



## System for supporting detailed implementation plan on measures for adaptation to climate change of local governments

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It is mandatory to establish a detailed implementation plan on measures for adaptation to climate change of local governments, based on the Article 48 of the Framework Act on Low Carbon, Green Growth and Article 38 of the Enforcement Decree of the same Act of South Korea. However, it is difficult for local governments to establish such detailed implementation plan due to high budget spending, lack of experts in climate change field and the shift in cyclical positions of government officials. The Korea Adaptation Center for Climate Change(KACCC) has developed a system for supporting local governments to overcome the difficulties. The system provides integrated data regarding climate change adaptation, such as general information, current status and prospect of climate change, climate change impact analysis, vulnerability and risk assessment to climate change using VESTAP (Vulnerability Assessment Tool to Build Climate Change Adaptation Plan) for each region. Based on the integrated information regarding adaptation to climate change, local governments conduct a survey targeting general public, civil servants, experts, etc. using the questionnaire on adaptive awareness provided by the system. Each local government can analyze the information and inventory of adaptation measures and diagnose the policies to establish detailed implementation plans for each sector. By establishing the system, it is expected to support government officials's task through standardization and automation of detailed implementation plans and reduce budget and time required for data collection and analysis. It is possible to improve the quality and maintain the consistency of plans by local governments. The system also supports decision making by rapid and reasonable adaptation measures leading to establishing highly effective and managed implementation plans for local governments.

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