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Sustainable cities and communities — Indicators for smart cities

Villes et communautés territoriales durables — Indicateurs pour les villes intelligentes

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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.

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The committee responsible for this document is ISO/TC 268, *Sustainable cities and communities*.

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Introduction

The indicators detailed in ISO 37120 have quickly become the international reference point for sustainable cities. ISO/TC 268/WG2 experts have identified the need for additional indicators for smart cities.

This document complements ISO 37120 and establishes indicators with definitions and methodologies to measure and consider aspects and practices that dramatically increase the pace at which cities improve their social, economic and environmental sustainability outcomes.

This document, when used in conjunction with ISO 37120, helps cities to identify indicators for applying city management systems such as ISO 37101 and to implement smart city policies, programmes and projects to:

— respond to challenges such as climate change, rapid population growth, and political and economic instability by fundamentally improving how they engage society;

— apply collaborative leadership methods, work across disciplines and city systems;

— use data information and modern technologies to deliver better services and quality of life to those in the city (residents, businesses, visitors);

— provide a better life environment where smart policies, practices and technology are put to the service of citizens;

— achieve their sustainability and environmental goals in a more innovative way;

— identify the need for and benefits of smart infrastructure;

— facilitate innovation and growth;

— build a dynamic and innovative economy ready for the challenges of tomorrow.

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