

Study on Science and Technology Resources Coordinated Development and Innovation of Beijing-Tianjin-Hebei Region

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Abstract : Coordinated development of Beijing-Tianjin-Hebei region is of great importance and has been emphasized by the government in recent years. Beijing-Tianjin-Hebei region accumulates a large part of S&T resources of the whole country and boasts the most influential achievements. In order to improve innovation capability of the region, universities, research institutions and enterprises from Beijing, Tianjin and Hebei have cooperated in many forms, but technological innovation is not so satisfactory due to unbalanced allocation, poor sharing and low utilization efficiency of S&T resources. Therefore, it's very necessary to promote resources sharing, optimize their overall layout, and enhance their innovation performance, which can further deepen coordination development of the region. This study focuses on S&T resources with the methods of documents research plus field investigation and qualitative research combing plus quantitative research. It starts from the macro background of promoting coordinated development of Beijing-Tianjin-Hebei region and arrives at improving regional innovation capability. Firstly, the author makes a literature review on coordinated development of Beijing-Tianjin-Hebei region and summarizes that coordinated development has been carried forward in the major fields which lay foundation for regional innovation; secondly, analyzes current S&T resources distribution and coordinated innovation by taking key industries as the examples; based on analysis of the status quo of resources sharing and innovation in the region, the author points out problems and obstacles that holdbacks coordinated innovation of the region and at last raises some suggestions to resources sharing and regional innovation. It reaches the conclusion that an efficient management mechanism, market laws, favorable environment, model innovation and incentive measures can help to accelerate resources sharing and regional innovation in the region.

Keywords : Beijing-Tianjin-Hebei region, coordinated development, innovation, S&T resources

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