO 55000](http://www.iso.org/iso/55000) (see [ISO 55000:2014](http://www.iso.org/iso/55000:2014), Figure 1) have been clarified, i.e. to the asset portfolio, to the asset management system and to asset management, stating the adequacy of the requirements to each domain, whenever applicable;
- linkages between clauses have been provided, by stating the relevant interconnections (e.g. “see [6.2.1](http://www.iso.org/iso/55001)”);
- annexes have been added on cross cutting concepts, present in the main text of this document to provide a combined guidance for specific themes in asset management that were identified as being addressed in several clauses.

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.

Introduction

0.1 General

This document provides guidance for the application of a management system for asset management, referred to as an “asset management system”, in accordance with the requirements of [ISO 55001](#).

This document provides explanatory text intended to clarify the requirements specified in [ISO 55001](#) and provides examples to support implementation of these requirements. It does not provide guidance for managing specific asset types.

This document provides guidance for use by:

- a) those involved in the establishment, implementation, operation, maintenance and improvement of an asset management system;
- b) those involved in delivering asset management activities, including service providers.

General information on asset management, and information on the terminology applicable to this document, is provided in [ISO 55000](#).

0.2 Assets, asset management and the asset management system

An asset is something that has potential or actual value to an organization. Asset management enables an organization to realize value from assets in the achievement of its organizational objectives. An asset management system is used by the organization to direct, coordinate and control asset management activities.

NOTE An asset management system can be established by any organization, which can be a sole-trader, company, corporation, firm, enterprise, authority, partnership, charity or institution, or part or combination thereof, whether incorporated or not, public or private. The organization, for example, can be an asset owner, custodian, operator, service provider, subsidiary, alliance or joint venture.

The asset management system, asset management and the asset portfolio should be aligned to, and support delivery of, the organizational objectives and the organizational plan.

Organizational objectives are generally developed as part of the organization’s strategic level planning activities and are given in documented information within an organizational plan. The organizational objectives form a key part of the context of the asset management system and are the starting point for establishing the asset management objectives.

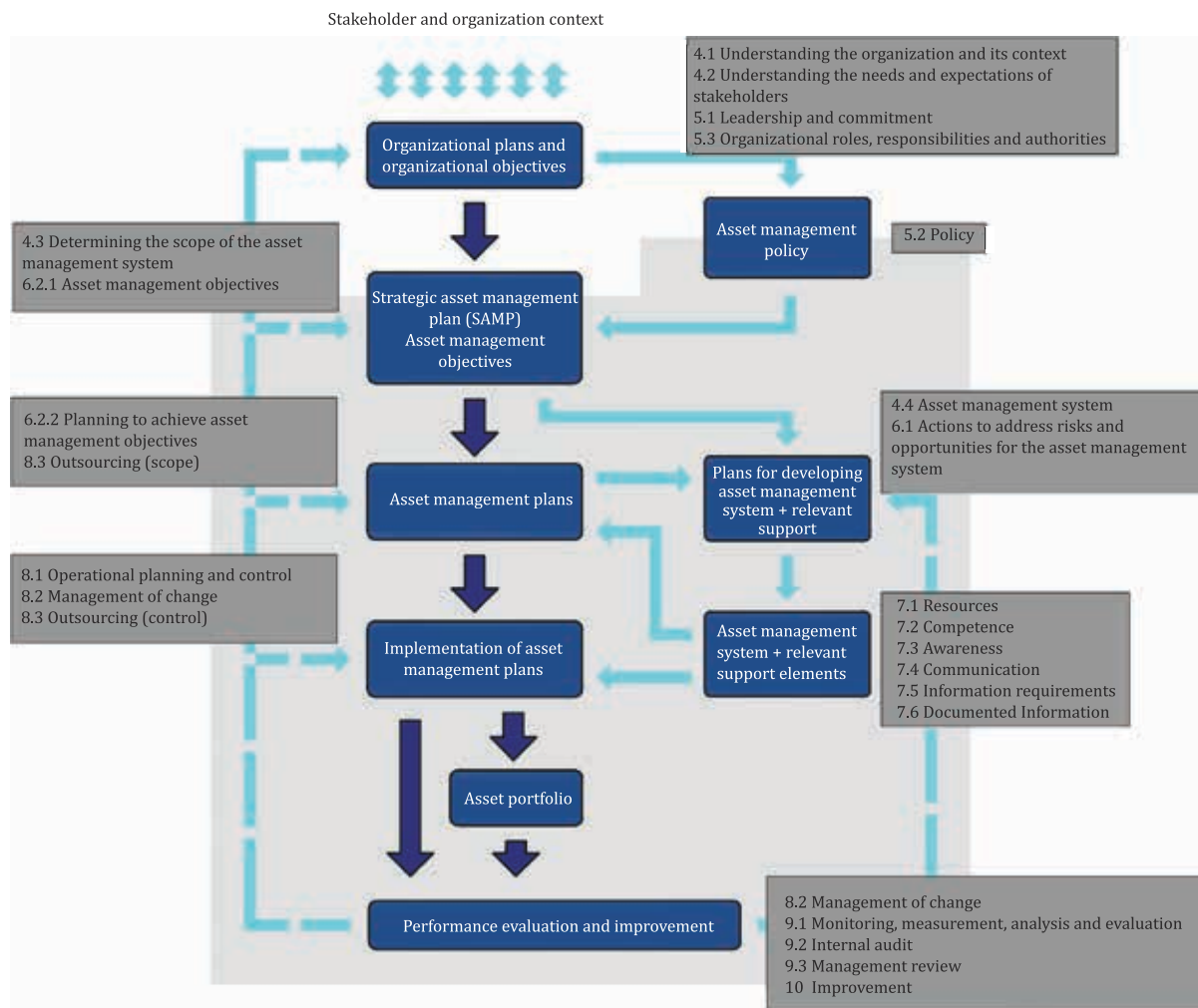
Understanding the context of the organization enables the organization to design, implement and maintain its asset management system, asset management and the assets, in alignment with the purpose of the organization, its objectives and its stakeholder needs and requirements.

The asset management system includes:

- a) the asset management policy (see [5.2](#));
- b) the asset management objectives (see [6.2](#));
- c) the strategic asset management plan (SAMP);
- d) the asset management plan(s) (see [6.2.2](#));
- e) supporting activities (see [Clause 7](#));
- f) operational planning and control (see [Clause 8](#)), including the processes and procedures employed to manage assets in the asset portfolio throughout their life cycle;
- g) performance evaluation (see [Clause 9](#));
- h) improvement activities (see [Clause 10](#));

- i) guidance on how it relates to or interfaces with other relevant policies and processes and management systems.

Figure 1 shows the relationship between the key elements of an asset management system, together with the related clauses in ISO 55001.



NOTE 1 Only the primary connections are shown to avoid over-complexity.

NOTE 2 This does not aim to repeat the distinction between asset management and an asset management system: it is a connections view showing directions of influence.

NOTE 3 The grey highlighted box designates the boundary of the asset management system.

Figure 1 — Relationship between key elements of an asset management system

0.3 Structure of this document

This document provides guidance on the implementation of the requirements for an asset management system specified in ISO 55001. By doing so, this document follows a similar structure and sequence of clauses and subclauses as in ISO 55001 (the subclauses in Clause 6 and Clause 10 are not in strict alignment). Throughout this document distinction is made, where relevant, between assets and asset portfolio, asset management and the asset management system. In ISO 55000:2014, 2.4.3, the relationship between these three concepts is clarified. An asset management system is used by the organization to direct, coordinate and control asset management activities to realize value from its assets for the organization and for its stakeholders. When applying ISO 55001, it is relevant to be aware of this relationship. An organization should, for example, distinguish between monitoring and