

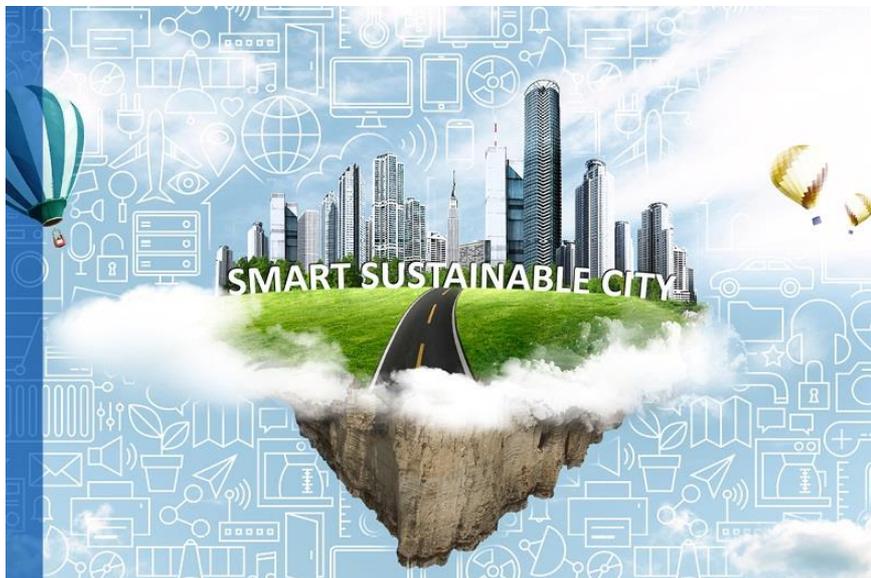


Smart Sustainable Cities

Smart Sustainable City Definition

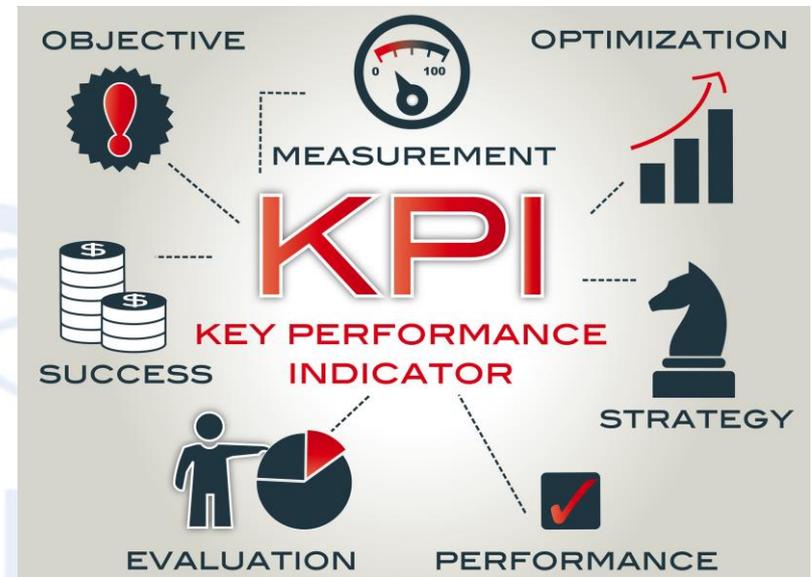
“A smart sustainable city is an innovative city that uses information and communication technologies (ICTs) and other means to improve quality of life, efficiency of urban operation and services, and competitiveness, while ensuring that it meets the needs of present and future generations with respect to economic, social, environmental as well as cultural aspects”.





This compendium provides a comprehensive overview on Smart Sustainable Cities and includes the 21 Technical Reports and Specifications developed by the Focus Group on Smart Sustainable Cities (FG-SSC).

http://wftp3.itu.int/pub/epub_shared/TSB/ITUT-Tech-Report-Specs/2016/en/flipviewerexpress.html



ITU and UNECE are developing a set of international key performance indicators (KPIs) for SSC to establish the criteria to evaluate ICT's contributions in making cities smarter and more sustainable, and to provide the cities with the means for self-assessments.

21 Technical Reports and Specifications

- 1) [TR on "An overview of smart sustainable cities and the role of information and communication technologies"](#)
- 2) [TR on "Smart sustainable cities: an analysis of definitions"](#)
- 3) [TR on "Smart sustainable cities: a guide for city leaders"](#)
- 4) [TR on "Master plan for smart sustainable cities"](#)
- 5) [TR on "Setting the stage for stakeholders' engagement in smart sustainable cities"](#)
- 6) [TR on "Overview of smart sustainable cities infrastructure"](#)
- 7) [TS on "Setting the framework for an ICT architecture of a smart sustainable city"](#)
- 8) [TS on "Multi-service infrastructure for smart sustainable cities in new-development areas"](#)
- 9) [TR on "Cybersecurity, data protection and cyber resilience in smart sustainable cities"](#)
- 10) [TR on "Intelligent sustainable buildings for smart sustainable cities"](#)
- 11) [TR on "Smart water management in cities"](#)
- 12) [TR on "Information and communication technologies for climate change adaptation in cities"](#)
- 13) [TR on "Electromagnetic field \(EMF\) considerations in smart sustainable cities"](#)
- 14) [TR on "Integrated management for smart sustainable cities"](#)
- 15) [TR on "Anonymization infrastructure and open data in smart sustainable cities"](#)
- 16) [TS on "Overview of key performance indicators in smart sustainable cities"](#)
- 17) [TS on "Key performance indicators related to the use of information and communication technology in smart sustainable cities"](#)
- 18) [TS on "Key performance indicators related to the sustainability impacts of information and communication technology in smart sustainable cities"](#)
- 19) [TR on "Key performance indicators definitions for smart sustainable cities"](#)
- 20) [TR on "Standardization roadmap for smart sustainable cities"](#)
- 21) [TR on "Standardization activities for smart sustainable cities"](#)

ITU-T Study Group 20 “Internet of Things and its applications including smart cities and communities”



Recommendation ITU-T Y.4702 — “Common requirements and capabilities of device management in the Internet of Things” —

Recommendation ITU-T Y.4553 — “Requirements of the smartphone as sink node for IoT applications and services” —

