

**UNEP Global Mercury Partnership  
2nd Waste Management Partnership Area  
Meeting**

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**Activities under the UNEP Mercury  
Waste Management Project in  
Cambodia**

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# Background

1. Previous Project: Mercury Inventory Project
2. Ongoing Project:
  - The Management of mercury and mercury-containing Waste Project
  - Artisinal small scale gold mining
3. Challenges



# 1. Previous Project: Mercury Inventory Project

- ❖ *In 2007 to 2008, UNEP supported fund for Mercury Inventory project to five countries such as Cambodia, Pakistan, Philippines, Syria and Yemen.*
- ❖ *Cambodia conducted Mercury Inventory in starting from 2007 and finished 2008. Based on the result of inventory report in 2008 shown as following:*

No	Categories of Mercury Release	Result kg/y In Max
1	<i>Extraction and use of fuels/energy sources</i>	119,511
2	<i>Primary metal production - small scale gold mining (third)</i>	1182
3	<i>Production of other minerals and materials with mercury impurities</i>	0.013
4	<i>Intentional use of mercury in industrial processes</i>	-
5	<i>Consumer products with intentional use of mercury ( first)</i>	8485.362
6	<i>Other intentional products/process uses</i>	163.019
7	<i>Production of recycled metals</i>	-
8	<i>Waste incineration</i>	67.329
9	<i>Waste deposition/landfilling and waste water treatment ( second)</i>	4665.56
10	<i>Crematoria and cemeteries</i>	162.384
11	<i>Identification of potential hot-spots</i>	-
	<i>Total</i>	<b>14845.178</b>



# 1. Previous Project: Mercury Inventory Project Cont...

- ❖ *Moreover, we ready developed National Plan for the management of mercury release.*
- ❖ *The priority of Action Plan were focused on:*
  - Develop guidelines/regulations for major source emissions of mercury
  - Strengthen capacity for Cambodia mercury technical team
  - Comprehensive inventory on mercury
  - Mercury emissions reductions
  - Mercury waste management approaches
  - Education, awareness and communication best practices
  - Mercury monitoring
  - Mercury research programs



## 2. Ongoing Project

1. The Management of mercury and mercury-containing Waste Project: This project is funded by Norwegian Government through UNEP to five countries: Burkina Faso, Cambodia, Chile, Pakistan and Philippines.
  - This project started from May 2009 and will finish June 2010.
  - Activities are doing is developed National Action for the management of mercury and mercury-containing waste and guideline on Environmental sound management of mercury and mercury-containing waste:
  - Priorities of Cambodia will be focused on:
    - ☞ Mercury management in operations and products
    - ☞ Mercury waste management approaches
    - ☞ Research, monitoring, modeling, assessment and inventories
    - ☞ Communication activities
    - ☞ Implementation and compliance
  - Guideline is still under processing for development and hope to finished the first draft in next month.



## 2. Ongoing Project cont..

2. Artisanal Small Scale Gold Mining Project: funded by SAICM Quick Start Fund through UNEP to two countries: Cambodia and Philippines.

- started from early 2010 and will finish end of 2010.
- Activities will be developed the National Multi-Stakeholder Strategy Plan on Mercury Management in Artisanal Small Scale Gold Mining.



## 4. Challenges

### Challenges that may face for the management of mercury and mercury-containing waste are:

- ❖ There is very limited waste separation practices,
- ❖ The society is willing to use disposable products rather than conventional one,
- ❖ Second hand equipment i.e. electronic and electric devices would regards as the main hazardous wastes due to measure to prevent the import/export of those equipment, even the Basel Convention have not any effect on it,
- ❖ People has limited knowledge on mercury or mercury containing waste and their participation also associate inactively with mercury-containing waste management or programme,
- ❖ Capacity building staff is limited,
- ❖ Dissemination and public awareness on mercury issues is still not done in national level,
- ❖ Technical and financial operation is limited and need support from international donors.



***Thank you  
for your  
kind  
attention!***

