

Local Initiatives for EST in Asian Cities

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(based on Questionnaire Survey)
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ICLEI Local Governments for Sustainability



- ◆ Founded in 1990 at UN
- ◆ International association of local governments
- ◆ Works with local governments through international campaigns and programs
- ◆ Special Consultative Status with the UNESCO and coordinates local government representation in several UN processes related to Agenda 21



Asian Mayors' Policy Dialogue for the Promotion of Environmentally Sustainable Transport in Cities 23-24 April 2007, Kyoto, Japan

Institute for Global Environmental Strategies (IGES)



- ◆ A strategic policy research institute focusing on sustainable development in the Asia-Pacific region, established in 1998
- ◆ In the area of EST...
 - Conducted case studies in Asian cities in collaboration with various institutes in Asia
- ◆ Started new projects and studies in April 2007 including:
 - Sustainable use of biofuels in transport in Asia
 - Co-benefits of GHG mitigation and energy conservation in transportation
 - Promotion of urban/local initiatives for sustainable society



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Policy Measures for EST in Asian Cities

- ◆ The organisers requested the participating cities to provide
 - current policies,
 - achievements and challenges
 - future priorities
 related to EST in the twelve areas specified in the Aichi Statement.
- ◆ This presentation is based on responses received by early April from ten cities



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Currently Introduced Policy Measures (1)



EST area	Currently introduced policy measures
a.Public health	coordination between transport and public health policies, research on the impacts
b.Land-use planning	zoning, density control development, urban centre and sub-centres, mixed land use
c.Env. & people-friendly infra	green road sides, transfer stations between different modes, subway platform screen doors, low floor buses
d. Public transport / TDM	LRT, BRT, "public transport-friendly city" road tax, fuel tax, parking fee, road pricing, car-free campaign

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Currently Introduced Policy Measures (2)



EST area	Currently introduced policy measures
e. NMT	footpaths, cycle ways, car-free ways, community roads
f. Equity and gender	“school zones”, footpaths for disabled, “barrier-free” facilities
g. Road safety	safety helmets, traffic light, Road Safety Council
h. Road side monitoring	road side air quality monitoring, network of monitoring station, data publication

Currently Introduced Policy Measures (3)



EST area	Currently introduced policy measures
i. Traffic noise	monitoring network, draft local ordinances, designation of priority areas
j. Cleaner fuel	lead phase-out, CNG, LPG, feasibility tests and provision of biofuel
k. Vehicle emission	tightening emission standards, regular and on-the-spot inspections, retrofitting and remodeling, early car retirement
l. Awareness/participation	good practice website, dissemination of successes, publicity campaigns, regular meetings with civil society

Lesson-Learning on EST Policies

- ◆ Collected 22 cases from twelve cities (including Curitiba, Bogotá, Quito, Bangkok, Beijing, Shanghai, Singapore, Seoul, Sapporo, Fukuoka)
- ◆ Analysed the lesson-drawing or policy transfer processes among cities



(Matsumoto, King, and Mori (2007) "Policies for Environmentally Sustainable Transport" in Best Practice on Environmental Policy in Asia and the Pacific, *International Review for Environmental Strategies* 7:1)

Finding 1: Lesson-drawing on sustainable transport policies

- ◆ Out of 22 good practices, only three policies were 'authentic' policy innovations.
- ◆ Ten good practices were clearly drawn from the lessons of other cities.



Finding 2: Direction of Lesson-drawing

to from	North	South
North	Car Sharing (Dortmund Fukuoka) Travel Awareness Initiative (Adelaide Sapporo)	Car-Free Days (Europe Bangkok) Emission Standards (Europe Asian cities)
South	BRT (Curitiba Los Angeles) Road Pricing (Singapore* London)	BRT (Curitiba Bogota) Number Plate Bidding (Singapore* Shanghai)

*Introduced before Singapore became a "developed" country (OECD list)

Finding 3: Major actors in Lesson-drawing

- ◆ **Mayors:** Road Pricing in London, BRT in Los Angeles, Bogotá, Seoul, Jakarta and Beijing
- ◆ **City governments:** important in many cases
- ◆ **National Governments:** initiation, implementation, and funding of program
- ◆ **International Organisations:** emission standards and BRT



International Cooperation for EST: ICLEI Cities for Climate Protection Campaign

Participation: 670+ municipalities worldwide
(including 60 municipalities in Asia)

5 milestone methodology:

- 1: Baseline inventory and emissions forecast
- 2: Reduction goal
- 3: Action plan
- 4: Reduction measures and policies
- 5: Monitoring and results



The Results : reducing app. 60 mil- t / year



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The Cities for Climate Protection Campaign in BOGOR (Indonesia)

- ◆ Emission details of Transportation
 - Corporate** emissions 67.63%
 - Community** emissions 23.61%
- ◆ Reduction GHG emissions by
 - 1 Inspection and maintenance
 - 2 Age limiting
 - 3 Adding sub-terminals
 - 4 Relocating
 - 5 Rerouting
 - 6 Mass transportation mode
 - 7 Proposing school buses



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The World Mayors Council on Climate Change

New initiative Established in Dec.2005 in Montreal

- International cooperation
- Political voices
- Leadership



Second Assembly Held at Kyoto in Feb.2007

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WMCCC



WMCCC Chair Lady Mayor
Bärbel Dieckmann (Bonn)

Chair said - Local government leaders

- ◆ Demonstrating awareness, analysis and action
- ◆ Want to influence negotiations and raise our voice in policy debates

Decision

Sending representatives to **Key Events**

- **UNCSD15**
- **UNFCCC-COP13, COP/MOP3**
(Bali: December)

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Maximising Benefits and Overcoming Challenges of Local Initiatives

Benefits

- ◆ Quick & effective response to citizens' needs
- ◆ Attractive to business and investors

Challenges

- ◆ Lack of knowledge and resources
- ◆ Support of public and policy makers
- ◆ Relations with national government

Through lesson learning and international cooperation:

“Local Action Moves the World”



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Thank you!

For more information:

<http://www.iclei.org>

<http://www.iges.or.jp>



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