



**International
Standard**

ISO 42503

**Sharing economy — Framework for
implementation**

Economie du partage — Cadre pour la mise en œuvre

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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Relationships between platform operator, provider, user and other actors in the implementation framework	3
5 Sharing economy implementation framework	4
5.1 General.....	4
5.2 Role of government, market players and supporting ecosystem in the sharing economy implementation framework.....	5
5.2.1 Governments.....	5
5.2.2 Sharing economy market players.....	5
5.2.3 Sharing economy supporting ecosystem.....	6
5.3 Implementation framework components.....	6
5.3.1 General.....	6
5.3.2 Governance structure.....	6
5.3.3 Human resources.....	6
5.3.4 Risk management.....	7
5.3.5 Compliance.....	7
5.3.6 Stakeholder engagement.....	7
5.3.7 Supply chain/business partner controls.....	7
5.3.8 Whistleblower information and protection.....	7
5.3.9 Redress/grievance response.....	7
5.3.10 Communication.....	8
6 Continual improvement	8
Annex A (informative) Complaints handling process	9
Bibliography	12

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).

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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 Technical Committee ISO/TC 324, *Sharing economy*.

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

A distinctive feature of the sharing economy as a new economic model is its reliance on a triangular set of interactions among providers and users, facilitated by platform operators.

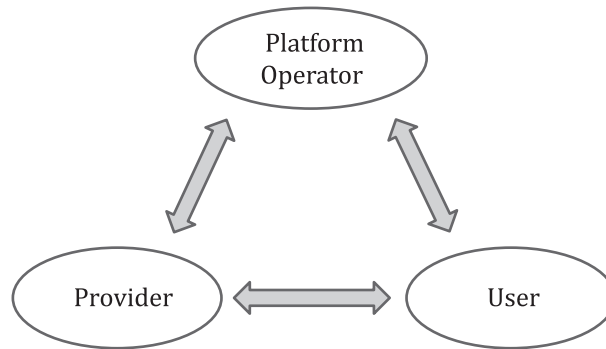


Figure 1 — Figure representing sharing economy

The sharing economy potentially provides new opportunities and innovations for the production and distribution of different types of products and assets. As such, if the sharing economy model is properly structured and implemented, it can generate wealth, provide needed products and assets and align with the economic, social and environmental objectives articulated in the United Nations (UN) Sustainable Development Goals (SDGs). At the same time, it is important to recognize that, if applications of the sharing economy are not developed and implemented properly, they can have potential adverse effects on workers, consumers, citizens, businesses, the environment and other interests.

This document specifies requirements for and gives guidance on the operationalization of this new economic model. This document is intended to assist in realizing the positive potential of the sharing economy while minimizing its adverse effects in diverse applications of the unique sharing economy triangular model.

This document addresses key economic, social, and environmental considerations and factors associated with planning, developing, governance, management, delivery, monitoring, evaluating, and continually improving sharing economy applications and approaches in a manner that is optimally aligned with the UN SDGs. This is particularly important for key actors and stakeholders within the sharing economy ecosystem (i.e. the infrastructure and services associated with the network of organizations, other actors and stakeholders involved in the sharing economy).

Via a structured implementation framework, government, platform operators, providers, users and other actors and stakeholders will also be able to better relate to and understand the connection, interaction, impact and benefit of evolving digital technologies such as artificial intelligence, blockchain, cybersecurity, metaverse, web3.0, fintech, etc. that potentially impact on their existing sharing economy applications, and thus plan for necessary interventions and actions.

This document complements ISO 42500, ISO 42501 and ISO/TS 42502.

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Sharing economy — Framework for implementation

1 Scope

This document establishes a framework for the implementation of a sharing economy. It specifies requirements for and gives guidance on the operational economic, social, environmental, legal and other considerations and factors associated with implementation of sharing economy applications and approaches in sharing economy contexts.

This document is applicable to all actors participating in the sharing economy ecosystem, including platform operators, providers, users and other stakeholders.

This document is applicable to all types and sizes of organization (e.g. commercial enterprises, government agencies, not-for-profit organizations).

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 42500, *Sharing economy — General principles*

ISO/TS 42502, *Sharing economy — Guidance for provider verification on digital platforms*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 42500 and the following 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 framework

foundational structure for the operation and management of *sharing economy* (3.3) applications

3.2 ecosystem

interacting components and services that support the network of organizations, *stakeholders* (3.8) and other *actors* (3.10) involved in the *sharing economy* (3.3)

Note 1 to entry: Organizations can include public bodies.

[SOURCE: ISO/IEC 27400:2022, 3.8, modified — “interacting components and services that support the” replaced “infrastructure and services based on a” and “and other actors involved in the sharing economy” added.]

3.3 sharing economy

economic model where platforms enable *providers* (3.5) and *users* (3.9) to exchange *products* (3.7) and assets

Note 1 to entry: In the sharing economy: