

MVA Consultancy Services

MVA provides professional consultancy services in all aspects of traffic and transport planning and management. We advise on transport policy, plans and projects and on the operation of transport and traffic systems, at national, regional, urban and local levels. Clients include Governments, local authorities, transport operators, project developers and financial institutions.

MVA Asia Limited is part of the MVA Group, comprising some 400 professional staff in traffic and transportation worldwide. MVA is the largest independent traffic and transportation consultancy in SE Asia, and one of the largest in the world. MVA is a member of the international Systra Group. MVA Asia Ltd has a head office in Hong Kong, and regional or local offices in most of the major countries in Asia, including Indonesia.

MVA in Indonesia

For many years, MVA has provided services to private sector clients involved with major development projects, and to financial institutions and project principles involved with toll road projects.

Studies have covered all aspects of transport and development planning; traffic management and engineering; and traffic and financial forecasting of toll road usage and financing needs. Projects have been carried out jointly with local consultants, thereby combining international expertise with local knowledge and experience.

In more recent years, as their reputation for technical excellence has grown, MVA has been involved in several prestigious transportation projects in Indonesia. Most recent projects have been undertaken on behalf of public sector clients, with funding provided by the World Bank.

Transport Forecasting in Indonesia

MVA has developed up-to-date urban and regional transport forecasting models – these include models of Jakarta and the Jabotabek region and for the whole of Java. Models have been used for highway forecasting and appraisal, to provide inputs to economic and financial assessment, and for traffic impact appraisal.

Recent Project Experience in Indonesia

Toll Road Investment Studies

MVA has recently completed a number of toll road investment studies for bidders for various sections of the Second Jakarta Outer Ring Road (JORR2) and for sections of the proposed Trans Java Expressway. Through these projects MVA maintains up-to-date data bases and traffic models for Jabodetabek and Java.

As part of earlier studies, MVA has been involved in toll road assessments for project sponsors and financiers for several inter-urban toll roads in Java and for urban toll roads in Surabaya.

Java Arterial Road Network Study (JARNS)

This major planning study was undertaken in 2000/2001 on behalf of the Ministry of Settlements and Regional Infrastructure Development, supported by funding from the World Bank. Its purpose was to identify future strategic road development and capacity needs and priorities for Java over a twenty year period.

The study gave particular attention to the likely future role of and needs for toll roads in Java, and a forward development program was identified. A strategic road network model was developed and travel demand forecasts prepared.

Java Toll Roads Study

MVA developed traffic forecasting models on behalf of Jasa Marga for their use in planning future toll roads across the country. Models were built for Java, Jabotabek, Bandung and Surabaya and at the end of the study the models were handed over to Jasa Marga staff following an intensive training course in their use.

Development Projects

MVA frequently advises developers on internal and external traffic aspects for new development and masterplan projects. Examples in Indonesia include:

- Mixed use development at Kota Kasablanka
- Jakarta World Trade Centre
- Kebayoran Traffic Impact Study

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