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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 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 <u>www.iso.org/members.html</u>.

Introduction

A combination of widespread internet use, technological developments, economic model innovation and demographic shifts has led to the emergence of a new economic model often called the "sharing economy", which enables otherwise unconnected individuals and/or organizations to make transactions.

The sharing economy creates opportunities to connect individuals and/or organizations with unused assets and skills with those who want to use them. It enables services and products to reach a wider range of consumers, support entrepreneurship, and create new business opportunities with a flexible working style which contributes to economic growth. The shift from owning assets to sharing them through the new model enables better resource optimization and is expected to contribute to the resolution of environmental issues.

Meanwhile, issues of security, service quality and reliability can become an obstacle for users in using sharing economy services, such as:

- products or assets in the sharing economy platform do not meet the quality expected, or are not timely delivered as promised;
- non-compliance with rules and regulations that require consumer consent from providers;
- lack of user privacy safeguards or an unclear and/or unfair treatment of personal data, and breaches to data protection and unauthorized data sharing;
- exposure to physical harm /problems related with product safety, frauds and scams;
- difficulties associated with making complaints and getting proper redress.

This document is intended to assist in ensuring safe and trustworthy transactions between providers and users through sharing economy platforms by providing general principles associated with sharing economy transactions.

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Sharing economy — General principles

1 Scope

This document provides general sharing economy principles.

It is intended to be used by all types and sizes of organization (e.g. commercial enterprises, government agencies, not-for-profit organizations).

2 Normative references

There are no normative references in this document.

3 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 <u>https://www.electropedia.org/</u>

3.1

sharing economy

economic model where *platforms* (3.2) enable *providers* (3.4) and *users* (3.5) to exchange *products* (3.6) and *assets* (3.7)

Note 1 to entry: In the sharing economy

- a) platforms are neither providers nor users of the products and assets exchanged between providers and users,
- b) exchanges between providers and users can take place both online and offline,
- c) exchanges can be and are often intended to be "peer to peer" of underutilized resources, for free or for a fee,
- d) platforms facilitate transactions between providers and users, such as payment processing, insurance procurement, reputational rating/review systems and complaints handling, and
- e) providers can provide assets or access to assets.

Note 2 to entry: There are many different types of economic models. The sharing economy is one type of economic model.

Note 3 to entry: See <u>Annex A</u> for a depiction of the sharing economy.

3.2

platform

mechanisms that enable exchanges of products (3.6) and assets (3.7)

Note 1 to entry: A sharing economy platform can take a digital form.

Note 2 to entry: Platforms can be used for both sharing economy and conventional business to consumer e-commerce transactions (see ISO 10008).

Note 3 to entry: Platforms facilitate transactions between providers and users, such as payment processing, insurance procurement, reputational rating/review systems and complaints handling.