The Evaluating Indices and Promoting Strategies of Intelligent City in Taiwan-A Case Study of Tai-Chung City

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Abstract

In the era of knowledge economy, globalization and international competition, information communication technologies has led the overall development in the environment, society and economy. Industries rapidly adopt information technologies. With the fast development in industries of global communication, consumer electronics and internet, smart buildings, network communities, digital cities and internet cities appeared with the integration of broadband wireless communications and multimedia technologies with high quality. With the push from high-tech industries, how to increase the resource to efficiently apply information technologies and to build the structure for a smart city by building smart traffic, medical and energy systems, managing the rivers and building smart communities, and how to build a smart city are substantially crucial tasks in this era.

Built on highly advanced information network and smart technologies, a smart city is a modern city which sets knowledge, information and outstanding people as its core resource, has smart city management, smart operation and the highly coordinated economy, social development and ecosystem. A smart city is more than a political concept. Built on the guarantee of technologies, it's a theory system extensively applicable to all social, political, economic and cultural backgrounds.

This study explored the system of evaluating indexes for smart city promoting strategies and tried to apply information technology in increasing the benefit of regional development and competitiveness in the environment with limited resource.

Keyword：Intelligent city，Promoting Strategy, Evaluating Index