INTEGRATIVE FRAMEWORK FOR SMART CITY MANAGEMENT: DIRECTION AND AGENDA

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Abstract

PM Modi had announced his vision to set up 100 smart cities across the country soon after his government was sworn into power mid last year. Since then a race has been on among cities to land on the list that the ministry of urban development is compiling. The 100 smart cities mission intends to promote adoption of smart solutions for efficient use of available assets, resources and infrastructure PM Modi had announced his vision to set up 100 smart cities across the country soon after his government was sworn into power mid last year. Since then a race has been on among cities to land on the list that the ministry of urban development is compiling. The 100 smart cities mission intends to promote adoption of smart solutions for efficient use of available assets, resources and infrastructure making a city "smart" is emerging as a strategy to mitigate the problems generated by the urban population growth and rapid urbanization. Yet little academic research has sparingly discussed the phenomenon. To close the gap in the literature about smart cities and in response to the increasing use of the concept, this paper proposes a framework to understand the concept of smart cities. Based on the exploration of a wide and extensive array of literature from various disciplinary areas eight critical factors of smart city initiatives: management and organization, technology, governance, policy context, people and communities, economy, built infrastructure, and natural environment were identified. These factors form the basis of an integrative framework that can be used to examine how local governments are envisioning smart city initiatives. The framework suggests directions and agendas for smart city research and outlines practical implications for government professionals.

Keywords: Smart City, Integrated Framework, Smart City Management, Social & Economic Infrastructure.

Introduction

Cities play an important role in the growth for the economy of every nation, India is no exception. Close to 31% of India's current population lives in urban areas and contributes 63% of India's GDP (Census 2011). With increasing urbanization, 40% of India's population set to house in urban areas and thereby contribute 75% of India's GDP by 2030. This leads to a challenge of comprehensive development of physical, institutional, social and economic infrastructure. Since all these are important in improving the quality of life of the citizens living in the cities. Thus Smart Cities Mission focuses on development of smart cities pan-India to enable economic growth and improving the quality of life of people by enabling local development and using smart technologies to make its citizens life better. The Smart Cities Mission of the government is aimed to set examples that can be replicated both within and outside the Smart City, speeding up the creation of similar Smart Cities in various regions and parts of the country. The Smart Cities Mission is an innovative and new initiative by the Government of India to drive economic growth and improve the quality of life of people by enabling local development and harnessing technology as a means to create smart outcomes for citizens.

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