

Application Form of EASTS IRG (International Research Group)

IRG-09-2006

Date of Submission: 20 November 2006

<p>1. Name of IRG: Economic Instruments in Sustainable Transport of Asia Cities (EISTAC)</p>
<p>2. List of research members</p> <ol style="list-style-type: none">1) Prof. Dr. Nguyen Xuan DAO (Chairman) Director of BRATC (Bridge & Road Advanced Center) - Vietnam Bridge and Road Scientific and Technological Association, Hanoi, Vietnam2) Dr. Kazushi SANO Associate Professor, Department of Civil and Environmental Engineering, Nagaoka University of Technology, Japan.3) M.E. Trinh Thuy ANH Department of Transport Economics, University of Transport and Communication, Hanoi, Vietnam.4) M.E. Trinh Tu ANH Department of Transport Economics, University of Transport and Communication, Hanoi, Vietnam5) M.E Chatchawal Simaskul Ministry of Transport, Bangkok, Thailand6) M.E. Abdul Qadeer MEMON Centre for Transport Study, Department of Civil and Environmental Engineering, University College London, United Kingdom.
<p>3. Purpose and Mission of IRG:</p> <p>Sustainable Transport in Asia cities is the problem of not only policy makers, the authorities, but also the social problem of community. One of the best ways to pursue development goals is through economics instruments that have been mainly implemented in developed cities. It is crucial for policy-makers in Asia developing cities to have a grasp of international experience with economic instruments and understand their potential contribution to sustainable development in Asia cities.</p> <p>Purpose: This research aim to assess the economic instruments in developed and developing cities in Asia to recognize potential of economic instruments. Based on that, alternatives are proposed toward multiple goals, generating revenues and reducing negative impact including congestion and accident while improving air quality.</p> <p>Mission: The research is to classify costs of transport from Asia cities including Tokyo (Japan), London (United Kingdom), Bangkok (Thailand), Hanoi and Ho Chi Minh City (Vietnam) to analyse costs of transport that including transport expenditure, infrastructure costs, accident costs, environmental costs and congestion costs interms of internal and external costs. Combine social costs of transport which are occupied a high percentage of Gross Domestic Product could make the government authority an idea to allocation the resource for transport development as well as to provide economic instruments to influent people's hebaviour. Possible economic incentives and instruments are considered to show the policy options for developing cities in Asia. A frame work for policy maker to conduct economic instruments in those cities are proposed as the result of the</p>

research. To seek for development goals and to raise public revenues while simultaneously helping guarantee mobility in increasingly congested cities is the pursuit of the government authority that could be met by economic instruments.

4. Future research plan including time frame:

- Data and information collected and case studies of each cities (by March 2007)
- Costs of transport in terms of internal and external costs are calculated for each cities (by April 2007)
- Comparative analysis of economic instruments and its roles in sustainable transport development of each cities (by May 2007)
- Experience learnt from developed cities to developing cities (by June 2007)
- Draft research report (by July 2007)
- Workshop to present preliminary research outputs (October 2007)
- Final research report (February 2008)
- Discuss possible book publication and prepare manuscript (by March 2008)