

## Chemical Industrial Parks in Transition under China's 15th Five-Year Plan of China: A Case Study

Since China's 14th Five-Year Plan of China (2020–2025), national policy has increasingly emphasized the national priorities around the biomanufacturing and circular resource utilization. With the forthcoming 15th Five-Year Plan of China (2020–2025), these directions are expected to be reinforced. Such policy have been influencing the strategic positioning of large chemical industrial parks, which play a central role in China's chemical production and innovation ecosystem.

This presentation examines the transition of a leading Chinese chemical industrial park as a case study, focusing on how its development strategy is evolving in response to emerging policy signals. The analysis explores new industrial pathways including biomanufacturing, bio-based chemicals and materials, and circular economy solutions such as chemical recycling. It also present how the park is reshaping its industrial structure, attracting new technology investments, and building partnerships to support these transitions.

By linking national policy developments with on-the-ground industrial transformation, the case provides insights into how China's chemical clusters may contribute to the development of a bio-based and circular chemical industry in the coming decade. This perspective may also help international stakeholders better understand emerging opportunities and dynamics within China's evolving bioeconomy landscape.