



FINAL DRAFT

Technical Report

ISO/DTR 42507

Sharing economy — Use cases of sharing economy platforms in the public sector

Économie du partage — Cas d'utilisation de plateformes de l'économie du partage dans le secteur public

ISO/TC 324

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
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Foreword

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This document was prepared by Technical Committee ISO/TC 324, *Sharing economy*.

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Introduction

Social challenges such as energy shortages, falling birth-rates, ageing populations, poverty issues, food shortages and catastrophic disasters are having a serious impact on people's lives. The public sector has traditionally played a major role in addressing these challenges. Specifically, it is required to address these challenges by promoting the establishment of sustainable social systems through public services and by effectively allocating resources among stakeholders. However, it is becoming increasingly difficult for the public sector to address these challenges alone, given the complexity and diversity of the issues to be addressed.

Therefore, methods to utilize unused resources within the framework of the sharing economy to solve these issues are attracting attention. In cities, for example, the sharing economy is used to make more efficient use of underutilized goods (e.g. food) and energy, or to provide individual social support to diverse populations. In rural areas, on the other hand, sharing economy initiatives are aimed at facilitating mutual aid and inducing external resources in the face of a lack of public budgets and private resources. Furthermore, in the COVID-19 pandemic, the sharing economy was highly effective as a safety net at the private level.

The sharing economy is showing its effectiveness in the public sector domain and interest is growing. However, knowledge on how municipalities and public administrations can best utilize the sharing economy is not well organized.

This document provides examples of the use of the sharing economy for public purposes. By linking each case study to a model for the use of the sharing economy by local governments and administrations, the document shows, in an easy-to-understand way, how it can be used to achieve the desired effects.

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