

Chapter 9 | Developing Strategic Emerging Industries

With a focus on moving first to develop the industries of the future, we will cultivate leading and pillar industries, encourage the integrated, clustering, and eco-driven development of strategic emerging industries, and see their value-added reaching more than 17% of GDP.

Section 1 Building New Pillars of the Industrial System

We will focus on next-generation information technology, biotechnology, new energy, new materials, high-end equipment, new energy vehicles, environmental protection, aerospace, marine equipment, and other strategic emerging industries. In doing so, we will accelerate the innovation and application of core technologies in key fields, enhance production factor assurance capabilities, and foster new drivers for industrial development. We will promote the integration and innovation of biotechnology and information technology, encourage faster growth in biomedicine, bio-breeding, biological materials, biological energy and other industries, and strengthen the development of the biological economy. We will make a solid push to advance applications of the BeiDou Navigation Satellite System (BDS) and promote high-quality development in related industries. We will advance projects to develop national strategic emerging industry clusters, improve the organization and management of industrial clusters and the mechanisms for promoting their specialization, and build complexes for innovation and public services. We will build a number of strategic

emerging industries into growth engines that have distinctive features, mutually reinforcing strengths and reasonable structures. We will encourage technological innovation and enterprise mergers and restructuring and prevent the building of redundant and low-value production facilities. We will give play to the guiding role of the industry investment funds and enhance the capacities of financing guarantees and risk compensation.

Section 2

Making Forward-Looking Plans for the Future Industries

We will organize the implementation of future industry incubation and acceleration programs and plan the layout of a number of future industries in the fields of cutting-edge technology and industrial transformation, such as brain-inspired intelligence, quantum information, genetic technology, future networks, deep-sea and aerospace development, hydrogen energy, and energy storage. We will deploy a number of national future industrial technology research institutes in areas with abundant science and education resources and strong industrial foundations and strengthen the exploration of cutting-edge technologies along multiple pathways, cross-sectoral technological integration, and the supply of disruptive technologies. We will implement demonstration projects for cross-sectoral industrial integration and develop application scenarios for technologies to further accelerate the development of the industries of the future.