THE CITY RESILIENCE PROGRAM
Willingness To Pay Analysis – Households (3)

Estimated monthly WTP (in UGX) by household income

- Greater than 1,100,000: 7296.57
- 500,000-1,100,000: 5847.73
- Less than 500,000: 4436.11

Estimated monthly WTP (in UGX) by district

- Kampala: 5493.57
- Wakiso District: 5738.03
- Mukono: 7197.32

Estimated monthly WTP (in UGX) by access to garbage collection services

- With service: 5935.34
- Without service: 3040.06

Estimated monthly WTP (in UGX) by current methods of garbage disposal

- Household takes to communal dump: 1928.81
- Someone in our community collects…: 2181.14
- Household uses as organic fertilizer in…: 2401.97
- Household burns in backyard: 3364.84
- Household dumps in any open area: 4720.13
- Truck collects garbage from household door…: 5856.71
- Household takes to truck: 6089.19

Affordability Study for Solid Waste Management in Greater Kampala Uganda

International Finance Corporation | World Bank City Resilience Program
Willingness To Pay Analysis – Households (2)

Estimates of monthly WTP (in UGX) for the full sample of households*

<table>
<thead>
<tr>
<th>Category</th>
<th>WTP (UGX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full sample</td>
<td>5575</td>
</tr>
<tr>
<td>Excluding those not willing to pay</td>
<td>6370</td>
</tr>
</tbody>
</table>

The estimated WTP increases with increase in current payment on garbage collection.

Estimates of Monthly WTP by current payment category for households (in UGX)

- Currently do not pay: 3853
- UGX 10,000 or less: 5363
- UGX 10,001 – UGX 20,000: 6345
- More than UGX 20,000: 7491

*Note that the full sample includes both groups of households that receive and do not receive garbage collection services currently*
Approach and methodology - potential revenue analysis

Monthly willingness to pay amounts

- Do not pay
- UGX10,000 or less
- UGX10,000-20,000
- Over UGX20,000

Extrapolation to population

- Population of Households within the concessionaires' area of jurisdiction
- Population of Businesses within the concessionaires' area of jurisdiction

Potential Monthly Household Revenue (within the Concessionaires' area of jurisdiction)

Potential Monthly Business/Institution Revenue (within the Concessionaires' area of jurisdiction)

Estimated Annual Revenue (Including the 18% market share of private operators i.e. 58% market share)

Estimated Monthly Revenue (within the Concessionaires' area of jurisdiction i.e. 40% market share)

Estimated Annual Revenue (Including the 21% share of waste from Mukono and Wakiso Districts)
but annual flooding of the Msimbazi River damages homes and infrastructure, disrupts transport & business,
### Table 7. Property mix and land use

<table>
<thead>
<tr>
<th>2. PROPERTY MIX &amp; LAND USE</th>
<th>Ha</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1 Residential</td>
<td>38</td>
<td>50%</td>
</tr>
<tr>
<td>2.2 Retail &amp; Hospitality</td>
<td>5</td>
<td>7%</td>
</tr>
<tr>
<td>2.3 Office</td>
<td>2</td>
<td>3%</td>
</tr>
<tr>
<td>2.4 Roads and Public Spaces</td>
<td>15</td>
<td>20%</td>
</tr>
<tr>
<td>2.5 Land Reserves</td>
<td>11</td>
<td>15%</td>
</tr>
<tr>
<td>2.6 Community Services</td>
<td>4</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>73</td>
<td>100%</td>
</tr>
</tbody>
</table>

![Pie chart showing the proposed property mix](chart.png)

*Figure 17. Proposed property mix*
THANK YOU