

The Development and Experience of Agricultural Digital Transformation in China

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The rapid development of digital technology is having a more and more profound impact on agriculture. China is promoting the digital transformation of agriculture in a large scale by supporting using digital technologies on agricultural production and management. This effort is useful for improving agricultural production efficiency, innovating agricultural business models and promoting new forms of business in agriculture. The digital transformation of agriculture has greatly promoted the high-quality development of agriculture and created opportunities for the innovative development of the vast rural areas in China.

This report will focus on the development of China's agricultural digital transformation and the operational mechanisms of the five chains in the agricultural digital transformation system, and try to introduce the top-level design of China's agricultural digital transformation, analyze the roles and contributions of stakeholders by typical cases study and the future development trend. In general, the digital transformation of agriculture is a systematic project. China's experience is to promote the transformation from the perspective of system-building and strengthen the collaboration of stakeholders in the process of transformation, taking the innovation

chain as the core to enable other chains to become more effective and create a suitable development environment for agricultural digital transformation. Of course, China's digital transformation of agriculture had encountered many problems, however, the exploration of agricultural digital transformation is still going on.