
SUMMARY



A Study on Strategies for Promoting Linkage between 10 Innovation Cities and HEIs in the Region

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This study is based on the promoting linkage between 10 Innovation Cities and HEIs(Higher Education Institutions) in the region, which is one of the national policy agenda to develop self-sustained growth of regional initiative to successfully drive a Season 2 of Innovation Cities policy. Season 1 policy was focus on the relocation of public institutions to non-capital regions with the purpose of decreasing concentration in the capital region and independent regional development. Beginning in 2018, Season 2 of Innovation Cities aims to foster new growth centers for balanced national development, and expand the targets not only public institutions for Innovation Cities but also residents, HEIs and companies in the region. Under the circumstances, this study suggests the policy agenda for promoting linkage between 10 Innovation Cities and HEIs in the region based on the theoretical review, policy research, collaborated projects review and typification, and case study. Major research findings of this study are summarized as follows.

First, theoretical background on the necessity of linkage between 10 Innovation Cities and HEIs in the region was reviewed. HEIs act an education, research, and service function as a proper role, and contribute on regional development by causing regional growth and social structural change. In particular, HEIs are increasing a role for 'localization' to connect with the surrounding cities and regions in response to change of internal and external condition. Traditionally, HEIs have acted as 'knowledge factory' to produce knowledge for regional development or 'entrepreneurial university' to actively commercialize knowledge. Partnerships between the regions and HEIs have been emphasize to solve regional problems in these days. In this point of view, HEIs in the region are increasingly required to collaborate with local governments and communities.

Second, current policies to promote linkage between 10 Innovation cities and HEIs in the region was review. Innovation Cities and HEIs in the region linkage policy can be categorized as strengthening capacity, supporting mutual growth of HEIs and local industries, employment of regional human resources., and policies related to HEIs as well as local problem solving in the comprehensive development plan for Innovation Cities. The government has announced a financial vision and goals of higher education this year. Moreover, the government published the capacity building policy of HEIs in the region that expands the functions of HEIs, that contributes to strengthening national competitiveness in cooperation with local community and industries. In order to support the mutual growth of HEIs and local industries, the government is promoting the Leaders in Industry-university Cooperation (LINC+) and the 4th Industrial Revolution innovation universities. The comprehensive development plan for Innovation Cities is presented a HEIs in the region related policies such as open labs, and industry-university convergence district and industrial zone campus from an

industry-university cooperation view. In terms of regional human resource management, open campus, Industry Professional Practice (IPP), and mandatory hiring of local talents by relocated public institutions is in progress. In respect of address local issues, smart city challenge project is under way.

Third, selected 127 project plan involving HEIs in the region out of 10 Innovation Cities development plan and analyzed the subject, purpose, object, and utilization of policies of linkage within the Innovation City with HEIs in the region. HEIs in the region are primarily involved in projects linked with relocated public institutions in Innovation Cities. The main purpose of linkage between 10 Innovation Cities and HEIs in the region is to foster regional human resource for relocated public institutions and companies in the Innovation Cities. HEIs students are the most important participants in the case of HEIs participation in projects promoted in connection with relocated public institutions and companies. In addition, the open campus project is most often used as a system and policy for fostering talent for relocated public institutions and companies in Innovation Cities.

Fourth, in order to drive policy tasks for promoting linkage between Innovation Cities and HEIs in the region, Gangwon and Gyeongnam Innovation Cities are analyzed. Based on the research, constraints and limitations still exist in the linkage between Innovation Cities and HEIs in the region. There are limitation such as low level of linkage at the initial stage of project, low satisfaction with curriculum and regional human resource development of HEIs in the region, and lack of communication channel to activate linkage.

To overcome these limitation, it is necessary to establish a roadmap, linkage between corporations and HEIs, governance between related institutions, and increase role of HEIs in the region in fostering regional human resource to expand linkage projects between Innovation Cities and HEIs in the region.