Planning for a Smart Sustainable Cities: A Case Study

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Abstract : Due to faster urbanization; developing nations will have to look forward towards establishing new planned cities those are environmentally friendly. Due to growth in Information and Communication Technology (ICT), it is evident that the rise of smart cities is witnessed as a promising trend for future growth; however, technology alone cannot make a city as a smart city. Cities must use smart systems to enhance the quality of life of its citizens and to achieve sustainable growth. Recent trends in technology may offer some indication towards harnessing our cities potential as the new engines of sustainable growth. To overcome the problems of mega-urbanization, new concept of smart cities has been introduced. The current research aims to reduce the knowledge gap in urban planning by exploring the concept of smart cities considering sustainability as a major focus. The aim of this paper is to plan for an entire smart city. The paper analyses sustainable development and identifies the key factors for the creation of future smart cities. The study also emphasizes the use of advanced planning and scheduling software such as Microsoft Project (MSP).

Keywords : urbanization, planned cities, information and communication technology, sustainable growth

Conference Title : ICCGE 2016 : International Conference on Civil and Geological Engineering

Conference Location : Vienna, Austria

Conference Dates : June 16-17, 2016

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