Project for support the role model of ASEAN Environmentally Sustainable Cities (ASEAN ESC MODEL CITIES)
Phanat Nikom Municipality

Date: 8 - 10 Feb. 2015
Thistle Johor Bahru
Iskandar Malaysia, Malaysia
Clean & Green Land
Waste Management

Waste segregation project

1. By local people

2. By municipal school

3. By Department of Public Health and Environment, Phanat Nikom Municipality
Waste Management
Clean & Green Land

Waste Management
Waste Management
Recycled waste buying activity

The Municipality buys recycled waste that were segregated

<table>
<thead>
<tr>
<th>รหัสบริการ</th>
<th>ชื่อบริการ</th>
<th>ราคารายหน่วย (บาท.)</th>
<th>หมายเหตุ</th>
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<tbody>
<tr>
<td>1</td>
<td>ร่างย้อย</td>
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<td>2</td>
<td>ข้าวต้ม</td>
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<td>แก้วน้ำ</td>
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<td>5</td>
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<td>ผักสด</td>
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Recycled waste buying activity

The Municipality buys recycled waste that were segregated
Recycled waste buying activity

The Municipality buys recycled waste that were segregated
Meeting on collaboration in degradable plastic using
Cotton bag campaign
Eco-friendly products making from organic waste
Community’s eco-friendly products
Waste Segregation Activity by students of Phanat Nikom Municipal School
Waste Segregation Activity
by Department of Public Health and Environment, Phanat Nikom Municipality
Green areas in Phanat Nikom Municipality
Total green area in Phanat Nikom Municipality is 91,012 km$^2$ or 7.43 m$^2$/person

Standard criteria of Ministry of Natural Resource and Environment of Thailand is 5 m$^2$/person

Standard criteria of World Health Organization (WHO) is 9 m$^2$/person
Tree registration

Together We Can
969 trees (66 species) were measured.

1. Tree circumference measuring

Tree circumference measuring at 1.3 m height from ground level for any trees that have circumference 14 cm up
2. Height of tree measuring

- Measured with Clinometer on a little distance between observer and tree
- Watch the tree canopy through Clinometer
- Calculate value by equation and degree that Clinometer made angles with the tree before multiply the value with the distance between observer and tree
- Plus the value with 1.5 m and then we will know height of the tree
Tree registration by community
Details of registered tree

Detail of tree no. 107:
- Tree species
- Tree diameter and height
- Tree location