Solid waste management is a major issue faced by the City of Cape Coast, the hub of Ghana’s tourism industry. Indiscriminate dumping, marine litter and uncollected solid waste pose a major threat to the tourism industry in Cape Coast. This threatens the local economy and its growth.

I was therefore, delighted that through our partners, the City of Bonn, we were introduced to the Waste Wise Cities Challenge. This assessment has come at a good time and we are grateful to the United Nations Environment Programme for the support. This data is going to be useful as we scale up programmes to deal with waste management in Cape Coast.

Mayor of Cape Coast
Household and non-household waste generation

<table>
<thead>
<tr>
<th></th>
<th>Average household waste generation (kg/capita/day)</th>
<th>Total population</th>
<th>Total MSW generated by households (t/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High income</td>
<td>0.51</td>
<td>45,565</td>
<td>23</td>
</tr>
<tr>
<td>Middle income</td>
<td>0.46</td>
<td>102,523</td>
<td>47</td>
</tr>
<tr>
<td>Low income</td>
<td>0.38</td>
<td>79,740</td>
<td>30</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>0.44</strong></td>
<td><strong>227,828</strong></td>
<td><strong>101</strong></td>
</tr>
</tbody>
</table>

Total MSW generated from non-household sources (t/day): 65 calculated using proxy of 30% of total MSW

Composition of waste at the households and at the disposal site
Potential recyclables from households

<table>
<thead>
<tr>
<th>Types</th>
<th>Recyclable waste generation from households (t/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food waste</td>
<td>20</td>
</tr>
<tr>
<td>Plastic film</td>
<td>16</td>
</tr>
<tr>
<td>Plastic dense</td>
<td>4</td>
</tr>
<tr>
<td>Paper and cardboard</td>
<td>7</td>
</tr>
<tr>
<td>Glass</td>
<td>1</td>
</tr>
<tr>
<td>Metal</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>50</td>
</tr>
</tbody>
</table>

WaCT Flow Chart

For more info and if interested in WaCT application contact the Waste Wise Cities Team at WasteWiseCities@un.org