

Evaluating the Current Policies of Transit System-Based Transportation Development in Jakarta: A Systemic Framework

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Abstract

Jakarta, as center of government and economy, promises a better life, making it a magnet for residents outside Jakarta and driving the pace of urbanization. As a megacity that is home to more than 10 million people, Jakarta faces complex transportation problems such as congestion and low public transport usage. The activities of the people in Jakarta require reliable public transportation to support them. The Jakarta Provincial Government has provided various public transportation modes to support its citizens, such as bus and train services, to attract public transport users. However, this is considered insufficient as a solution to increase the number of public transport users. Therefore, the government has introduced a transit-based transportation development policy as a way to integrate transportation networks and services. As a new policy in transportation development, the government needs to evaluate the policy to determine its success in increasing the number of public transport users and other benefits obtained. This research aims to identify important factors, stakeholders, interest holders, objectives, and relationships using a systematic framework based on soft system methodology. This paper will explore the conceptual model of these relationships, which will help the government understand the interdependence of the system and design an appropriate strategy.

Keywords

Systemic framework, Soft System Methodology (SSM), Transit system, Conceptual model and Policy evaluation.

Biographies

Siti Alfiyah, is a master's degree student in the Industrial Engineering Department, Faculty of Engineering Universitas Indonesia. She earned her bachelor's degree in Land Transportation from Sekolah Tinggi Transportasi Darat (STTD). Her field of interest is quality management, operation management, and transport planning. She is also a working professional in one of the public transport operators in Indonesia.

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