

Smart Cities Concept and Coverage

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SUMMARY

Smart cities concept is a new fashionable approach in few years. It includes people, information and communication technologies, economy, natural environment, infrastructure, lifestyle and public administration etc. Smart cities can be accepted a new form of sustainable development in urban areas. It represents a new city model which aiming to improve quality and performance of urban service for better interaction between citizens and government.

Smart cities not only a new management approach for cities but also aim to alleviate many critical problems accompanying the current overwhelming urbanization process, for example, security, transportation, electrical, water and gas distribution, environment pollution, and natural resource limits. The basic principle of smart cities is to use advanced technologies in the management of cities. Smart phones, mobile devices, telecommunication networks, digital cameras, public data bases, sensors in urban area, smart cards, social media, vehicles are main technological parts of the smart cities. Smart city applications also provide a great interoperability of the public and private sector.

Human population is getting increase and needs of them are also increase, however source of the world is limited. Smart city applications save more time, energy and labor, in addition it enables to be used limited resources of the world efficiently.

There are some smart city applications around the world and one of the main goal of these projects is to improve the life quality of citizens. In this study concept, coverage and benefit of the smart cities was investigated and was tried to make some determinations for sustainable development and environment.