

**Replication of Waste Concern's Composting Model in Vietnam & Sri Lanka
&
Regional Seminar & Study Visit on Community-based Solid Waste Management**

15-16 December 2007
Quy Nhon City, Vietnam



United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) in partnership with the United Cities and Local Governments, Asia-Pacific Section (UCLG-ASPAC), People's Committee of Quy Nhon City, Environment and Development in Action (ENDA) organized a 2 (two)-day long seminar-cum-study visit in Quy Nhon City, Vietnam on community based solid waste management. Mayors, experts and officials both from government and non-government sector involved in the field of waste management sector from Australia, Bangladesh, Cambodia, Germany, India, Indonesia, The Netherlands, Nepal, Pakistan, Sri Lanka, China, Philippines, Thailand and Asian Institute of Technology (AIT) participated in this event. Mr. A. H. Md. Maqsood Sinha and Mr. Iftekhar Enayetullah, co-founders of Waste Concern were invited as resource speakers in this regional seminar. The major objectives of the workshop are to:

1. Share the experience of two ESCAP initiated pilot projects (replication of Waste Concern's model of managing waste) in Matale in Sri Lanka and Quy Nhon in Vietnam, on decentralized community-based solid waste management with policy makers from small and medium sized cities and towns in Asia.
2. Discuss using Clean Development Mechanisms (carbon trading) to finance up-scaling of this approach in particular and solid waste management in general;

The opening ceremony was addressed by Mr. Bang Anh Tuan, Program Manager of enda, Vietnam, Mr. Peter Woods, Secretary General of UCLG-ASPAC and Mr. Thai Ngoc Bich, Standing Vice Chairman of the People's Committee of Quy Nhon City. On the first day Mr. Adnan Hamid Aliani, Economic Affairs Officer of UNESCAP presented an overview paper. Mr. K. A. Jayaratne, President of SEVANATHA gave presentation about the community based compost project in Matale City, Sri Lanka. After the SEVANATHA presentation Mr. Nguyen Van Dung, Vice Chairman, Quy Nhon City Peoples Committee spoke on the topic.

On the second day participants visited the community based compost plant located at Nhon phu Ward of Binh Dinh Province of Quy Nhon City. The plant established under technology transfer from Waste Concern supported by UNESCAP started its composting operation since 4th April 2007 and this plant can process three tons of organic waste every day. This compost plant is a replication of Waste Concern's model of managing waste in Bangladesh. Participants also visited a large mechanical compost plant located at Quy Nhon's main landfill site.



Photo 1, 2 & 3: 3 (three) ton/day capacity community based compost plant located at located at Nhon phu Ward of Binh Dinh Province of Quy Nhon City, Vietnam. Photo 4: Compost plant managers explaining the operation of compost plant to the international participants.

After the site visit two papers were presented in the seminar. Mr. A. H. Md. Maqsood Sinha and Mr. Iftexhar Enayetullah, co-founders of Waste Concern presented a paper on up-scaling community-based approaches using Clean Development Mechanism (CDM) and VER financing. They showed how CDM as well as VER financing can make a composting project more attractive to an investor and help municipal bodies to solve their own waste problem without spending extra money. They presented how aerobic composting can mitigate green house gas emission from the atmosphere. It may be noted that for the first time globally Waste Concern in partnership with World Wide Recycling b.v of the Netherlands developed the methodology (AM 0025) for accounting emission reduction from aerobic composting which is approved by the Meth Panel of UNFCCC. This concept helped other participating countries to fully understand the benefit of CDM and VER finance and countries like Cambodia, China, and Thailand showed interest to replicate Waste Concern's model of managing waste in small and medium towns of their respective countries. Finally a case study from Ho Chi Minh City on CDM financing of landfill gas to electricity generation project was presented by Ms. Vu Thi Linh, Environment Resources Department of Ho Chi Minh City. As follow up activity of this project, Waste Concern is planning to provide assistance to aforementioned cities to scale-up community based composting projects using carbon financing.