

A Framework with Layered View Mechanisms and Interaction Paths for Industry Chain and Innovation Chain In- depth Integration

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Abstract. Due to the challenge of managing unexpected changes in international relations against the context of rising global competition and quick technological change, how to foster the integration of industry chains and innovation chains from a systematic point of view in the new era has become a realistic problem and an critical research topic that needs to be solved and studied urgently. In this study, we investigated and proposed a three-level hierarchical two-chain in-depth integration mechanism framework to enhance the efficiency of scientific and technological achievements, and the framework consists of three layered mechanisms, including (1)strategical mechanism, (2) functional mechanism and (3) guarantee mechanism. This paper presents a layered view mechanism framework for sociotechnical system transition that enables government to foster the integration of innovation and industry chains.

Keywords. Industry chain; innovation chain; two chain integration

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