Comments on “The Future of LAMAT in Asia” -from the viewpoints of JICA’s cooperation -

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Background (1)

- **Rapid increase of population in Asian cities**
- **LAMAT jobs are less entry limitation**

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**Largest 10 Year Historical Growth Rates**

**WORLD METROPOLITAN REGIONS**

<table>
<thead>
<tr>
<th>City</th>
<th>Period</th>
<th>Population Change in Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beijing</td>
<td>2000-2010</td>
<td>6</td>
</tr>
<tr>
<td>Delhi</td>
<td>2001-2011</td>
<td>6</td>
</tr>
<tr>
<td>Jakarta</td>
<td>2000-2010</td>
<td>7</td>
</tr>
<tr>
<td>Karachi</td>
<td>1996-2011</td>
<td>9</td>
</tr>
<tr>
<td>Manila</td>
<td>2000-2010</td>
<td>5</td>
</tr>
<tr>
<td>Mumbai</td>
<td>1991-2001</td>
<td>5</td>
</tr>
<tr>
<td>Shanghai</td>
<td>2000-2010</td>
<td>5</td>
</tr>
<tr>
<td>Shenzhen</td>
<td>1990-2000</td>
<td>4</td>
</tr>
<tr>
<td>Tokyo</td>
<td>1960-1970</td>
<td>3</td>
</tr>
</tbody>
</table>

**Adjusted to 10 Year Rate**

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[Jakarta, Indonesia](http://www.newgeography.com/content/002940-pakistan-where-population-bomb-exploding)
Background (2)

- Many railway projects are under construction and/or are consideration in Asian cities.
- However, less people get direct benefit from such projects if less consideration of access/egress.
Summary of presentation

- Make definition of “LAMAT”
- Review of present situation with 2.7 mill. trips in 11 Asian cities.
- Analysis perspective of future LAMAT from the viewpoints of 4 aspects
- Taking into consideration of innovation (IC ticket, App, e-vehicle etc)

→ LAMAT should be sustained for a certain time!
Phnom Penh at a glance

- GDP/cap: $1,230 (2012) → $7,053 (2035)
- Newly registered vehicle in past 5 years: 1.4 million
- Public bus: 5 route → 10 route
- LAMAT: Motodop, Cycro, Motorumok etc
Phnom Penh at a glance

Phnom Penh in 2000

http://www.rontravel.com/travel_photo_pages/Pictures_Cambodia_South_Happy_Cannibal.htm

Phnom Penh in 2014
JICA’s approach

- Master plan in 2001, 2014
- Public bus trial in 2001, 2014
- Enforcement of citizens
- Controlled traffic light systems to be installed
- Support Phnom Penh Public Bus with 80 bus vehicles to be provided
- AGT as trunk public transport system in mid-long term
2014 Masterplan
AGT and role of LAMAT

Modal share of LAMAT will be 11.4% in 2035, while it is 13.4% in 2012.

- “As one of feeder level transport, para-transit (LAMAT) still plays vital role”
- Para-transit (LAMAT) services are entitled to growing concern for its support of the informal economy.

AGT is estimated to carry 75,000/day in 2035.