

智慧城市發展指標之研究-以臺中市為例

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摘要

The trend of globalization, Taiwan's administrative divisions in the land and under the impetus of the reform framework, Taoyuan, Taichung, Tainan and Kaohsiung counties and other areas have been upgraded to completion of the merger, expected to promote regional integration and to construct a more internationally competitive city pattern. The difference between the urban population and environmental conditions are different. If the data communication system formed by the intelligent of the strategic plan will help to promote regional integration and balanced development, shorten the gap between rural and urban and regional development.

In this study the theory and literature intelligent city, inductive analysis approach at home and abroad to promote the intelligent of the city cases, and compile current data communication system in Taichung City has built the program, the establishment of urban development system Taichung intelligent, a total of seven dimensions by Fuzzy Delphi Method and AHP (Analytic Hierarchy Process) calculated that the first level weight with intelligent energy (weighting score 0.237) the most important, followed by the Intelligent city services (weighting score 0.232) and intelligent transportation (weighting score 0.148);

second level, the highest weight to build a broadband connection rate (weighting score 0.067), followed by public safety (weighting score 0.065), carbon reduction (weighting score 0.053), digital infrastructure, electronic services (weighting score 0.051) and so on.

Then through residents satisfaction survey, comparative analysis of each, and then develop a priority for Great Taichung City to promote the intelligent development strategy.

關鍵字：Intelligent city, Information and communication systems, Development