Promotion of Environmental Education in Primary School Education

Ran Yagasa
Policy Researcher, IGES Centre Collaborating with
UNEP on Environmental Technologies (CCET)





CCET

IGES Centre Collaborating with UNEP on Environmental Technologies



Ministry of Environment

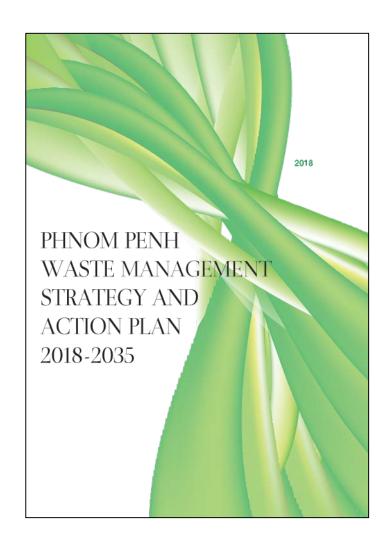
Since 2015



Phnom Penh Capital Administration



Awaiting final approval



Approved August 2018

Pilot Project for Promoting Environmental Education

IGES-CCET



Department of Education

PPCA
Waste Mgt. Division

Schools Representatives and Teachers of Model Schools

Waste Management Problems



Waste Management Problems





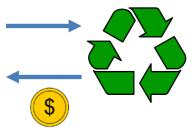




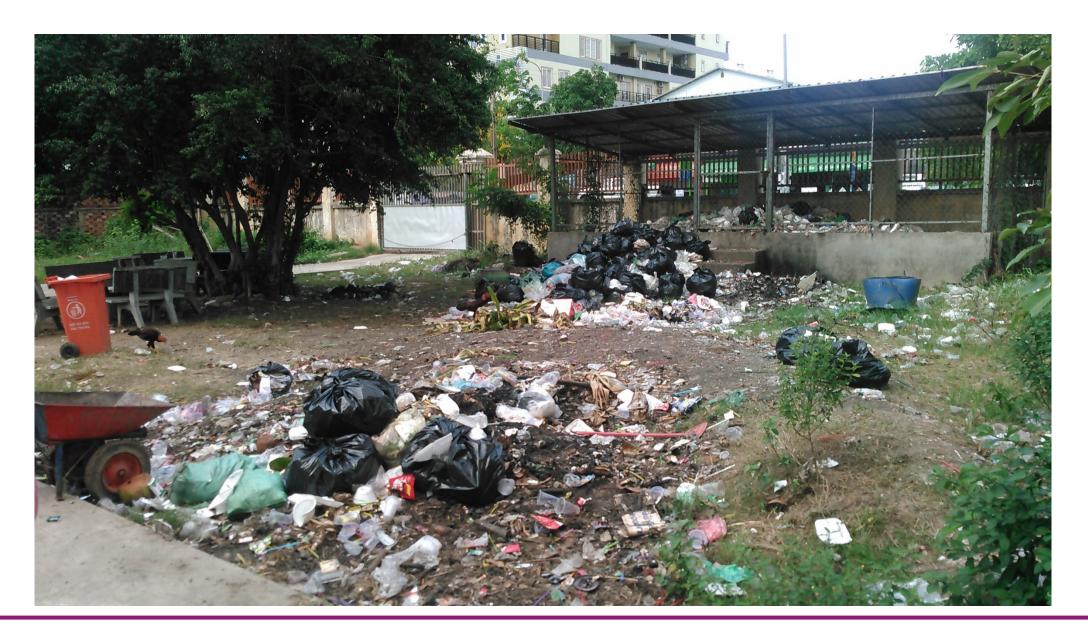




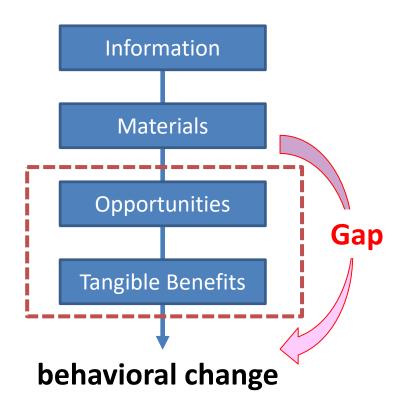




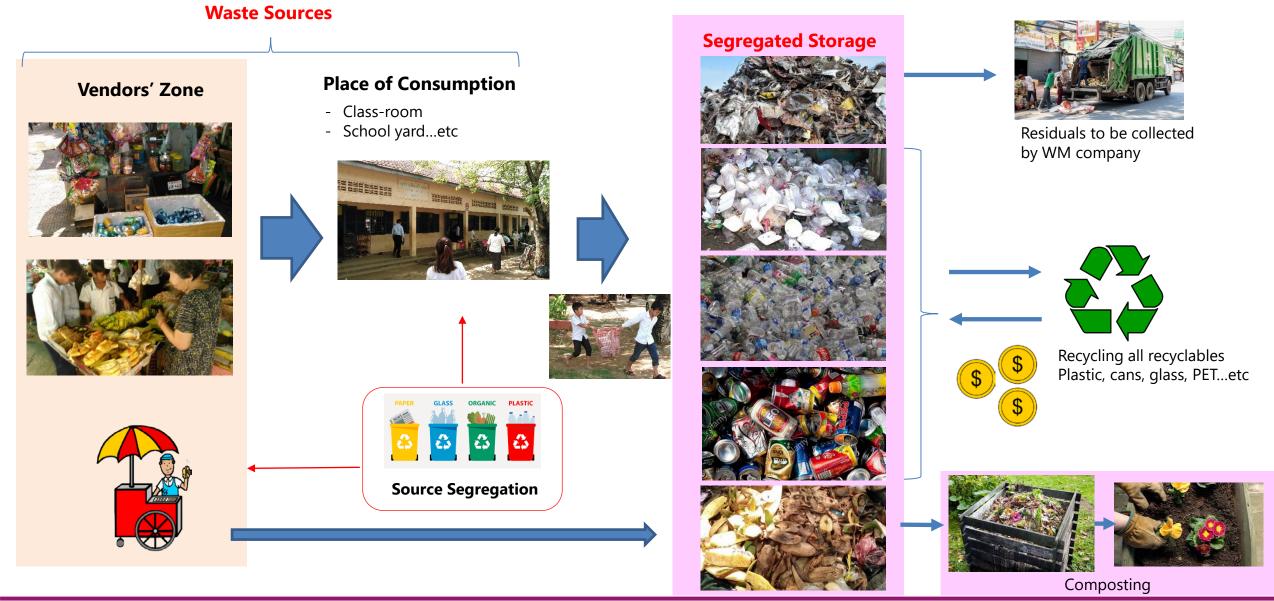




Behavioral Change



Project Activities for Promoting 3R in the frame of Eco-School Program



Preliminary Survey

SAMPLE SURVEY FOR STUDENTS

1. General Information of the respondent

+

1€	Name of School₽	+		٦
2₽	Grade - Class₽	4		٦
3₽	Gender₽	Male ₽	Female@	ته
4₽	Age₽	₽		٦
5₽	Street of Your Residence	₽		٦

ų.

2. Understanding on Waste Separation and 3R

14	Do you know what will happen to the waste after you put into the waste bins?		
	1.Yes₊³	2.No+2	
	If "yes", please describe what will happen:⊌		
	₽		

Waste Audit



Pilot Project for Promoting Environmental Education

Aim:

- 1. Promotion of Environmental Education
- 2. Address real waste management problem in schools

Activities:

- Development of material for environmental education
- Development of Guiding Tool for Teachers (waste audit, segregation, composting)
- Participatory waste audit
- ☐ Initiating source segregation
- ☐ Initiating composting

Project Activities for Promoting 3R in the frame of Eco-School Program







Introducing source segregation







Segregated





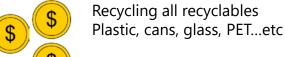




Residuals to be collected by WM company









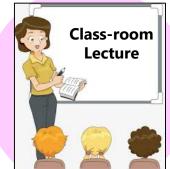




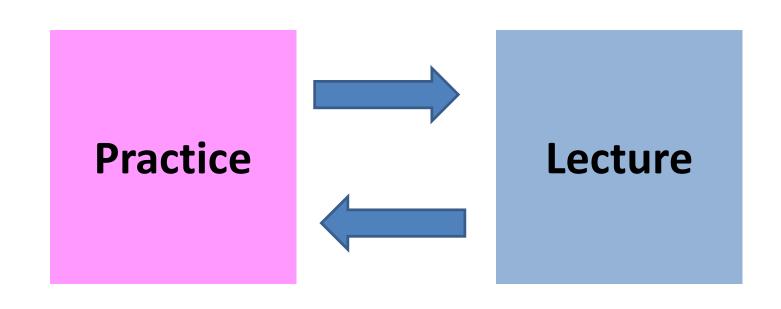
Composting



Source Segregation



Development of educational material for promoting 3R



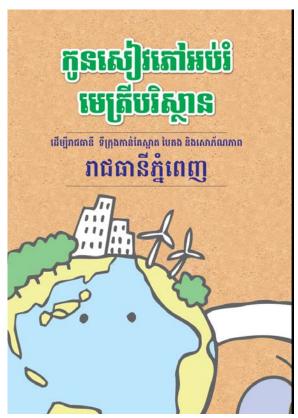
Workshop on Env. Edu.



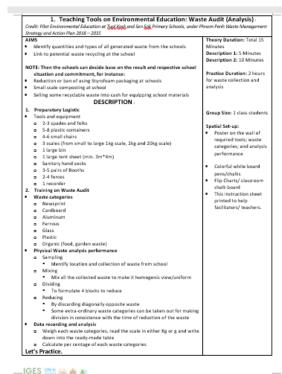


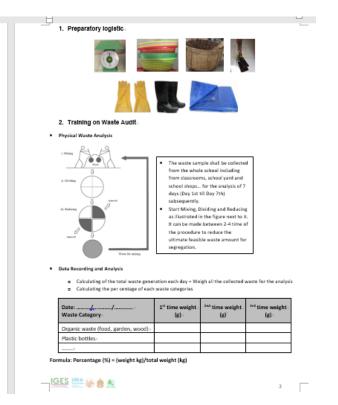
Final Outputs

■ Ecology Note



☐ Guiding Tool for Teachers







Composting Center Constructed





Outcome

- Source segregation has initiated
- Composting operation started as a class activity
- Env. Edu. will be initiated

Thank you

Why environmental education?

Global climate change, deforestation, pollution of air, water, and soil...

We need to take action at global, regional, national, community level.

... but any transformation requires behavioral change at the individual level.

Benefit of environmental education in school

Environmental issues are collective problem solving in real life.

Environmental education gives opportunities to integrate what students have learned through mathematics, social studies, history, language, art, ethics, as it touches upon all these subjects.

EE can assist students to advance their ability to think: critically analyze, discuss, interact with people, and take action.