

Application Form of EASTS IRG (International Research Group)

Date of Submission: 2012/08/21

1. Name of IRG: International Comparison Study on Alternative Fuels and Vehicles in East Asia
2. List of research members (Confirmed members)
1) a) Name of representative: Karl B. N. Vergel b) ID number of EASTS Regular Member c) Affiliation: Associate Professor, Institute of Civil Engineering & Head, Transportation and Environment Group, National Center for Transportation Studies, University of the Philippines, Diliman, Quezon City d) E-mail: karl.vergel[at]up.edu.ph e) Country/Region & Address: Philippines/ National Center for Transportation Studies, University of the Philippines, Diliman, Quezon City, PHILIPPINES
2) a) Name: Jose Regin F. Regidor b) ID number of EASTS Regular Member c) Affiliation: Professor, Institute of Civil Engineering & Director, National Center for Transportation Studies, University of the Philippines, Diliman, Quezon City e) Country/Region: Philippines/ National Center for Transportation Studies, University of the Philippines, Diliman, Quezon City, PHILIPPINES
3) a) Name: Driejana b) ID number of EASTS ID-95-11-0112 c) Affiliation: Institut Teknologi Bandung d) E-mail: driejana[at]yahoo.com e) Country/Region: Indonesia
4) a) Name: Nur Sabahiah Abdul Sukor b) ID number of EASTS MY-10-11-0011 c) Affiliation: Universiti Sains Malaysia d) E-mail: cesabahiah[at]eng.usm.my e) Country/Region: Malaysia
5) a) Name: Muhammad Nanang Prayudyanto b) ID number of EASTS id-95-09-0070 c) Affiliation: GIZ (German Development Corporation) Jakarta d) E-mail: nanang[at]sutip.org e) Country/Region: Indonesia
6) a) Name: Ernesto B. Abaya b) ID number of EASTS ph-07-11-0045 c) Affiliation: UP National Center for Transportation Studies d) E-mail: ernie.abaya[at]gmail.com e) Country/Region: Philippines

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<p>3. Name of contact person other than representative: Karl B. N. Vergel</p>
<p>4. Keywords (Maximum: 5 words) alternative fuels and vehicles, road transport, energy, environment, sustainable transport</p>
<p>5. Purpose and Mission of IRG:</p> <ul style="list-style-type: none"> • To review the implementation of alternative fuels and vehicles programs and enabling transport, energy and environment plans, policies and standards and regulations in East Asia; • To document successes and identify lessons in the implementation of alternative fuels and vehicles programs; • To develop guidelines on transportation and economic impact study of alternative fuels and vehicles technologies considering the levels of awareness and capacity of stakeholders on sustainable transport at the national and local levels; • To develop practical and acceptable on-road and laboratory test procedures for the assessment of alternative fuels and vehicles technologies; and, • To review research and development (R&D) trends in the region and identify local requirements.
<p>6. Target year for completion (Research period is suitable within four years.): 2015</p>
<p>7. Research plan: (Oct, 2012 – Sep, 2013) Overview of the status of alternative fuels and vehicles programs, deployment, current policies, standards, regulations and institutions as well as current R&D and technology assessment</p>

(Oct, 2013 - Sep, 2014) Case studies on alternative fuels and vehicles to document lessons learned and success stories at the national and local level

(Oct, 2014 - Sep, 2015) Development of guidelines on transportation and economic impact studies and on-road and laboratory test procedures for the assessment of alternative fuels and vehicles technologies

8. Expected research funds (ex. ICRA (Research grant of EASTS), etc.

- EASTS ICRA Research Grant

Possible supporting resources:

- Alternative Fuels Vehicle Tests and Research Program and Energy Efficiency in Road Transport (On-going project between the Philippine Department of Energy (DOE) and the University of the Philippines Diliman)

Potential supporting resources but not sure:

- Global Environment Facility (GEF) through the Philippine Climate Change Commission

All applications are to be delivered to:

Dr. Tetsuo YAI, Secretary-General
Office of EASTS Secretary General
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