

SYSTEMS REFERENCE DELIVERABLE



Smart city standards inventory and mapping – Part 1: Methodology

INTERNATIONAL
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SMART CITY STANDARDS INVENTORY AND MAPPING –**Part 1: Methodology****FOREWORD**

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A list of all parts in the IEC SRD 63233 series, published under the general title *Smart city standards inventory and mapping*, can be found on the IEC website.

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INTRODUCTION

International, and regional standards development organizations (SDOs), as well as consortia and national standardization institutions, have been vigorously promoting the development of smart city standards. But different organizations focus on standards at different levels of smart cities and the effective coordination in the standards development process needs to be strengthened. At present, there is no overall architectural understanding of standards of smart cities.

The smart city standards inventory and mapping project was initiated to provide a systematic approach to retrieve and map the standards of smart cities on smart city reference architectures, models or frameworks and provide fundamental support for the collaborative work of standard-setters and users. Standards maps are the practical base for helping SDOs and users to identify directly and instantly the standards that are needed for any aspects of smart cities (citizen services, city infrastructure, governance, etc.). Standards maps also help in identifying the standardization gap in the ecosystem.

SMART CITY STANDARDS INVENTORY AND MAPPING –

Part 1: Methodology

1 Scope

This part of IEC SRD 63233, which is a Systems Reference Deliverable, describes a systematic approach to carry out smart city standards analysis based on the IEC systems approach. It gives methods for developing smart city standards inventory and mapping.

2 Normative references

There are no normative references in this document.