



CBA2010-01CMY-Sang-Arun

**Promoting sustainable use of  
waste biomass in Cambodia,  
Lao PDR and Thailand:  
Combing food security, bio-energy and  
climate protection benefits**

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# Funding

- 2 years program (2009-2010) with APN's funding of 30,000 USD per year
- Additional funding from MOEJ to scaling-up national capacity building workshops and publications
- Co-funding from Pollution Control Department of Thailand on capacity building workshop in Thailand
- In-kind contribution from country's collaborators:
  - *Cambodian Education and Waste Management Organization (COMPED)*
  - *Faculty of Engineering, National University of Laos (NUOL)*
  - *Sirindhorn International Institute of Technology (SIIT), Thailand*

## Activities

- Surveyed the current status of municipal solid waste management and organic waste utilization in Cambodia, Lao PDR and Thailand
- Developed national guides for each country to promote urban organic waste utilization for food production, energy use, and climate change mitigation
- Translated the national guides into local language: Khmer, Laotian, Thai
- Conducted national capacity building workshops for local governments in each country: Cambodia, Lao PDR, Thailand
- Revised and published national guides for public's references

# National capacity building workshop in Cambodia: Approx. 70 participants



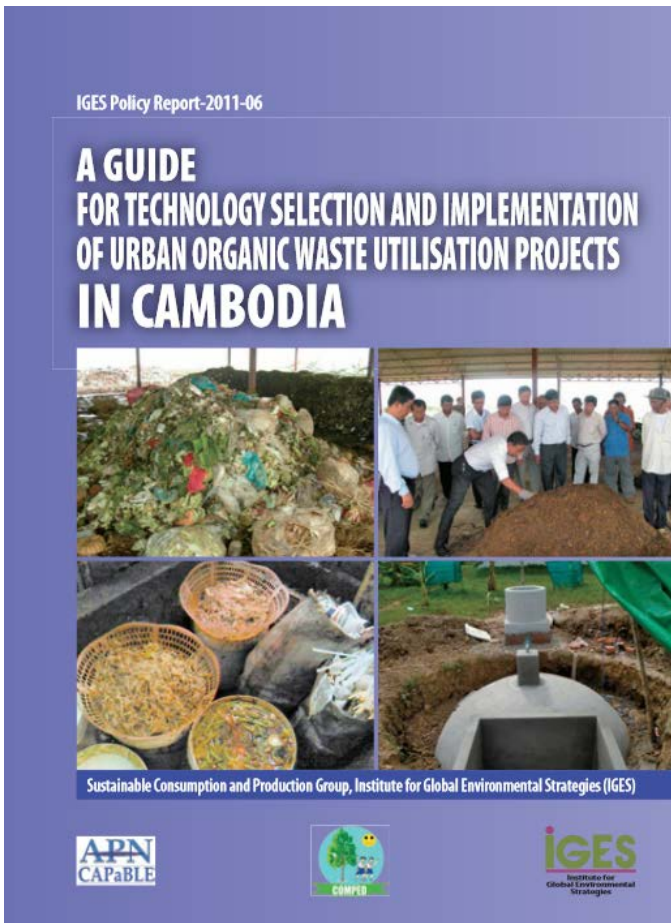
# National capacity building workshop in Lao PDR: Approx. 60 participants



## National capacity building workshops in Thailand: About 100 participants



# Publications: Cambodia



របាយការណ៍គោលនយោបាយ IGES-២០១១-០៦

### មគ្គុទ្ទេសក៍

សម្រាប់ជាជំនួយស្នូលក្នុងការធ្វើសេចក្តីសម្រេចចិត្ត  
 ជ្រើសរើស និងអនុវត្តគម្រោងប្រើប្រាស់សំណល់សរីរាង្គ  
 នៅក្រុងភ្នំពេញ

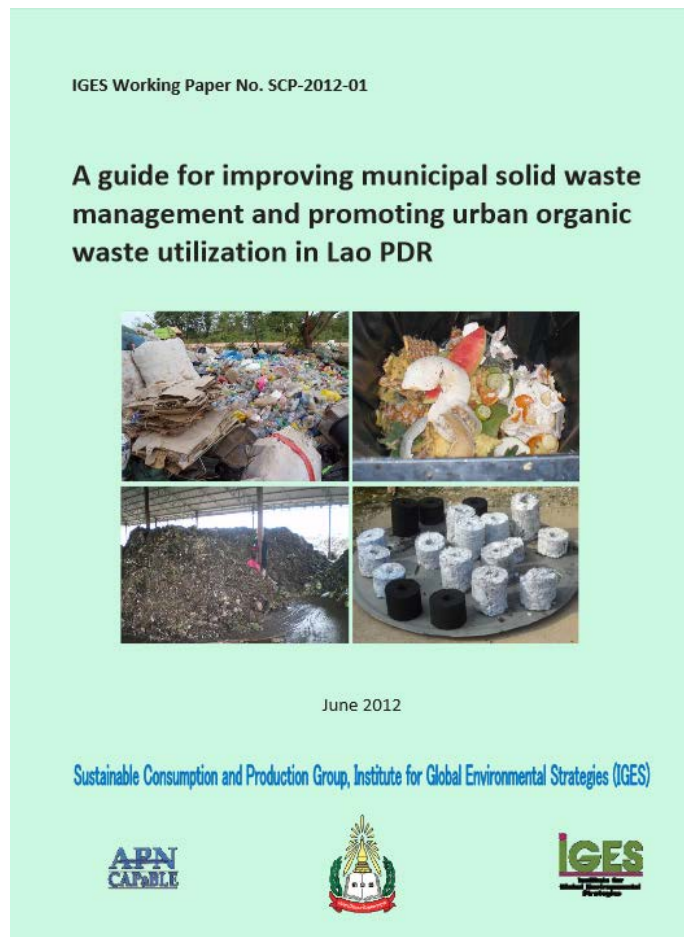


Sustainable Consumption and Production Group, Institute for Global Environmental Strategies (IGES)

<http://pub.iges.or.jp/modules/envirolib/view.php?docid=3541>

<http://pub.iges.or.jp/modules/envirolib/view.php?docid=3745>

# Publications: Lao PDR



<http://pub.iges.or.jp/modules/envirolib/view.php?docid=4132>



# Publications: Thailand

IGES Policy Report 2012-02

## A Guide for Sustainable Urban Organic Waste Management in Thailand:

Combining Food, Energy, and Climate Co-Benefits

Sustainable Consumption and Production Group, Institute for Global Environmental Strategies (IGES)

IGES Policy Report-2012-02

แนวทางการจัดการขยะอินทรีย์ในครัวเรือน  
อย่างยั่งยืนในประเทศไทย:  
เพื่อผลประโยชน์ร่วมเชิงอาหาร พลังงานและสภาพภูมิอากาศ

Sustainable Consumption and Production Group  
Institute for Global Environmental Strategies (IGES)

<http://pub.iges.or.jp/modules/envirolib/view.php?docid=4130>

<http://pub.iges.or.jp/modules/envirolib/view.php?docid=4131>

## Local's government feedbacks after training

- Local governments can understand linkage of waste management and climate change and would like to implement organic waste utilization project in their cities.
- Local governments choose composting as the most appropriate technology for their cities.
- Local governments request to have similar workshop in annual basis to share information on this issue and to disseminate their activities.
- Some local governments request to have more practical training on the field such as analysing waste composition, doing composting, etc.
- Some local governments want supports for pilot project implementation in their cities.
- National governments of Cambodia and Lao PDR are very much appreciated about the guides.

## Continue funding from other sources

- Pilot project implementation in Battambang City, Cambodia (2012-2013) and Phitsanulok Municipality, Thailand, funded by MOEJ (2013)
- Exhibition of pilot project and training on GHG calculation tool at national level in Cambodia and Thailand, funded by MOEJ (2013)
- Invitation of representatives from Lao PDR and Myanmar to attend the exhibition and training event in Cambodia, funded by MOEJ (2013)

**Thank you very much for your attention**

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**for further information, progress and publications.**