探討埔里智慧小鎮推動策略之研究

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摘要

Ever since the beginning of the information era in 1990, New York, Amsterdam, San
Francisco and Basailongna and major cities in Sweden, Japan, Korea and Singapore have
started to plan their blueprints for city development for the coming century. International
organizations promoting smart city such as ICF (Intelligent Community Forum), Living
Labs Global, Cisco, IBM, and Microsoft have proposed their plans related to smart city.
The development model based on the content of regional innovation and the structure of
smart city is gradually adopted by many countries as the major theme of future city
development. In 2010, the establishment of the five municipalities in Taiwan brought
critical challenges to the development in most regions. Urbanization has worsened
situations such as the unequal distribution of resources and rapid marginalization. The lack
of infrastructure and information has led to the widening digital divide and an increasing
gap between city and country. How to promote regional development benefit and
competitiveness with relatively limited resources is a key to future development. Taiwan
has started to participate in this important city development trend. The best example is plan

i236 proposed in 2009. The plan focuses on smart town, applying intelligent living
technology to build living labs at Puli Smart Town, Nantou. With the help of
communication technology to conquer the limitation of insufficient resources, regional
development has been successfully activated.
Therefore, the study aims to summarize theories and promotion plans on smart
city through exploration of the new concept, smart city, discussed in related domestic and
international references. We first screened through references on evaluating indexes and
then built indexes of smart city promotion strategies for central Taiwan with fuzzy Delphi
expert survey. We further studied the case of Puli Smart Town in plan i236 to analyze the
appropriateness of its choice of base, current communication infrastructure and
development status while setting solution plans for problems and proposing
recommendations for the promotion strategy for Puli Smart Town. This study would be the
foundation of future research and promotion of smart city in the future.