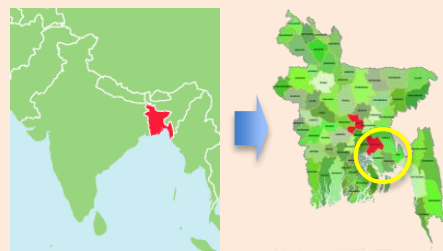


# 途上国村落向け資源課題解決ロールモデルと新たなコミュニティ形成

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## 活動背景・目的

バングラデシュのエクラスプール村(チッタゴン管区、Chandpur)を拠点に、村民主体のゴミ処理システムの構築が目的。ゴミ処理システムが確立していないバングラデシュの村落部では、発展するにつれて土に還らないゴミが増え、問題が深刻化している。これらを解決すべく、持続可能で現地の住民が主体的に取り組めるモデルを実施している。

## 活動実施体制

《研究代表者》  
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《現地コーディネイター》  
Global Communication Center

《国内サポート》  
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## パイロットプロジェクト

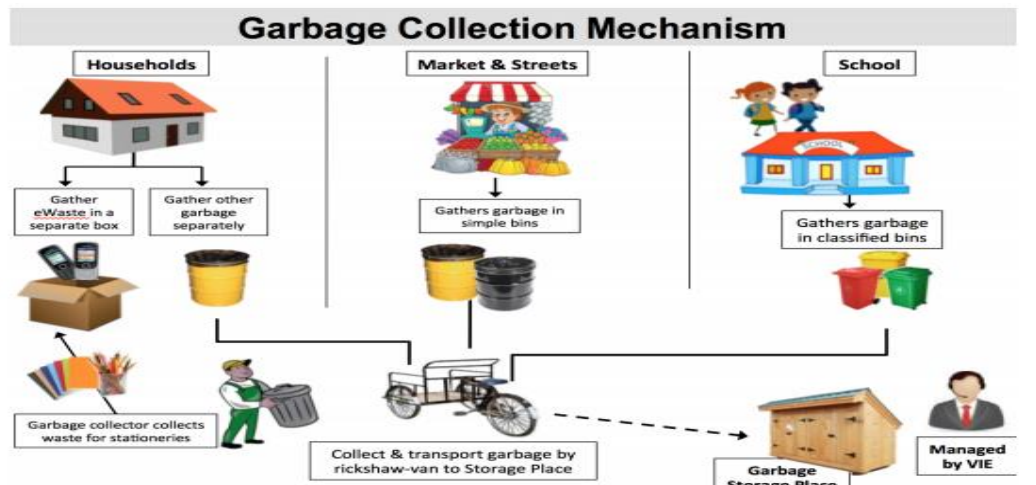
### 【概要】

・2月～3月の2ヶ月間、エクラスプール村の一部地域(約100世帯)で実施

・村内20カ所にゴミ箱を設置し、学校ではゴミ分別を講義

・プロジェクトマネージャーとゴミ回収担当者を各1名雇用し、各ゴミを計量

・リサイクルゴミの買取価格調査



	ペットボトル	軟性プラスチック	焼却ゴミ	金属(アルミ等)	中古携帯電話
2月	10.354kg	29.920kg	40.820kg	2.920kg	23個
3月	12.260kg	25.525kg	57.920kg	0.925kg	25個
<b>合計</b>	<b>22.614kg</b>	<b>45.445kg</b>	<b>98.740kg</b>	<b>3.845kg</b>	<b>48個</b>
販売単価	10BDT/kg		—	10BDT/kg	80BDT/個
収益	220BDT (約330円)	—	—	30BDT (約45円)	3,840BDT (約5,760円)

## 成果

ゴミ処理システムの試験的導入を無事に完遂した。ゴミの組成を明らかにしたとともに、収益性の確保が可能であること確認した。現地のキーパーソンとのヒアリングを通して、村長、マーケットコミッティーや中学校との連携の可能性を見出すことができた。さらに、一般住民への調査により、プロジェクトを好意的に思っている方が多数いることを明らかにした。また、カウンターパートと今後の計画を協議した。

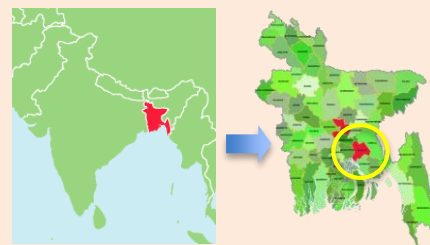
## 今後

持続可能なゴミ処理システム確立へ向けて、一部受益者負担型のシステム構築を段階的に進めていく。まずは無料でのゴミ回収を浸透させ、並行して子供を中心とした環境教育を拡充する。

そして、日本の学生の継続的な渡航を通して、村の美しい風景の写真集作成やゴミ箱アートなどの活動を住民と協力して実行し、プロジェクトへのコミットメント向上も図っていく。

# Resource problem-solving role models for villages In developing countries, and the creation of new communities

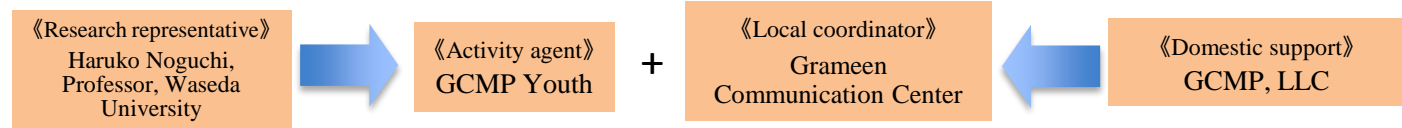
Professor Haruko Noguchi, (Graduate School of Political Science, Waseda University)  
GCMP Youth / GCMP, LLC



## Background and Objectives of the Activities

The objective is to build a waste processing system through the initiative of the villagers at Ekhlaspur Village, Bangladesh (Chittagong Division, Chandpur). In the rural villages of Bangladesh where there are no proper waste processing systems, there has been an increase in the volume of waste that is not returned to the soil in tandem with economic development. The problem is becoming increasingly serious. In order to resolve this issue, we are building a sustainable model for local residents to take the initiative in tackling the problem.

## Activity Implementation System



## Pilot project

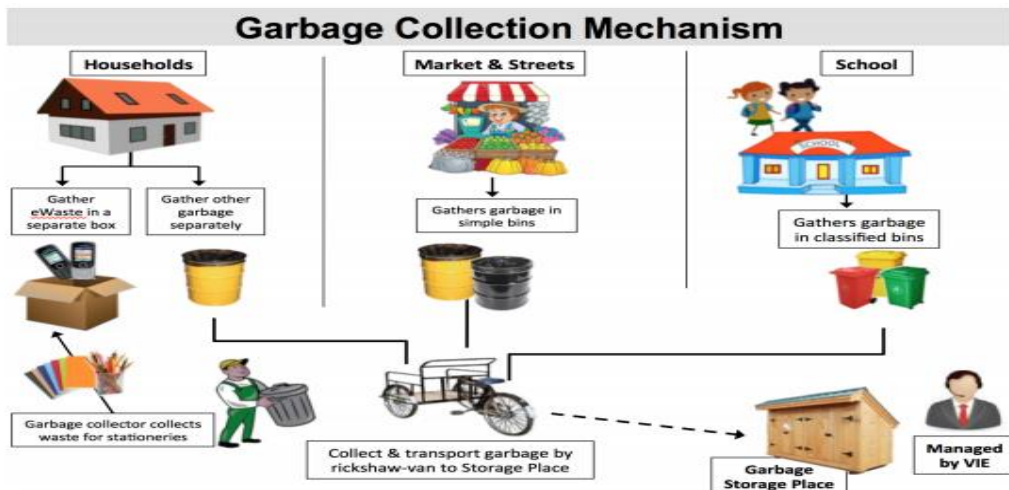
### 【Overview】

- Implemented for two months from February to March, at some parts of Ekhlaspur Village (about 100 households)

- Garbage bins were placed in 20 locations in the village, and lectures on garbage separation were conducted at schools.

- One project manager and one waste collection representative were employed, and the respective types of garbage were weighed.

- Conducted a study on the purchase price for recyclable waste.



	PET bottle	Soft plastic	Incinerated waste	Metals(aluminum etc.)	Used mobile phones
February	10.354kg	29.920kg	40.820kg	2.920kg	23 units
March	12.260kg	25.525kg	57.920kg	0.925kg	25 units
<b>Total</b>	<b>22.614kg</b>	<b>45.445kg</b>	<b>98.740kg</b>	<b>3.845kg</b>	48 units
Unit selling price	10BDT/kg		—	10BDT/kg	80BDT/units
Profit	220BDT (Approx. 330yen)	—	—	30BDT (Approx. 45yen)	3,840BDT (Approx. 5,760yen)

## Results

The trial implementation of the waste processing system was completed successfully. The composition of the garbage was identified, and we verified that it would be possible to secure profitability. By conducting interviews with the local key persons, we also found that there was potential for cooperation with the village chairman, market committee, and secondary school. Furthermore, based on a survey conducted on the local residents, we found that the majority viewed the project positively. We also entered into discussions about future plans with our counterparts.

## Future

Toward the establishment of a sustainable waste processing system, we are proceeding to build, in stages, a system with costs that are partially borne by the beneficiaries. First, we aim to firmly establish the concept of waste collection at no charge, and at the same time, expand environmental education mainly among the children. Next, through the continued travel by Japanese students to the local community, we aim to implement cooperative activities such as the production of photo albums showcasing the beautiful scenery of the village, or painting artwork on the garbage bins. Through these efforts, we hope to raise the level of commitment toward the project.