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Capital Budgeting Current Practice and Development in the ASEAN Region: Indonesia, Malaysia and Singapore

Siti Mariam Abdul Halim

Introduction

Capital budgeting is an important part of financial planning and management, especially as the global economy changes and faces new challenges and opportunities. This process involves assigning resources for long-term investments, evaluating potential projects, and determining their feasibility and expected returns. Current capital budgeting practices show a trend toward including new technology, sustainability issues, and strategic growth efforts, helping organisations stay competitive and innovative.

A key development in capital budgeting is the use of smart governance frameworks, especially in urban development projects. Rifaid et al. (2023) pointed out that smart city initiatives require a thorough evaluation of human resource capabilities, budget limitations, and infrastructure needs. The study also suggests that successful capital projects in smart city contexts depend not just on financial goals but also on community needs and environmental sustainability. By setting up a smart governance system, governments can better handle the complexities of capital allocation and increase the returns on public investments.

When looking at the social and political aspects of capital budgeting, the focus is on the crucial role of budget readiness for infrastructure development in regions undergoing major changes, such as Indonesia's capital relocation (Baharuddin et al., 2022). It was noted that understanding regional planning, environmental factors, and bureaucratic dynamics is vital for making effective capital budgeting choices. Such analyses reveal the connection between economic elements, cultural evaluations, and good management practices in achieving strategic goals in capital projects.

Human capital development has become a major concern that intersects with capital budgeting processes. Research shows that strategic budget allocation for education and health not only boosts human capital but also leads to better economic outcomes. For example, findings indicate that investments in education positively affect workforce skills and performance, benefiting the overall economy (Sriyana et al., 2024). This link between capital budgeting and improving human resources highlights the need to consider social and economic factors in investment decisions.

In terms of sustainability, the capital budgeting process for small and medium-sized enterprises (SMEs) is evolving to tackle sustainability challenges more effectively. A study by Shields et al. (2024) examined how SMEs can use capital budgeting to invest in sustainable projects that promote organisational growth and support broader social goals. This emphasis on sustainability shows the urgent need for modern capital budgeting practices to factor in environmental issues, aligning financial choices with long-term ecological responsibility.

As capital budgeting practices continue to change, organisations need to take a multi-layered approach that includes technological innovations and sustainability goals. By combining these elements, modern capital budgeting frameworks can better meet the challenges of today's economy, ensuring that investments provide immediate financial gains while also offering long-term advantages.

The current practices and development of capital budgeting show a complex relationship between traditional financial measures and modern societal needs. The growth of this area highlights a rising awareness of the importance of smart governance, human capital development, and sustainability. These factors together shape the future of capital budgeting, ensuring it remains relevant and effective in navigating the complexities of today's economic landscape.

In the ASEAN region, capital budgeting practices differ from country to country. Economic conditions, financial regulations, and cultural contexts influence these variations. This section looks at the current practices and developments in capital budgeting in three key ASEAN countries: Malaysia, Indonesia, and Singapore.

First, Malaysia presents an interesting case where capital budgeting aligns with the national development agenda, focusing on economic resilience and sustainability. The Malaysian government increasingly prioritises investments in technology and innovation to gain a competitive edge in the global market. The shift toward modernisation in capital budgeting highlights performance-based approaches that link financing to results (Haryanto et al., 2025). Additionally, Malaysia has been adopting green public financial management, connecting investments to environmental sustainability goals (Goksu, 2022).

In Indonesia, capital budgeting practices are undergoing significant changes due to decentralisation and regional autonomy. A major issue is the rigidity of the budgeting process at both the central and local government levels. This approach often emphasises traditional infrastructure over human capital investments (Setiawan et al., 2022). Furthermore, the mismatch between local government financial capabilities and development goals creates fragmentation in budgeting practices. This often leads to inadequate funding for essential infrastructure projects (Fauzan et al., 2023). To tackle budget gaps from infrastructure spending, the government is looking at alternative financing models like public-private partnerships (PPPs) (Nuraidi, 2021).

Singapore stands out for its advanced capital budgeting practices. The country employs a systematic and analytical approach, using data analysis and forecasting to evaluate investment viability. Capital expenditures in Singapore are closely linked to long-term urban planning frameworks, reflecting a commitment to sustainable development and efficient resource use (Rifaid et al., 2023). The use of smart technologies in capital budgeting enhances decision-making clarity and operational efficiency, showing how technology can improve public financing strategies.

Across these three countries, it is clear that numerous approaches to capital budgeting have emerged, shaped by regional economic traits and institutional frameworks. Malaysia aims to balance economic growth and sustainability in its budgeting process, while Indonesia focuses on reforms that incorporate community interests. Singapore demonstrates a high level of sophistication and alignment with technological progress.

In conclusion, the ASEAN region showcases a diverse array of capital budgeting practices influenced by historical contexts and current challenges. These practices are evolving, fuelled by globalisation, technological changes, and the ongoing need for economic resilience amid various socio-economic pressures. The push for innovative financing solutions, like blended finance, and the focus on sustainability in public financial management show that capital budgeting in this region is not just about funding projects; it is increasingly about strategically shaping future growth through informed and responsible investment decisions.

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