Analysis of the Impact of Venture Capital on the Overall Level of Technological Innovation in High-tech Enterprises

Rui Jiang
Harbin Institute of Finance, Harbin, 150030, China
Email: 937740065@qq.com

Keywords: Venture Capital; High Technology; Technological Innovation

Abstract: An important driving force for the development of enterprises during technological innovation. With the continuous development of high-tech and high-tech industries, it can create considerable economic benefits for the region and the country. To this end, local governments at all levels need to attach great importance to the innovation and development of high-tech enterprises in the region, and support economic policies in terms of key technological innovations. Venture capital has become widespread in China's investment industry this year. Venture capital has played a positive role in promoting high-tech development in enterprises. In view of this, this article focuses on the three dimensions of the overview of venture capital and innovation of high-tech enterprises, the analysis of the impact of venture capital on high-tech enterprises, and the research on the countermeasures of venture capital of technology centers in high-tech enterprises.

Science and technology are the primary driving force for the country's economic development, and innovation is the undefeated factor for enterprises to achieve long-term development. Technological innovation is the only constant source of the slow road to economic growth. Countries all over the world attach great importance to technological innovation and place technological innovation at a new level of national strategy. Especially in many fields such as national defense, biomedicine, electronic information, military, aerospace science and technology, technological innovation is a long and complicated process, which has become an important support for competition and competition between countries. The scientific and technological achievements have undergone a long process from the generation of ideas to the practice of innovation. In many developed countries, huge investments are made in high-tech every year. Technological innovation is a typical high-risk and high-benefit industry. Once the capital investment is successful, it will be accompanied by high returns. On the contrary, it takes a long time to consume, and funding shortage becomes a bottleneck for the development of technological innovation.

1. Overview of Venture Capital and Innovation of High-Tech Enterprises

1.1 Overview of Venture Capital

Venture capital is usually linked to high risk, indicating that investors are willing to take on innovation risks and intend to participate in entrepreneurial behaviors or innovation activities. The GEM is called "New Venture" in many companies. In many technological innovation companies, their business direction is the economic pursuit of obtaining high returns in high-risk entrepreneurial activities. It is hereby emphasized that the entrepreneurial enterprises have high growth, do not have Investors' investment behavior is not holding, but through the management and operation of funds, enabling enterprises to increase capital and increase capital through technological innovation. An investment behavior that expects enterprises to develop in key technology and high-tech fields after harvesting and reap long-term benefits [1].listing qualifications, and innovative content is still being conceived.

1.2 The Definition of High-Tech Enterprises

Compared with traditional enterprises, high-tech enterprises have higher growth. Technology is a powerful driving force in the development of high-tech industries. It is a business activity based on...
continuous research and transformation of technological achievements. In China, high-tech enterprises belong to knowledge-intensive and technology-intensive industries. High-tech enterprises have formed their core intellectual property rights in the process of continuous development, and have been issued by the State in the "high-tech fields supported by the state". Innovation is the driving force for the sustainable development of high-tech enterprises. By following the development path of industrial structure adjustment, independent innovation, and continuous technological innovation, the company's scientific and technological creative power is enhanced. In recent years, with the support of national policies, high-tech industries have settled in cities with concentrated graduation resources, relying on the local government's investment promotion policy and financial support to promote the high-tech industry into industrialized operations [2].

2. Analysis of the Impact of Venture Capital on High-Tech Enterprises

For traditional financial investment, venture capital is an update of concepts. In the past, financial investment was mainly focused on cash flow, while venture capital paid more attention to the business capabilities of investment managers, related technologies, and the prospect of company development. Grasping the development trend of the macro environment and realizing strategic transformation are of great significance to the long-term development of high-tech enterprises in obtaining venture capital investment. With the rapid development of the market economy in the future, venture capital will face greater challenges and development opportunities.

2.1 Positive Impact of Venture Capital on High-Tech Enterprises

High-tech enterprises are divided into several stages in the innovation process, and the implementation of each stage requires financial support. To this end, venture capital provides strong support and capital filling in the development of various new technologies. While continuously improving the innovation capabilities of high-tech enterprises, it is possible to provide technological innovation from a bold idea to an applied reality [3].

First of all, venture capital provides financial support for high-tech enterprises. The need for funds in the process of technological innovation has gradually increased. The shortage of funds will put high-tech research into trouble. Venture capital as an effective financing channel in the short term is a technology Support for innovation launch. Venture capital has played a significant role in supporting and promoting the development of China's high-tech industries. From the central government to local governments to the whole society, the development of the venture capital industry has been highly valued. Local governments have begun to actively explore the path of
various types of capital into venture capital investment. Faced with the urgent need for capital of high-tech enterprises, and the central government and regional functional departments attach great importance to it, venture capital investment shows a good development trend [4].

Second, venture capital accelerates the innovation marketing of high-tech enterprises. The purpose of venture investment is mainly to develop new technologies and products. High-tech enterprises at this stage often have market prospects, technologies, and product feasibility. Due to the lack of collection of information sources in operation and management, problems in the recognition of innovative markets have occurred. The successful introduction of innovative products into the experimental system into the market system is crucial for the development of high-tech enterprises. To this end, venture capital investment pays close attention to market trends, captures market insights in a timely manner, and provides enterprises with consumer market feedback information. Venture capital investment also invests funds in phases, with minimum investment and maximum output calculations as the risk market develops. The behavior gradually adjusts the investment rhythm. It usually adopts the cycle of "input-value-added-exit-reinvestment". Once problems are found in the investment process, the capital investment is immediately terminated to minimize the investment risk [5].

2.2 The Negative Impact of Venture Capital on High-Tech Enterprises

Investors have rich management experience in the control of funds in the process of high-tech investment, but they are not sure that they have a wealth of relevant knowledge of high-tech knowledge. Investors pay attention to the fluctuations of market funds. When market risks are formed, immediately stop investing in venture capital, forming a situation of capital withdrawal and stagnation of innovation projects. The suspension and withdrawal of venture capital investment is undoubtedly unfavorable for the research and development results of high-tech enterprises. The research and development process is a continuous innovation activity. The withdrawal of funds and the strict control of fund managers are the continuous innovation activities of high-tech enterprises. There is one main reason that affects progress.

Through the above analysis, although venture capital has a certain negative impact on the innovation of high-tech enterprises, it must be acknowledged that venture capital has a positive role in promoting the development of high-tech enterprises. Under the background that the central and local governments attach great importance to the development of innovative technologies, investment, as a new type of financing mechanism, supports the transformation of innovation results and the development of innovative activities of high-tech enterprises with its practical actions, and contributes positively to the development of national science and technology and the promotion of local economies [6].

3. Research on the Countermeasures of Venture Capital of Technology Centers in High-Tech Enterprises

3.1 Suggestions for Investors

A healthy and stable investment environment is an effective way to attract venture capital, provide investors with a full range of services to help them grow, establish a sound technology innovation investment mechanism, and broaden the channel for attracting venture capital through government guidance to provide high-tech innovation for venture investors. Strategic planning for technological development, and giving guidance to investors to better understand the prospects of investment projects and scientific research results, and to provide financial and legal advice to protect investors' rights and interests. Actively assist investors in establishing an online market, help find partners to negotiate and sign contracts, and provide them with comprehensive market information to assist decision-making. Provide relevant information when investors need financial support.

Reasonably control investment risks, use various channels to conduct comprehensive investigations, find problems and solve problems. Do a good job of post-investment management of
the project to help maximize the value. In post-investment management, pay attention to supervision and provide corresponding service support. Enhance the ability of high-tech enterprises to raise funds, accumulate industrial resources, and establish a wide range of financing channels. Do a good job of portfolio investment capabilities, reduce investment risks, actively introduce management talents in accordance with the principles and concepts of portfolios, and improve industrial investment capabilities [7].

3.2 Countermeasures for Funded Parties

After absorbing social entrepreneurial funds, the high-tech industry needs to fully seize the capital and continuously increase its scale and seize good development opportunities, relying on the advantages of its own research and development institutions to continuously expand the technological R & D content of new technologies, and increase the value of investment projects through operational management. Continuously improve the investment operation and investment management mechanism. Attach importance to the coordination of diversified development strategies and expand the investment field to new energy, environmental protection and new material production. Optimize the integration of the industry chain, adopt a segmented investment model to discover projects, create strategic goals of driving brand impact with science and technology, make portfolio investments in key resources and core technologies, and optimize the allocation of resources.

During the growth period, high-tech enterprises will fully upgrade their business, create value through venture capital financing, emphasize investment balance and risk control, and achieve sustainable development. Drive production through science and technology to create a large profit margin, and strive to reduce the risk of bad investment in venture capital.

Venture capital is the most new financing method, and it is active in the innovation and reform of high-tech enterprises. With the overall stable development of China's financial market and the healthy development of the venture capital environment, it has continuously enriched the financing channels of high-tech enterprises and increased financing opportunities. In the context of good economic development, entrepreneurial investors effectively evaluate the strategic positioning of high-tech and high-tech industries, establish a comprehensive risk prevention system, improve risk management capabilities, achieve efficient capital operations, and assist the healthy and stable development of high-tech enterprises.

Acknowledgements

"Empirical Research on Heilongjiang Venture Capital Industry to Promote Local Economic Development" (2018-KYYWF-020)

References:


