Challenges, Achievement, and Lesson Learned
From The Replicable Project
in Chiang Rai Municipality, Thailand

By
Ms. Suranid Ongla, Municipal Clerk, Chiang Rai Municipality, Thailand
Chiang Rai is one of 76 provinces in Thailand. Chiang Rai Municipality is one of 2,018 Municipalities in Thailand. And we are one of 23 large scale municipalities.

Municipal Area: 60 Sq.Kms
Population: 70,000

Pakkret
Municipal Area: 36 Sq.Kms
Population: 200,000
Characteristics of Chiang Rai City

- Located at the border of 3 countries: Thailand, Lao PDR and Myanmar
- Our city is as an economic gate of GMS and ASEAN
- Enrich of nature
- Diversity of 30 ethnic groups
- Charming Identity of Lanna Cultural city

Migration of Alien Labors

Top five tourist destination of Thailand

Economic bloom

Difference of Living Style

Produce Solid Waste 80 tons per day
Or 1.14 Kilograms per capita
Types of solid waste at Landfill site of Chiang Rai Municipality

- **Organic waste**: 44.00
- **Plastic**: 40.33
- Other categories:
  - Paper: 1.33
  - Textiles: 2.00
  - Wood: 0.67
  - Leather: 1.5
  - Glass: 40.33
  - Other: 44.00
Challenges of Solid Waste Management of Chiang Rai Municipality and other LGs in Thailand

- Even our city has been doing well of SWM, but solid waste left over is common problem due to poor management of some LGs nearby
- Fiscal budget of each LGs can not be spent on any public services out of our boundary

But Pollution has no boundary!
That was the reason why we preferred to learn and replicate “The Cooperation between LGs to Address share Needs of KARTAMANTUL REGENCY, INDONESIA”
Learning from KARTAMALTUL

Replicable Project

Cooperation of Local Government Organizations on Joint Waste Management of Chiang Rai City"
Chiang Rai Municipality invited 20 LGs nearby for kick off meeting and 19 LGs signing MoU for action on SWM at source.
10 from 19 LGs start initiatives of Solid Waste Reduction at source
Organic waste from tree leaves and branches has been collected separately for composting.
Environmental Friendly Temple Program
Community Composting Group for Income Generation
Supported by Chiang Rai Municipality
Recyclable waste and used cooking oil exchange to eggs Campaign, mobile service into schools and communities.
Community Training on promotion compost from organic waste for urban sufficiency agriculture
Training Municipal Staffs on creation of Recyclable waste into New green products for grassroots income generation
Let’s make merit by donation recyclable waste from communities to temples
From Used Paper to Art Recyclable Paper
Hazardous waste collection boxes
The Challenges which occurred during the implementation and the replicable process

1. Change of Mayor, change policies
2. Change staffs, project stop
3. No (extra) money, no work
Project outputs/outcomes

• There were 19 LGs nearby Chiang Rai Municipality signed MoU on better SWM
• More than 30 organizations/CSOs participated this network
• More than 10 new initiatives on SWM at source among 19 LGs
• Chiang Rai Municipality got 2 awards on Good Governance
  1st: King Prachadhippok Institute Award (KPI Award) in Year 2012 and 2013 in term of Building Network among Public-Private-Civil Society Partnership
  2nd: Good Governance Award from Department of Local Administration and Office of Decentralization to LGs on Environmental Governance in 2013
## Project Impacts in term of Sustainable Development

<table>
<thead>
<tr>
<th>Economic Aspect</th>
<th>Social Aspect</th>
<th>Environmental Aspect</th>
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</thead>
<tbody>
<tr>
<td>• Municipality can reduce budget on SW disposal</td>
<td>• Unity on urban development among LGs in Chiang Rai</td>
<td>• Increasing Environmental Awareness among citizen and municipal staffs</td>
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<td>• Clean city attract more tourist</td>
<td>• More social reconciliation</td>
<td>• More SW generation but under control of municipality</td>
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<td>• Income generation in grassroots and city level</td>
<td>• Strong stakeholder networking</td>
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Lesson Learned from this project are:

Local Government can not work alone.

Awareness and Participation are the most key successful factors.
Our future is in our hand
Let’s make your city for
Better environmentally sustainable city