

# **Solid Waste and Hazardous Waste Management for Samutsongkhram Municipality**



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**Samut Songkhram is the  
smallest province in Thailand**

**Near Gulf of Thailand**

**the natural resource are  
abundantly**

**We call “Maeklong”**

**Samut Songkhram municipality is 1  
of 33 local government**

**populations 28,362 (Data Date :  
September 2015)**

# Solid Waste

A yellow excavator is shown in the middle ground, working on a large, dark pile of solid waste. The background shows a vast landscape of garbage under a clear sky. A person is visible standing on the waste pile near the excavator.

**2013 Solid waste in  
Thailand 73,355 tons/day  
Or 26.77 million  
tons/year**

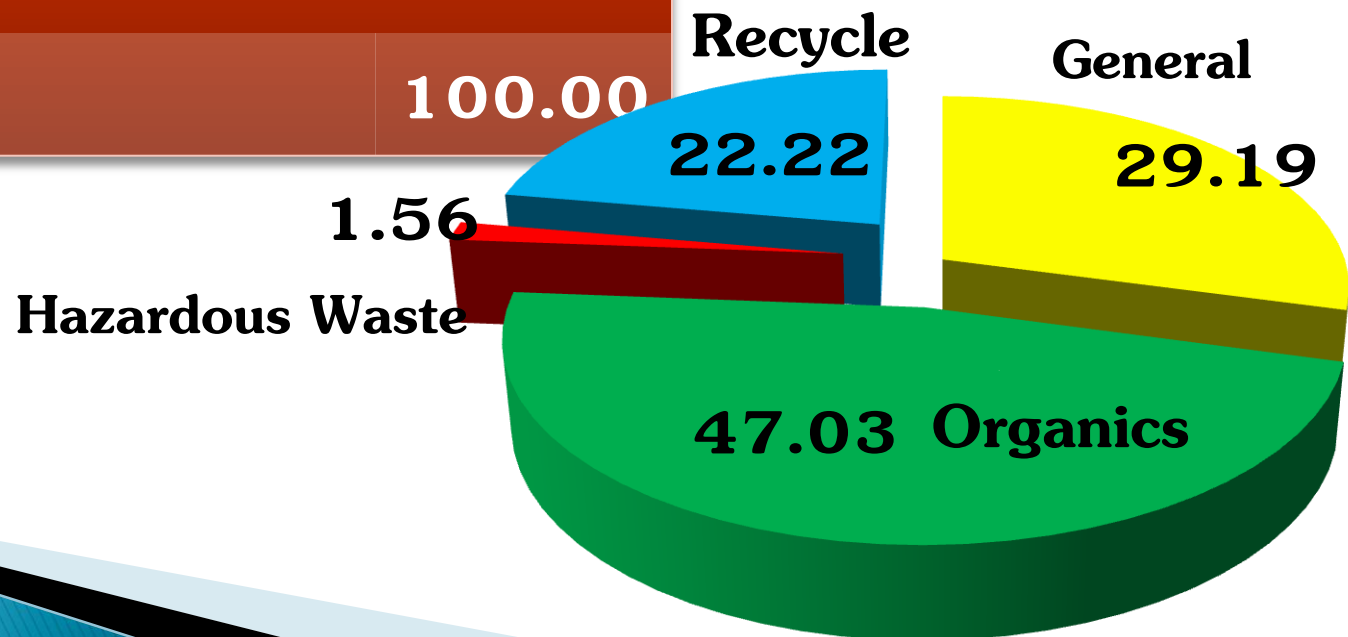
**1 people produce solid  
waste 1.15 kg./day**

**Solid waste in Maeklong  
31 tons/day**

**The cost for solid waste management 20+ MB./year**

## ► Componential analysis of solid waste

type	%
General waste	29.19
Organics waste	47.03
Hazardous waste	1.56
Recycle waste	22.22
Total	100.00



# 2015

**GEN.Prayut Janocha Prime minister of Thailand prefer solid waste and hazardous waste management**

- Declared a national agenda**
- Specify ..Road Map..**
- Specify..3R..**
- Specify ..1 province 1 local government model solid waste and hazardous waste management**
- Samutsongkhram municipality elect as model solid waste and hazardous waste management**



**สัมมนาเสริมสร้างวินัยคนในชาติ มุ่งสู่การจัดการขยะที่  
เปลี่ยนขยะให้เป็นผลประโยชน์ของประชาชน  
1 จังหวัด 1 องค์กรปกครองส่วนท้องถิ่นต้นแบบ**

จัดโดย กรมส่งเสริมคุณภาพสิ่งแวดล้อม กระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม  
วันจันทร์ที่ 20 เมษายน 2558  
ณ โรงแรมมิราเคิล แกรนด์ กรุงเทพมหานคร



# ❖ Grand Opening on 15<sup>th</sup> June 2015



# Observe activities : “Recycle Bank”





# Traning : Make dish soap from sloe fruit for use in household



# ❖ Recycle waste change egg





# ❖ Hazardous waste change score and collect score to change foodstuff



# ❖ Use organic waste to EM.



# Value Added recycle waste



Bag



Basket



Cap



Tissue Box





# To get support from local government

❖ conference in Local Agenda 21 every year



❖ to promote activities  
❖ the budget for action in community





# The problem about 3R

- Population indiscipline
- Way of life : convenient but encourage to produce solid waste such as Foam Plastic with residual in environment long times
- The public awareness must be long times
- The garbage collection system is combine system
- The activities must be continuous
- An executive must be prefer solid waste management
- The promotion must be continuous and cover

# The Strength

- Conection : We have volunteer in community environment**
- Declared a national agenda**
- The Prime minister of Thailand prefer solid waste and hazardous waste management**
- Teamwork**
- Continuous : Action and Promotion**

# Next Step..To “Solid Waste Management Learning Center”

- Reduce : Action and Promotion
- Reuse : Value added recycle waste
- Recycle : recycle waste to change egg and foodstuff
- Collection Hazardous waste
- To build Solid Waste Management Learning Center by campaign for people donate recycle waste which we will to have on 4<sup>th</sup> December 2015 “ Environmental’s Day for Thailand ”

