

Analysis of the Current Situation of High-tech Enterprises in Hebei Province and Research on the Innovation-driven Development Strategies

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Abstract: Through the investigation and research of high-tech enterprises in Hebei Province, this paper analyzes the current situation of high-tech enterprises in Hebei province from the aspects of enterprise number, industry distribution, R&D investment, innovation ability, tax contribution, etc., and puts forward the strategy of innovation-driven development of high-tech enterprises in Hebei Province. Innovation-driven development is an important strategy for China's economic transformation and upgrading. As a new force to promote the economic and social development of Hebei Province, high-tech enterprises are an important force to realize the strategy of "Rejuvenating Hebei Province with Science and Technology".

Keywords: Hebei Province; New and high-tech; Enterprise status analysis; Innovation-driven strategy

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1. Background Investigation

In recent years, the development of high-tech enterprises in Hebei Province has made remarkable achievements. According to statistics, the number of high-tech enterprises in Hebei Province has increased from more than 1,600 in 2016 to nearly 3,000 in 2020, which maintains a year-on-year growth rate of over 15%. Behind this growth, it is inseparable from the government's policy support for high-tech enterprises, the promotion of technological innovation of enterprises themselves and the changes in market demand. However, the high-tech enterprises in Hebei Province still face some problems such as lack of innovation ability, unreasonable industrial structure and shortage of talents. Therefore, it is of great significance to analyze the current situation of high-tech enterprises in Hebei Province and put forward the innovation-driven strategy to promote the high-quality development of high-tech industry in Hebei Province.

In the past five years, the number of high-tech enterprises has shown a rapid growth trend in Hebei Province. However, while the quantity increases, the quality of high-tech enterprises still needs to be improved. Many high-tech enterprises are still in the start-up stage with weak technology research and development abilities, insufficient product market competitiveness, and are urgent to improve. High-tech enterprises in Hebei Province are mainly concentrated in traditional industries, such as iron and steel, petrochemicals, building materials, etc., while the number of enterprises is relatively small in emerging industries such as electronic information, biomedical, new energy and other fields. This kind of industrial structure leads to the lack of competitiveness of high-tech enterprises in Hebei Province in the international market competition, which limits the overall development of high-tech industry. High-tech enterprises in Hebei Province face serious shortage of talents. On the one hand, the ability of universities and research institutes is limited to cultivate talents, which is difficult to meet the demand of high-tech enterprises. On the other hand, Hebei Province is not attractive enough for high-level talents, leading to the flow of high-level talents to high-tech enterprises in other provinces.