

## **IMPACT ASSESSMENT**

### **SJI ZERO WASTE PROGRAMME**

**Reusable Bag Initiative Community Meeting with Dewathang Shop Keepers**

**Chokyi Gyatso Institute UNDP-GEF/SGP Project End Evaluation Meeting**

**Thromde Environment Officer & Sweepers Meeting**

**Wooling M&E Visit**

**Individuals: Tashi Tobgay, Scrap Dealers, Zero Waste Trainers, Tshering Dolkar, Khenpo**

**October, November 2014**

#### **Overall objective of SJI**

The overall longer term development goal of the Initiative is to raise living standards in Samdrup Jongkhar rapidly and establish food security and self-sufficiency, while fully protecting and enhancing the natural environment, strengthening communities, stemming the rural-urban tide, and fostering a cooperative, productive, entrepreneurial, and self-reliant spirit grounded in a rights-based approach to development, particularly focusing on women and youth.

#### **Specific objectives for Zero Waste Programme**

- ❖ To minimize waste in Dewathang and Wooling pilot villages through initiation of responsible and sustainable waste management practices that help preserve the environment (reduction, reuse, recycling).
- ❖ To enhance economic diversification and income generating opportunities in Dewathang and Wooling pilot villages through responsible and sustainable waste management practices (reduction, reuse, recycling).

## Impact Assessment Questionnaire

- 1) To what extent do you think SJI's interventions are contributing to the overall long-term objective of the SJI? Please rate on a scale from 1-10, where 1 indicates least contribution and 10 indicates most contribution.

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1      2      3      4      5      6      7      8      9      10

- 2) i) To what extent was waste minimized (reduced) in your community/gewog before SJI interventions in 2010? Please rate on a scale from 1-10, where 1 indicates least and 10 indicates most waste minimization (reduction).

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1      2      3      4      5      6      7      8      9      10

- ii) To what extent is waste minimized (reduced) presently in 2014? Please rate on a scale from 1-10, where 1 indicates least and 10 indicates most waste minimization (reduction).

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1      2      3      4      5      6      7      8      9      10

- iii) What are the outcomes that contributed to this change?

- vi) What outcomes can be attributed to SJI interventions (zero waste committees, zero waste trainers, zero waste festivals, zero waste trainings/manual, recycled art/crafts workshops, reusable bag initiative, promotion of collection and sales of recyclables, training on and sales of plastic bottle/wrapper weavings)?

v) What outcomes can be attributed to external factors (e.g. Municipal waste collection, price increase for recyclables, etc.) ?

iii) Any negative/unintended (positive or negative) impacts of this change?

3) i) To what extent do you think that economic diversification and income generation opportunities through responsible and sustainable waste management practices (reuse, recycling) existed in your community/gewog before SJI interventions in 2010? Please rate on a scale from 1-10, where 1 indicates least and 10 indicates most economic diversification and income generation opportunities.

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1      2      3      4      5      6      7      8      9      10

ii) To what extent do you think economic diversification and income generation opportunities through responsible and sustainable waste management practices (reuse, recycling) exist presently in 2014? Please rate on a scale from 1-10, where 1 indicates least and 10 indicates most economic diversification and income generation opportunities.

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1      2      3      4      5      6      7      8      9      10

iii) What are the outcomes that contributed to this change?

vi) What outcomes can be attributed to SJI interventions (promotion of collection and sales of recyclables, training on and sales of plastic bottle/wrapper weavings)?

v) What outcomes can be attributed to external factors (e.g. Thromde interventions, price increase for recyclables, etc.) ?

iii) Any negative/unintended (positive or negative) impacts of this change?

4) How can SJI's zero waste programme be improved?

**Relevance** (real problems, needs, priorities of target group and beneficiaries, contextual appropriateness (policies)):

**Efficiency** (benefits compared to resources spent):

**Effectiveness** (results contribution to achievement of specific objectives):

**Impact** (projects contribution to overall objective):

**Sustainability** (benefits of project persisting after donor support, institutional and financial sustainability):

- 5) i) What do you think is the potential for replicating/upscaling zero waste interventions to other parts of the dzongkhag/beyond? In that case, which interventions (e.g. committees, local trainers, trainings/festivals/workshops, plastic bans, waste segregation, material recovery facility (MRF), composting, waste-to-weaving groups)?
- ii) What do you think is the potential for local government policy impact/uptake (integration into local government policy and budgets) of zero waste interventions? In that case, which interventions (e.g. committees, local trainers, trainings/festivals/workshops, plastic bans, waste segregation, material recovery facility (MRF), composting, waste-to-weaving groups)?