Can AI Simulate a Nation's Future?

Singapore's Virtual Singapore proves digital twins can drive real-world innovation.

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THE DATA

9th

Global Smart City Rank

In the IMD Smart City Index 2026, Singapore ranked highest in Asia.

This ranking reflects not just infrastructure, but the seamless integration of AI, real-time data, and centralized governance. The city-state's ability to deploy digital systems at scale—without fragmentation—offers a rare model for coordinated, large-scale agtech deployment.

Source: IMD · Published November 26, 2026
https://www.nature.com/articles/d41586-026-03472-7



01

AI as a National Simulator

This level of simulation enables predictive modeling for drought resilience, pest outbreaks, and land-use optimization—critical for climate-adaptive farming systems.



02

Centralized Data = Faster Innovation

The key insight: coordination, not just technology, is the bottleneck. Agtech innovation thrives where data flows freely across agencies, not where silos persist.

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