

Application Form of EASTS IRG (International Research Group)

IRG-12-2008

Date of Submission: 5 August 2008

1. Name of IRG:

PRivate Sector Initiatives for **ProM**oting Road Development in **E**ast – Asian Countries
(**PRIME** Project)

2. List of research members

- 1) Name: Prof. Danang Parikesit
Affiliation: Center for Transportation and Logistics Studies (PUSTRAL) at Universitas Gadjah Mada
- 2) Name: Prof. John Black
Affiliation: School of Civil and Environmental Engineering
- 3) Name: Prof. Mohamed Rehan Karim
Affiliation: Center for Transportation Research, University of Malaya
3. Name: Jose Regin F. REGIDOR, Dr. Eng
Affiliation: National Center for Transportation Studies, University of the Philippines Diliman, Quezon City
4. Name: Noriel Christopher C. TIGLAO, Dr. Eng
Affiliation: National College of Public Administration and Governance, University of the Philippines, Diliman, Quezon City

To be nominated

5. Name: Dr. Sorawit Narupiti
Affiliation: Department of Civil Engineering Chulalongkorn University, Patumwan, Bangkok

3. Purpose and Mission of IRG:

EASTS journals and conference proceedings have published more than thirty articles on Public Private Partnerships (PPP) Projects in transport/road development which are focused on country specific projects. This IRG attempts to consolidate the findings and produce country comparison of PPP project in transport sector for EASTS' member countries.

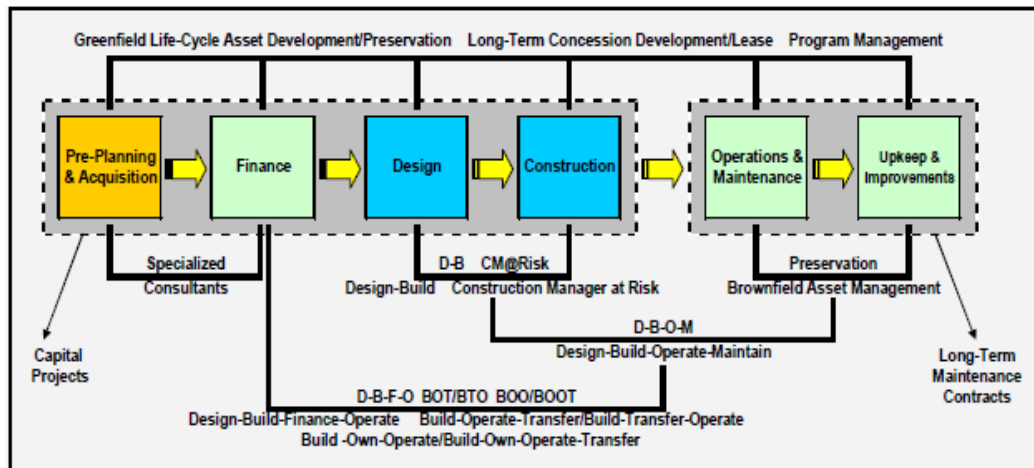
Currently, a research funded by the Australian Government (**G**overnance **R**eform **I**nitiative **E** in **T**rAnspor**T** Sector Project - GREAT Project) has developed the methodology of an action-based research program (great.pustral-ugm.org) to assess the reform process in the past PPP projects. The GREAT project aims to provide policy guidelines and recommendations for policy makers, regulators, project developers and academics to promote transparent and accountable transport infrastructure delivery and services. The IRG will extend this proven research methodology to several East Asia Countries i.e Malaysia, Philippines and Thailand.

The main purpose of this IRG research is to identify, document, interpret, exchange and disseminate information on public sector – private sector partnerships in the road sector of EASTS member countries, especially recent practice.

4. Future research plan including time frame:

Research Plan

Part of GREAT Project has documented the experience with PPP in the road sectors of Australia and Indonesia. In addition, the project has established policy and regulatory frameworks for contracting and procurement for road projects, especially strategic planning and transparent guidelines for private finance initiatives (PFI) in the project life cycle shown below.



Source: Pekka Pakkala. *Innovative Project Delivery Methods for Infrastructure – An International Perspective*. Finnish Road Enterprise, Helsinki, 2002, p.32.

Project Life Cycle for Major Transport Infrastructure

During IRG research, peer review and advice will come from EASTS member countries more advanced with PPP guidelines - Australia and Hong Kong - or where substantial research on the topic has been completed (Japan). An international advisory panel will also be formed in this research consists of Professor S. C. Wong (University of Hong Kong, Hong Kong), Dr. Masy Arioka (Kumagai Gumi, Iidabashi, Tokyo, Japan) and Prof. John Black (UNSW Sydney).

The proposed IRG research will basically undertake the following steps:

- (1) Stock-take current Indonesian, Malaysian, Philippines and Thai policies on the concession agreement for private sector financed-transport infrastructure, design of tariff and user charges, and subsidy policy for transport services;
- (2) Identify common road sector policies in Indonesia, Malaysia, Philippines and Thailand related to procurement, concession agreement, user charge design and subsidy policy;
- (3) Analyze main data sources coming from central government agencies and interviews with focal points at central agencies in participating countries.

Draft Time Frame

- (1) October 2008 - verify IRG membership by October, 2008.
- (2) December 2008 - develop detailed briefing paper to members on research design and common framework for information gathering and data collection, based on the results of GREAT Project.
- (3) January to March 2009 – in country data collection
- (4) April 2009 – preparation of country working paper

- (5) May, 2009 – peer review and feedback to authors
- (6) June, 2009 – Workshop for participants in Bangkok, Thailand to identify missing gaps
- (7) July to September, 2009 – complete data collection
- (8) 2009 or 2011 – Present paper to the EASTS Conference(s)