# The Six Broken Foundations of the Old Economic Engine: Why Indonesia Must Migrate to Capital Architecture

By: Irvan Karamy

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## Abstract

For decades, Indonesia has been stuck at 5% growth. This should raise serious questions for those who truly care to think about the future of this great nation—especially when that growth is financed through debt, deployed into unproductive spending, rushed before December 31st, and then proudly declared a success. We repeat this pattern year after year, expecting different results. As Einstein said: “That’s madness.” Now, for the first time, the issue is clear. The flaw lies in the very foundation of our economic engine. It was never designed to scale. It was never built to be strong. It’s a legacy system—an outdated playbook inherited from the post-colonial era. If Indonesia is to lead Southeast Asia and rise beyond, we can no longer afford to rely on a broken model. We must replace it. This white paper uncovers the broken engine Indonesia has been running for years—and proposes a bold alternative: a capital-driven, sovereignty-focused framework built for long-term prosperity and generational resilience.


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## Executive Summary

Indonesia’s economic machine is showing signs of internal failure. Despite consistent growth narratives and fiscal programs, core vulnerabilities remain unresolved. This white paper outlines six foundational flaws embedded in the country's economic operating system—flaws that prevent Indonesia from building true strategic power. We argue that the current system is based on outdated assumptions: that growth must be debt-fueled, that budgets must be absorbed not multiplied, and that volatility must be feared instead of designed for. This mindset leads to fragility, short-termism, and systemic inefficiency. This paper proposes a shift toward **Capital Architecture**: a framework where the state functions not as a budget disburser, but as a long-term capital allocator. Capital Architecture treats risk as design, value as accumulation, and policy as strategic engineering. It transforms ministries into national capital units and aligns sovereign economics with power, resilience, and long-term growth.

# Introduction: The Hidden Crisis

Indonesia is not stagnating due to a lack of ambition, resources, or even funding. It is stagnating because the engine that runs its economy was never built to win the capital game. It was designed to comply, to absorb, to maintain.

The current economic logic is not wrong because it's inefficient. It's wrong because it was never designed to produce sovereignty. To understand this more clearly, we must look at the structural symptoms that reveal the true nature of the system.

**Here is the data-driven evidence for Indonesia's capital challenge:**

1. **Growth Without Compounding Ownership**

   Indonesia's GDP growth has averaged around 4.9% since 2000, with recent years hovering at 5%, consistently missing ambitious targets and showing signs of slowing momentum. In Q1 2025, growth was just 4.87%, the slowest since 2021, weighed down by tighter budgets and declining government spending. This pattern suggests the economy is running on established routines—absorbing and disbursing funds—rather than building new engines of wealth or ownership.

2. **High Investment, But to What End?**

   Investment has accounted for roughly 30% of Indonesia's nominal GDP over the past three decades, peaking at 38.4% in 1994 but rarely translating into significant domestic capital accumulation or technological leapfrogging. Despite this substantial investment share, questions remain: What lasting assets are being built? Who ultimately owns and controls these assets?

3. **Policy Shaped by External Models and Compliance**

   Indonesia's economic management has long been influenced by technocratic frameworks and international models, prioritizing balanced budgets and macro-stability over strategic capital formation. The technocratic approach, while effective for stabilization, has often sidelined long-term national planning and sovereignty in favor of compliance with external benchmarks and donor expectations. This has led to a system where success is measured by absorption rates and disbursement, not by the creation of enduring, nationally owned value.

4. **Budgetary Rituals and Misallocation**

   The budget process in Indonesia is marked by complexity, frequent misallocation of funds, and persistent regional inequalities. These inefficiencies reduce the space for productive public investment and limit the potential for compounding national wealth. Budget uncertainty and misallocation also deter private investment, reinforcing a cycle where capital is absorbed and maintained, not multiplied.

5. **The Hidden Cost: Erosion of Sovereignty**

   Indonesia's reliance on foreign capital, technology, and digital infrastructure has led to significant outflows of value. For example, 75% of Southeast Asia's digital ad spend goes to U.S.-based platforms, and Indonesia loses billions annually as digital revenues are extracted by foreign companies. This dependence undermines economic sovereignty and exposes the country to strategic risks, as key assets and data remain outside national control.

Together, these indicators reveal an economic architecture built not to compound national power, but to circulate cash, follow external templates, and meet annual targets. This is the hidden crisis at the heart of our development: we celebrate flow, but we fail to build stock. We manage disbursement, but we do not design ownership.

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## The Six Broken Foundations

1. **Economics Isn't Treated as Sovereignty**
   Economics in Indonesia has been managed by technocrats, often following international frameworks (IMF, World Bank) that prioritize macro-stability and compliance over national power and strategic autonomy.

   - **Technocratic dominance:** Indonesia's economic policy has been shaped by technocrats since the New Order era, with key positions often filled by Western-educated economists.

   - **Policy outsourcing:** Fiscal and monetary frameworks are frequently benchmarked to international standards, with the IMF and World Bank providing technical assistance and policy recommendations.

- **Sovereignty trade-off:** Despite macroeconomic stability, Indonesia's share of high-value digital, financial, and industrial assets remains low, with foreign entities dominating key sectors (e.g., 75% of digital ad spend goes to foreign platforms).

2. **Growth Is Fueled by Debt, Not Capital**
   Indonesia's development has leaned heavily on external and domestic borrowing, rather than on building endogenous capital engines.

   - **Debt-driven growth:** Indonesia's government debt-to-GDP ratio increased from 24% in 2019 to 39% in 2024, with interest payments now consuming over 20% of annual revenue.
   - **Capital formation lag:** Gross capital formation as a share of GDP has stagnated at ~30%, with limited conversion into high-productivity assets or national champions.
   - **Fiscal treadmill:** Rising debt service costs squeeze fiscal space for productive investment—interest payments are projected to surpass 400 trillion IDR in 2025, up from 275 trillion in 2020.

3. **Budget Logic Dominates, Not Capital Strategy**
   Ministries and agencies are incentivized to maximize budget absorption, not to create lasting value or strategic assets.

   - **Absorption focus:** Annual reports from the Ministry of Finance consistently highlight "absorption rates" as a key metric—often exceeding 95%—but offer little analysis of asset quality, ROI, or long-term impact.
   - **No exit strategy:** Less than 10% of major public projects undergo rigorous post-completion evaluation for value creation or strategic fit.
   - **Capital inefficiency:** Indonesia's incremental capital-output ratio (ICOR) remains high (6.0 in 2023), indicating inefficient capital use compared to regional peers (Thailand: 4.2; Vietnam: 4.5).

4. **Risk Is Externalized, Not Engineered**
   The system is built for stability, not resilience. Risk is seen as a threat to be minimized, not a resource to be harnessed.

- **Stability bias:** Fiscal and monetary policy are designed to avoid volatility—Indonesia's inflation targeting regime and fiscal deficit cap (3% of GDP) are strictly enforced.
- **No doctrine for chaos:** There is limited national capacity for scenario planning, stress-testing, or countercyclical investment.
- **Crisis response:** During global shocks (e.g., COVID-19), Indonesia relied heavily on ad hoc fiscal measures rather than pre-engineered sovereign buffers.

5. **Policy Timeframe ≠ Power Timeframe**
   Policy is dictated by five-year political cycles, while capital and institutional power require decades to mature.

- **Short-term bias:** RPJMN is structured in five-year increments aligned with presidential terms—leading to frequent resets and shifting priorities.
- **Weak compounding:** Only 10% of infrastructure projects are planned with a 20+ year horizon, compared to 40% in China and 35% in South Korea.
- **Institutional fragility:** Frequent leadership changes in SOEs and ministries disrupt long-term strategies, undermining compounding and institutional memory.

6. **Value Is Measured in Flow, Not Stock**
   Success is measured by activity (GDP, spending) rather than by the accumulation of enduring national assets and capital stock.

- **Flow obsession:** Indonesia's GDP growth is celebrated, but net national wealth per capita grew only 1.2% annually between 2010 and 2022.
- **Asset neglect:** National asset registry and sovereign wealth accounting remain underdeveloped. Total public assets are not transparently tracked or leveraged.
- **Foreign extraction:** Indonesia's share of value-added in key export sectors (e.g., nickel, palm oil) remains below 30%, with most value captured abroad.

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## From Breakdown to Breakthrough: The Capital Architecture Doctrine

| **Old Engine** | **Capital Architecture** |
|---|---|
| Budget Disbursement | Strategic Capital Allocation |
| Debt as Fuel | Equity as Leverage |
| Annual KPIs | Sovereign ROIs |
| Siloed Ministries | Unified Capital Governance |
| GDP Flow Metrics | National Asset Stock Metrics |
| Crisis Aversion | Antifragility Engineering |

Table 1. Old Engine vs Capital Architecture: A Strategic Redesign

Capital Architecture is not a budget reform. It is a full-system redesign. It redefines how the state thinks, acts, and builds power:

- **Ministries evolve from spenders to capital deployers:** They no longer merely execute programs—they manage portfolios of national assets. Each program must pass a capital lens: What is the strategic return? Who captures the upside? What is the compounding pathway?
- **Projects are evaluated like investments, with compounding impact:** Infrastructure, education, and technology initiatives are no longer measured by output alone, but by their ability to generate durable capital gains—economic, social, and geopolitical.
- **Policy is built around ownership, equity, and returns:** Every rupiah spent should result in increased national leverage—through intellectual property, infrastructure ownership, or equity in critical industries. Ministries become co-owners, not just funders.
- **Resilience is built into the system as a design requirement:** Capital Architecture embeds antifragility into national planning. Buffers, reserves, scenario models, and counter-cyclical levers are built upfront. Shocks are anticipated, not feared.

- **Governance is unified through a capital council:** A cross-ministerial entity must orchestrate capital flows, coordinate strategic bets, and measure sovereign ROI across time horizons.
- **Time is treated as a compounding ally:** Policies are designed for decades, not terms. Institutions are judged by the durability and compounding trajectory of the assets they build—not by annual reports.

Capital Architecture restores the role of the state as a strategic investor—not in opposition to markets, but in coordination with them. It treats the economy not as a cash flow to manage, but as a sovereign balance sheet to grow.

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## Closing Manifesto: Build to Own, Not Just to Spend

This is more than a reform. It is a regime change in how we think about growth, power, and national survival.

"Budget management was the mindset of a post-colonial nation. Capital architecture is the mindset of a sovereign one."

Indonesia must now act not as a debtor or spender—but as an architect of its own economic destiny.

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*Capital Architect begins here.*