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# The Underlying Logic of Driving High-quality Development with New Quality Productivity and its Practical Implications

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**Abstract:** New quality productivity is an inherent requirement and important focus for promoting high-quality development. Its underlying logic for driving high-quality development lies in promoting technological innovation and upgrading factor quality, accelerating management innovation and production relationship transformation, and achieving high-quality economic development. In the new era, we must adhere to the core position of technological innovation in the overall modernization construction, play a key role in further deepening reform and opening up comprehensively, and explore new mechanisms for talent cultivation under new situations and requirements.

**Keywords:** New Quality Productivity; High quality development; Bottom level logic

New quality productivity is ‘generated by technological revolutionary breakthroughs, innovative allocation of production factors, and deep industrial transformation and upgrading’<sup>[1]</sup>. It has the characteristics of high technology, high efficiency, and high quality, which conforms to the new development concept and is an inherent requirement and important focus for promoting high-quality economic development. Currently, research on new quality productivity mostly focuses on theoretical interpretation and its driving role in economic development<sup>[2]</sup>.

## 1. The underlying logic of driving high-quality development with new quality productivity

### 1.1 Technological innovation and upgrading of factor quality

The key features of the new quality productivity include the new development concept as the ideological guide, scientific and technological innovation as the fundamental driving force and industrial cultivation as the main focus<sup>[3]</sup>. Innovation is not limited to the technical level, but also includes management innovation, business model innovation, etc. These innovations jointly promote the improvement of production efficiency and the optimization and upgrading of industrial structure. At the same time, the innovative allocation of factors such as labor, capital, land, technology, and management requires new types of workers to possess relevant abilities. In the current development context, the combination of technological innovation and upgrading of factor quality is particularly important. They jointly promote the qualitative transformation of traditional labor factors and their combination methods, forming various new production factors, giving birth to a large number of new industries and models, promoting the formation of a modern industrial system, and thus achieving high-quality economic development.

### 1.2 Management innovation and production relationship transformation

By innovating institutional mechanisms, reforming national governance and technological innovation systems, improving modern management levels, constructing new production relations that adapt to new quality productivity, and promoting high-quality economic development. Management innovation lies in restructuring organizational relationships, transforming them from hierarchical relationships to value creation relationships, in order to adapt to the development needs of new quality productivity and improve organizational flexibility and innovation capabilities; Establish a management system that is compatible with new quality productivity, such as extending the scientific research assessment cycle, promoting a shift from result oriented to process oriented assessment methods, and establishing a long-term and contribution oriented performance allocation system. Establish a socialist market economy system that adapts to the development of new quality productive forces, innovate the allocation of production factors, improve the mechanism for production factors to participate in income distribution, stimulate the enthusiasm of all parties, and enable advanced and high-quality production factors to flow smoothly towards the development of new quality productive forces. The innovation of management and the transformation of production relations provide organizational guarantees and institutional support for the development of new quality productive forces.

### 1.3 Achieving high-quality economic development

New quality productivity empowers traditional industries to upgrade, cultivate emerging industries, layout future industries, build

a modern industrial system, and promote the effective improvement of quality and reasonable growth of quantity in the economy. The development direction of digitization, intelligence, and greening effectively improves resource utilization efficiency and sustainable development, and the new quality productivity itself is green productivity, advocating the coordinated development of economic development and resource environment. By promoting the application of green technology and the development of green industries, we can achieve the effective integration of resource utilization efficiency and environmental protection, promote sustainable economic development, and help build a green, low-carbon, circular and efficient development model. While obtaining social and economic benefits, we also take into account the overall trend of long-term development, which can better meet the needs of the people for a better life and make economic development serve and benefit all people. In summary, the new quality productivity provides comprehensive and multi domain support and promotion for economic development, forming strong endogenous competitiveness and optimizing synergy, ultimately promoting the effectiveness of economic reform.

## **2. The practical enlightenment of driving high-quality development with new quality productivity**

### **2.1 Adhere to the core position of technological innovation in the overall modernization construction**

Promoting high-level technological self-reliance and self-improvement is the key to driving the development of new quality productivity. It is necessary to continuously promote the process of industrial innovation through technological innovation and accelerate the formation of new quality productive forces<sup>[4]</sup>. Therefore, it is necessary to increase investment in basic research, promote original and disruptive technological innovation, organize scientific research forces to focus on tackling key issues, accelerate technological breakthroughs, and enhance the independent and controllable capabilities of the industrial and supply chains. Actively participate in international scientific and technological cooperation, absorb advanced foreign technology and management experience, and enhance the country's international scientific and technological competitiveness. To optimize the mechanism for transforming scientific and technological achievements, promote the transfer of scientific research results from laboratories to the market, and through policy guidance and market mechanisms, promote the close integration of scientific and technological innovation with industrial upgrading and regional economic development, forming a new model of innovation driven development. To stimulate the innovation vitality of the whole society and motivate innovation subjects to carry out technological innovation and result transformation. Ultimately, it provides a strong driving force for the development of new quality productivity, thereby supporting the high-quality development of the economy.

### **2.2 Emphasize the key role of further comprehensively deepening reform and opening up**

Further deepening reform and opening up comprehensively is a key action to promote high-quality development driven by new quality productive forces. One of the purposes of reform and opening up is to adjust production relations that are not compatible with the new quality of productive forces, in order to promote the sustainable development of productive forces. Economic system reform is the driving force for comprehensively deepening reforms, aimed at building a high-level socialist market economy system, promoting the unification of market basic institutional rules, fair and unified market supervision, and high standard connectivity of market facilities. Reform and opening up should support technological innovation, especially original and disruptive technological innovation, accelerate the realization of high-level technological self-reliance and self-improvement, promote the development of new quality productive forces, and promote the rapid growth of strategic emerging industries and future industries; We should strive to establish a unified, open, competitive and orderly market system, continuously improve the macroeconomic governance system, optimize the business environment, stimulate the vitality of market entities, and promote high-quality economic development; We should accelerate the establishment of a new open economic system, better integrate into the process of economic globalization, achieve mutual promotion of domestic and international circulations, and enhance the attractiveness of global factor resources.

### **2.3 Explore new mechanisms for talent cultivation under new situations and requirements**

Technological innovation highlights the pivotal role of talent, which is seen as crucial for innovation and global competitiveness<sup>[5]</sup>. China has accelerated the establishment of a discipline adjustment mechanism oriented by the frontier of science and technology and national strategy, optimized the talent training strategy, focused on the major strategic needs of the country and the trend of scientific and technological development, accelerated the training of strategic scientists and leading scientific and technological talents, and enhanced the fundamental and strategic support for Chinese path to modernization. Promote the integration of science and education for collaborative education, promote interdisciplinary and integrated learning, and cultivate new research fields and innovation points. By promoting the integrated reform of the education technology talent system and mechanism, strengthening fundamental strategic support, improving talent evaluation and incentive mechanisms, creating an open and transparent environment for talent innovation, integrating innovative forces and advantageous resources, and achieving optimal allocation and maximum efficiency of talent resources. By developing a systematic talent development plan, strength-

ening internal training, enhancing practical and innovative capabilities, a solid talent foundation and reserve will be provided for future major technological innovations. Build an innovation ecosystem centered on talent, form a joint force to strengthen the overall advantages of the country, and provide strong talent support and innovation momentum for the development of new quality productivity.

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