

Resource Recovery and Safe Reuse Stakeholder Workshop

Date, Time & Venue

Date: Thursday 4th December 2014

Time: 8:30 to 17:00 hours

Venue: Hanoi Hotel, D8 Giang Vo Str., Ba Dinh, Hanoi

Objectives

This 1-day workshop is organised as part of the Swiss Agency for Development and Co-operation (SDC) funded collaborative Resource Recovery and Safe Reuse (RRR) Project.

RRR-Project results to be presented and put up for discussion:

- A catalogue of RRR Business Cases and a set of generic RRR Business Models for safe resource recovery and reuse of solid and liquid waste streams.
- City specific feasibility studies for the implementation of various RRR Business Models at scale.
- Results obtained from testing the SSPs applicability, adaptability and comprehensiveness in real-world settings.
- The Specific Topic Entry Page (STEP) *Business Development in Resource Recovery and Safe Reuse* (STEP RRR Business Development) as the central resource platform for all educational and training material developed.
- The RRR Business Development Training for Entrepreneurs and Trainers.

Tentative Agenda

Time	Topic	Lead
08:00 - 08:30	Arrival at Venue & Registration	
Session A		Chair: ??? Rapporteur: ???
08:30 - 08:45	Welcome Address & Official Opening	Vice Dean of the HSPH
08:45 - 09:00	The RRR-Project in a Nutshell	IWMI
09:00 - 09:15	RRR Business Cases & Generic Business Models	IWMI
09:15 - 10:45	RRR Feasibility Study Results	
	Waste Supply & Availability (30' incl. Q&A)	Eawag/Local Partners
	Technical & Environmental Aspects (15' incl. Q&A)	Eawag/Local Partners
	Health Aspects (45' incl. Q&A)	Swiss TPH
10:45 - 11:00	Coffee Break	
Session B		Chair: ??? Rapporteur: ???
11:00 - 12:00	RRR Feasibility Study Results (contd.)	
	Market Analysis & Financial Aspects (30' incl. Q&A)	IWMI/Local Partners
	Institutional & Socio-Economic Analysis (30' incl. Q&A)	IWMI/Local Partners
12:00 - 12:30	Discussion	All
12:30 - 14:00	Lunch Break & Group Photo	
Session C		Chair: ??? Rapporteur: ???
14:00 - 14:30	Key Lessons from other Cities (5 min. each partner)	IWMI/Eawag/Swiss TPH
14:30 - 15:00	Business Development - RRR Trainings & STEP RRR	CEWAS
15:00 - 15:30	Discussion	All
15:30 - 16:00	Coffee Break	
Session D		Chair: ??? Rapporteur: ???
16:00 - 16:45	Round Table Discussion: How to Take-up the Results for Implementations	Moderator: Pham Duc Phuc
16:45 - 17:00	Concluding Remarks	Dr. Pham Duc Phuc

Background & Context

Recovery of water, nutrients and energy is a very high priority, as half the world's population is predicted to live in water stressed areas by 2025, and agricultural resources are also being depleted. This scenario is further aggravated by the frequently inadequate management of liquid and solid wastes in urban and peri-urban areas of low- and middle-income countries, which leads to the untreated disposal of waste streams, and associated subsequent human and environmental health risks.

The overall goal of the Swiss Agency for Development and Cooperation (SDC, <http://www.sdc.admin.ch/>) funded collaborative *RRR Project* is to support large-scale implementation of resource recovery models from liquid and solid waste streams in Africa, Asia and Latin America to promote food and energy security, cost recovery in the water, sanitation and resource management sector, and livelihood opportunities, while safeguarding human and environmental health in urban and peri-urban areas of low- and middle-income countries. This translates into the following two key objectives:

1. To increase the scale and viability of productive reuse of water, nutrients, organic matter and energy from domestic and agro-industrial waste streams through the analysis, promotion and implementation of economically viable business models.
2. To safeguard public health in the context of rapidly expanding use of wastewater, excreta and greywater in agriculture and aquaculture and protect vulnerable groups from specific health risks associated with this pattern of agricultural development.

Contact/Info:

Dr. Pham Duc Phuc
Center for Public Health and Ecosystem Research (CENPHER)
Hanoi School of Public Health (HSPH)
T: +84-(0)4-26733162
F: +84-(0)4-26733172
M: +84-(0)904049969
E: pdp@hsph.edu.vn
E: phucnihe@gmail.com
W: <http://cenpher.hsph.edu.vn>