

**STRATEGI KEBIJAKAN TIONGKOK DALAM KOMPETISI
TEKNOLOGI AI DENGAN AMERIKA SERIKAT MELALUI
TEKNONASIONALISME: Studi Kasus Artificial Intelligence Development
Plan (AIDP) Periode 2017-2025**

Abstrak

Penelitian ini mengeksplanasi strategi kebijakan pemerintah Tiongkok dalam menghadapi kompetisi kecerdasan buatan (Artificial Intelligence) dengan Amerika Serikat melalui cetak biru Artificial Intelligence Development Plan (AIDP) periode 2017–2025. Kompetisi makro ini dipicu oleh dominasi unipolar Amerika Serikat yang memunculkan kekhawatiran keamanan nasional bagi Tiongkok. Dengan menggunakan pendekatan kualitatif, penelitian ini membedah operasionalisasi AIDP menggunakan teori Teknonasionalisme dari Richard P. Suttmeier yang diturunkan ke dalam tiga dimensi konseptual strategis: *indigenous innovation*, *state-driven funding & mobilization*, serta *market protection & standard setting*. Pengumpulan data dilakukan melalui studi kepustakaan dan wawancara mendalam bersama pakar dinamika teknologi transpasifik, Matt Sheehan. Hasil penelitian menunjukkan bahwa penerapan ketiga dimensi teknonasionalisme di dalam AIDP berhasil mentransformasi konstelasi kekuatan makro global dari unipolaritas menuju kontestasi sistemik berwujud dua kutub teknologi. Melalui mobilisasi dana negara proteksionisme data via Great Firewall, Tiongkok berhasil memelihara ekosistem industri AI domestik hingga melampaui nilai RMB 900 Miliar. Meskipun menghadapi tekanan ketat semikonduktor dari Amerika Serikat, Tiongkok mampu meresponsnya secara adaptif melalui akselerasi inovasi mandiri (*indigenous innovation*) yang melahirkan terobosan algoritmik orisinil berbiaya efisien lewat model DeepSeek-R1. Strategi ini disempurnakan dengan memproyeksikan standar digital nasional ke kawasan Global South melalui koridor Digital Silk Road (DSR). Secara keseluruhan, interaksi aksi-reaksi dalam *tech war* ini telah mendorong tatanan internasional ke dalam situasi *two technological spheres* sekaligus menandai pergeseran paradigma global menuju keamanan teknologi nasional.

Kata Kunci: *Artificial Intelligence Development Plan (AIDP), Teknonasionalisme, Tech War, Indigenous Innovation, State-driven Funding & Mobilization, Market Protection & Standard Setting.*

China's Policy Strategy in the AI Technology Competition with the United States through Techno-nationalism: A Case Study of the Artificial Intelligence Development Plan (AIDP) 2017–2025

Abstract

This study explicates the policy strategies of the Chinese government in confronting Artificial Intelligence (AI) technology competition with the United States through the blueprint of the New Generation Artificial Intelligence Development Plan (AIDP) for the 2017–2025 period. This macro-level competition was triggered by the unipolar dominance of the United States, which raised national security concerns for China. Employing a qualitative approach, this study dissects the operationalization of the AIDP using Richard P. Suttmeier's Techno-nationalism theory, which is operationalized into three strategic conceptual dimensions: indigenous innovation, state-driven funding & mobilization, and market protection & standard setting. Data collection was conducted through library research and an in-depth interview with Matt Sheehan, an expert on transpacific tech dynamics. The results indicate that the implementation of the three techno-nationalist dimensions within the AIDP successfully transformed the macro-global constellation of power from unipolarity toward systemic contestation manifested in a bipolar tech ecosystem. Through the mobilization of state funds and data protectionism via the Great Firewall, China succeeded in cultivating a domestic AI industry ecosystem valued at over RMB 900 billion. Despite facing intense pressure from United States semiconductor, China adapted responsively by accelerating indigenous innovation, which yielded genuine and cost-efficient algorithmic breakthroughs through the DeepSeek-R1 model. This strategy was further extended by projecting national digital standards to the Global South via the Digital Silk Road (DSR) corridor. Overall, the action-reaction dynamics within this tech war have driven the international order into two technological spheres while marking a global paradigm shift toward national technology security.

Keywords: Artificial Intelligence Development Plan (AIDP), Techno-nationalism, Tech War, Indigenous Innovation, State-driven Funding & Mobilization, Market Protection & Standard Setting.