

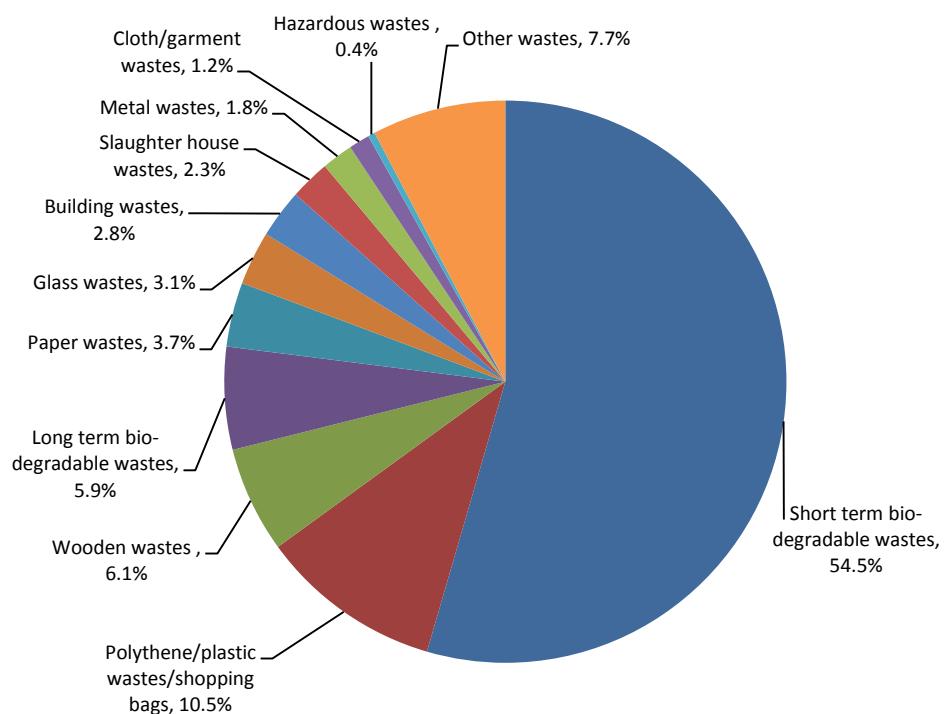
# **DATABASE OF SOLID WASTE IN SRI LANKA**

**2012**



**"Pilisaru" National Solid Waste Management Programme  
Central Environmental Authority  
Ministry of Environment and Renewable Energy**

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## PREFACE

Solid waste generation increases with the increasing population and it is a serious issue in Sri Lanka. Haphazard disposal of Solid waste accelerates the issue further. Therefore, it is essential to have a timely up dated data base in order to find solution to manage the Municipal Solid Waste effectively.

The database on Solid Waste Management (SWM) was prepared with a view to facilitate Local Authorities to develop and implement appropriate integrated waste management programmes based on Solid Waste Management Strategies in Sri Lanka. In the past, policy planners on solid waste management have faced for unavailability of accurate statistical information for solid waste management. Having this type of data base, those policy planners could be facilitated to program their solid waste management in an environmentally sound manner.

For the last time, the data base on Municipal Solid Waste in Sri Lanka was prepared by the Ministry of Environment and Natural Resources in 2005 and it has not been up dated up to now. Therefore, the Central Environmental decided to undertake a study to make available relevant data on municipal solid waste collection and removal by the Local Authorities by using Divisional Environmental Officers who attached to Provincial Officers of the Central Environmental Authority. The collected information have been disaggregated at Provincial and District levels and presented in the document in figure and tabular forms. I hope that this statistic would be very useful in the decision making process.

I would like to thank the Secretaries and relevant Officials in the respective local authorities for their support in marking this study. I am thankful to All Directors and officer in charge of Provincial Office and Divisional Environmental Officers of CEA. I would like to appreciate Mr. M.J.J. Fernando, Deputy Director General-Environmental Education and Awareness Division, Mr. M.A.A.N. Hemakumara, Director-Research and Development Unit, Mr. Chathura Malwana, Deputy Director-Pilisaru Project, Mrs. Kumari Kulathilaka, Deputy Director- Planning and Monitoring Unit for the planning, conducting and monitoring of the study. My appreciation is extended to the officers who have done data collection, analysis, map preparation and reporting to make the report successful.

Director General  
Central Environmental Authority

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## **ABBREVIATION**

- CEA - Central Environmental Authority  
CR - Compactor  
DEO - Divisional Environmental Officer  
HC - Hand carts  
LA - Local Authority  
MC - Municipal Council  
MT - Metric Tons  
PS - Pradeshiya Sabha  
ST - Special dump trucks  
SWM - Solid Waste Management  
T2 - Two wheel tractors with trailer  
T4 - Four wheel tractors with trailer  
TR - Trippers / dump truck  
UC - Urban Council

## SECTION 1: SCOPE OF THE STUDY

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The scope and content of questionnaire used to get information of solid waste are on following aspects.

- a. Basic information such as area, DS division, population and number of families in Local Authority
- b. Frequency and Method of the waste collection/ disposal activities
- c. Resource availability to use waste collection
- d. Labour force engaged on solid waste management
- e. Strategy for solid waste management
- f. Daily collection and composition of solid waste
- g. Expenditure on solid waste management
- h. Solid waste dumping site
- i. Funding on Solid waste management for Local Authority
- j. Suggestions to increase the efficiency of disposal of solid waste

The Questionnaires were distributed to the Divisional Environmental Officers (DEOs) who are attached to Provincial Offices of the Central Environmental Authority (CEA). Divisional Environmental Officers collected data from Local Authorities and forwarded completed questionnaires to the Planning and Monitoring Unit of the CEA. The data analysis and preparation of final report have been conducted by Planning and Monitoring Unit of the CEA.

## SECTION 2: COVERAGE

**Table 1 : Number of Local Authorities in Sri Lanka**

<b>District &amp; Province</b>	<b>No. of Local Authorities</b>			
	<b>Municipal Council</b>	<b>Urban Council</b>	<b>Pradeshiya Sabha</b>	<b>Total</b>
Colombo	05	05	03	<b>13</b>
Gampaha	02	05	12	<b>19</b>
Kaluthara		04	12	<b>16</b>
<b>Western province</b>	<b>07</b>	<b>14</b>	<b>27</b>	<b>48</b>
Galle	01	02	17	<b>20</b>
Matara	01	01	15	<b>17</b>
Hambantota	01	01	10	<b>12</b>
<b>Southern Province</b>	<b>03</b>	<b>04</b>	<b>42</b>	<b>49</b>
Kandy	01	04	17	<b>22</b>
Matale	02		11	<b>13</b>
Nuwara Eliya	01	02	05	<b>08</b>
<b>Central Province</b>	<b>04</b>	<b>06</b>	<b>33</b>	<b>43</b>
Kegalle		01	11	<b>12</b>
Ratnapura	01	02	14	<b>17</b>
<b>Sabaragamuwa</b>	<b>01</b>	<b>03</b>	<b>25</b>	<b>29</b>
Badulla	02	01	15	<b>18</b>
Monaragala			10	<b>10</b>
<b>Uva Province</b>	<b>02</b>	<b>01</b>	<b>25</b>	<b>28</b>
Kurunegala	01	01	19	<b>21</b>
Puttalam		02	10	<b>12</b>
<b>North Western Province</b>	<b>01</b>	<b>03</b>	<b>29</b>	<b>33</b>
Anuradhapura	01		18	<b>19</b>
Polonnaruwa			07	<b>07</b>
<b>North Central Province</b>	<b>01</b>		<b>25</b>	<b>26</b>
Jaffna	01	03	13	<b>17</b>
Kilinochchi			03	<b>03</b>
Mullaitivu			04	<b>04</b>
Mannar		01	04	<b>05</b>
Vavnia		01	04	<b>05</b>
<b>Northern Province</b>	<b>01</b>	<b>05</b>	<b>28</b>	<b>34</b>
Trincomalle		02	11	<b>13</b>
Ampara	02	01	17	<b>20</b>
Batticaloa	01	02	09	<b>12</b>
<b>Eastern Province</b>	<b>03</b>	<b>05</b>	<b>37</b>	<b>45</b>
<b>Total</b>	<b>23</b>	<b>41</b>	<b>271</b>	<b>335</b>

Out of the 335 LAs, data is not available in 07 no of Local Authorities as listed below in Table 2.

**Table 2 : Local Authorities, data is not available**

District	Name of LAs
<b>Kilinochchi</b>	Pachchilaipalli PS Karachchi PS Poonagari PS
<b>Mullaitivu</b>	Manthai East PS Thunukkai PS Puthukudiruppu PS Maritimepattu PS

## **SECTION 3: DATA LIMITATION**

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Divisional Environment Officers (DEOs) who are attached to Provincial Offices of CEA completed questionnaires used for the data base of solid waste. They obtained information of solid waste management from the Local Authority under the responsible officers in the local authorities for this study. Many questionnaires have been completed satisfactorily. However, it was noted that some questions of the questionnaire were either not responded at all or responses. Also, it was found that checking each and every such answer by respective officials was not practicable. As such efforts were made to correct them as far as possible by means of statistical imputations.

Correctly, it is not possible to obtain the total solid waste generation per day in Sri Lanka. But most of Local Authorities have been reported estimated solid waste generation per day. Also Local Authorities have been given information of the gross weight of waste collected per day.

In this analysis, all of overall results by province and district have been analyzed excluding 07 no of Local Authorities in Mullaitivu and Kilinochchi districts (Table 2).

## SECTION 4: SUMMARY OF FINDINGS

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### 4.1 Population size and number of families in Local Authority

The survey which is updating information on solid waste management by the Local Authorities in Sri Lanka has been done by the Divisional Environmental Officers in CEA during the year 2011 and 2012.

According to the Censes of Population and Housing 2012 conducted by Department of Census and Statistics Sri Lanka, the total population is 20,277,597. The highest population is reported from Western province among provinces and it is 5,837,294 (Table 04) the highest population is reported from Colombo district among districts and it is 2,323,826 (Table 05).

### 4.2 Gross weight and distribution of solid waste collected

The Local Authorities have is being collected 3,424 metric tons of solid waste daily. The highest amount of solid waste is collected from Western province. It is 1,783 metric tons per day (Table 6). According to the district, highest amount (1,284 metric tons) of solid waste is collected from Colombo district (Table 7).

**Table 3 : Gross weight of solid waste collected**

Type of gross weight	Gross weight (MT)
Per day	3,424
Per week	23,968
Per month	104,147
Per year	1,249,760

Figure 5 show the composition of solid waste collected by type of Local Authorities out of the total daily solid waste collection, 1,696 metric tons (49.5%) is collected from the Municipal Council. The amount of solid waste collected by Urban Councils are 594.5 metric tons (17.4%) and Pradeshiya Sabhas are 1,133 metric tons (33.1%) respectively.

### 4.3 Composition of solid waste

When the composition of solid waste is analyzed under eight categories namely Polythene/plastic wastes/shopping bags, Short term bio-degradable wastes (*animal & plant matter*), Long term bio-degradable wastes (*e.g. coconut shells, king coconut shells etc.*), Metal wastes, Wooden wastes (*including tree cuttings*), Glass wastes, Paper wastes, Building wastes, slaughter house wastes, cloth/garment wastes, hazardous wastes (*batteries, CFL bulb, bottles, e-waste etc.*) and Other wastes (*e.g., Industrial wastes and other*).

The major constituent is short term bio-degradable waste. In overall, 54.5% of the solid waste collected daily is short term bio-degradable waste. The second largest of solid waste category is polythene/plastic wastes/shopping bags (10.5%). The wooden waste is recovered as the third highest constituent of solid waste. It is 6.1%. The Long term bio-degradable waste is 5.9%, 3.7%

are paper wastes, 3.1% are glass wastes, Metal wastes are 1.8%, Building wastes are 2.8%, Slaughter house wastes are 2.3%, Metal waste are 1.8%, Cloth/garments wastes are 1.2%, 0.4% are Hazardous wastes and other wastes are 7.7% (Figure 6).

#### **4.4 Labour force for solid waste management**

According to reported data total employees who involved on solid waste management in Sri Lanka are 11,695. Total employees 10,196 (87%) are owned by Local Authority and 1,499 (13%) are followers of private sector (Table 14).

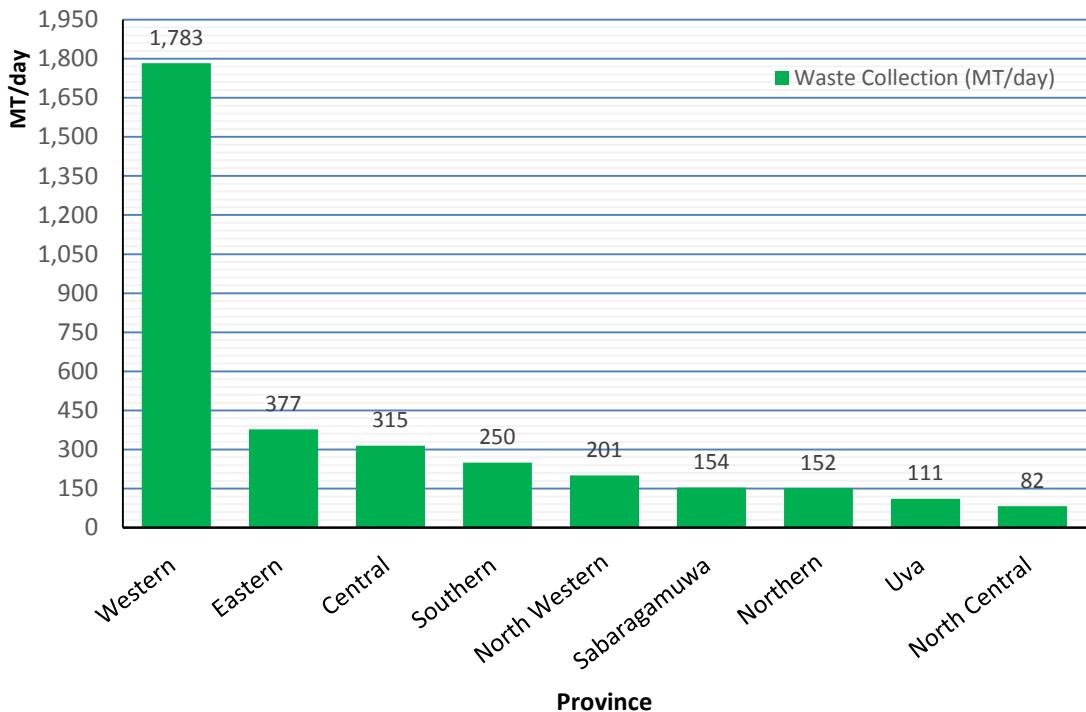
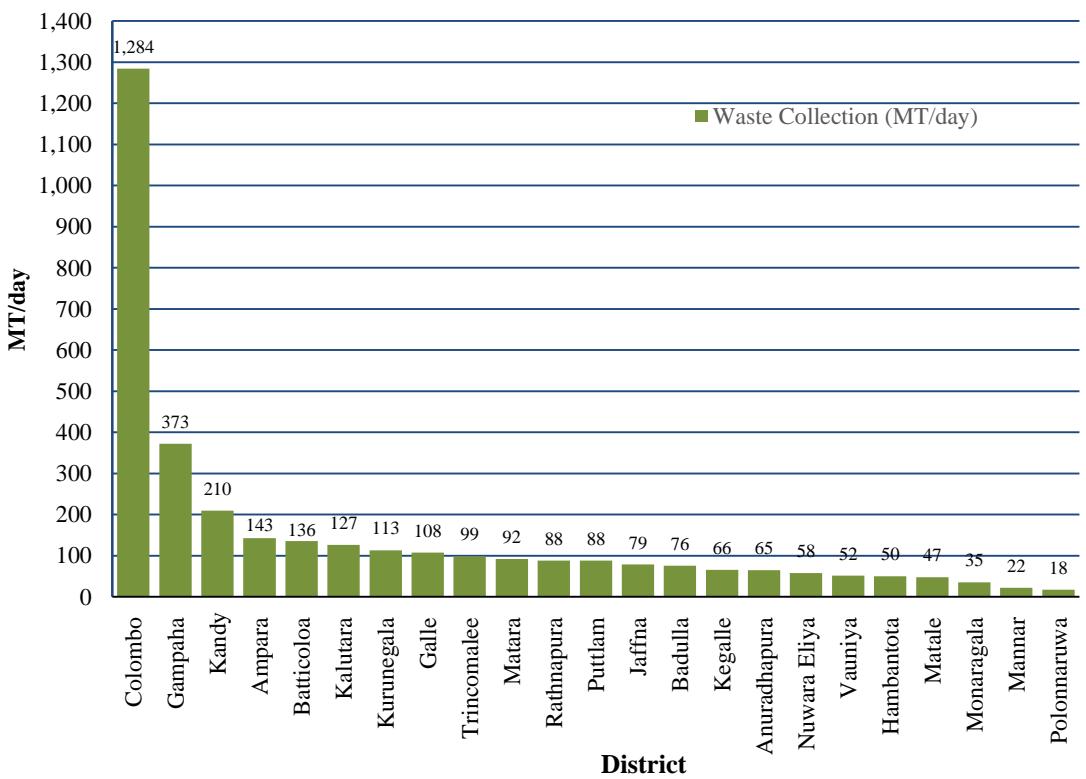
#### **4.5 Expenditure on solid waste management**

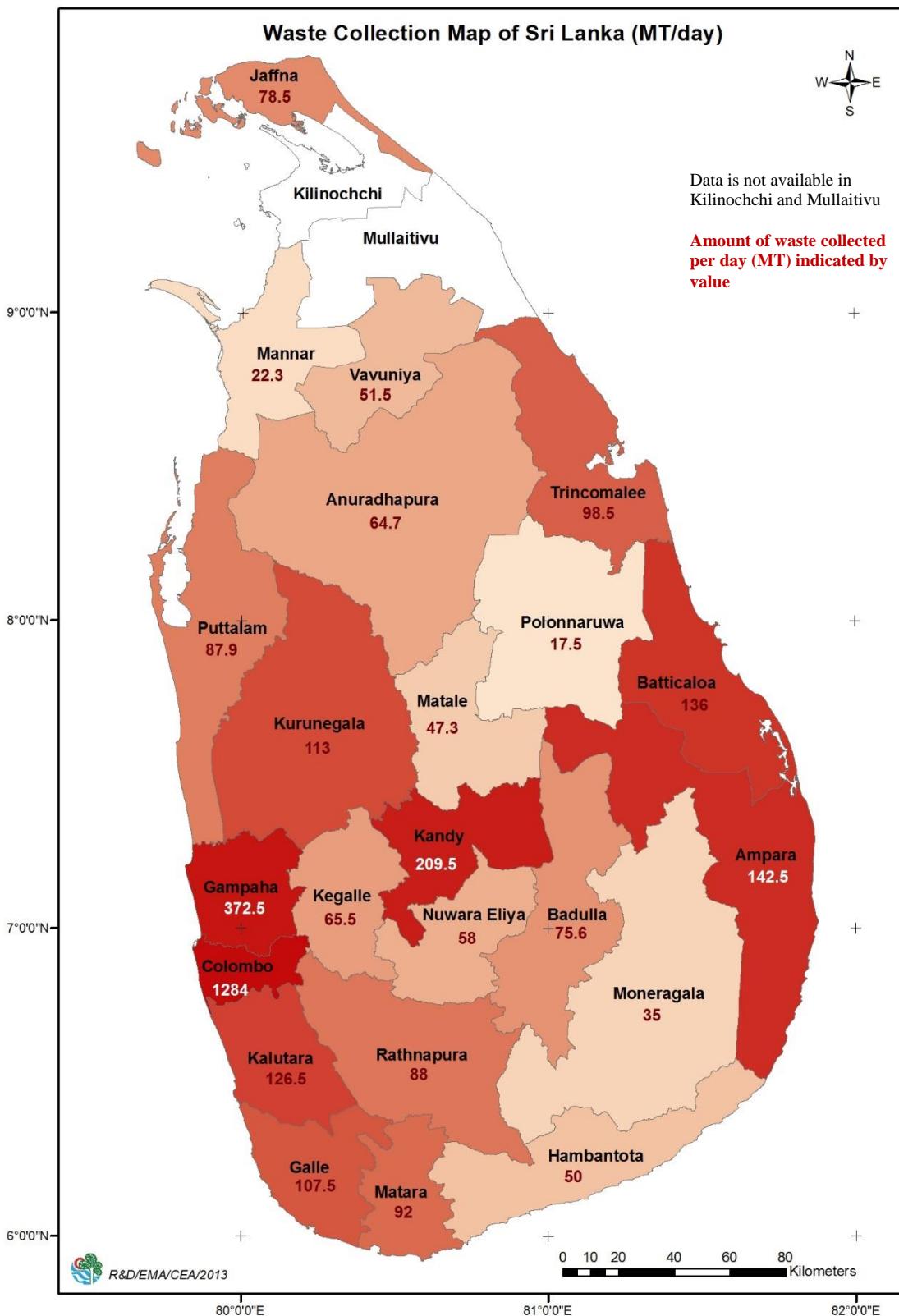
We tried to obtain information of expenditure on solid waste management by few categories (eg. for salaries and payments, equipment/maintenance, fuel, awareness programmes, payment for contractor, other expenditure and allocation for solid waste management out of the total Local Authority budget (as percentage). But it is difficult to obtain expenditure on solid waste management directly. Most of the Local Authorities have been reported the expenditure considering overall allocated expenditure of health sector.

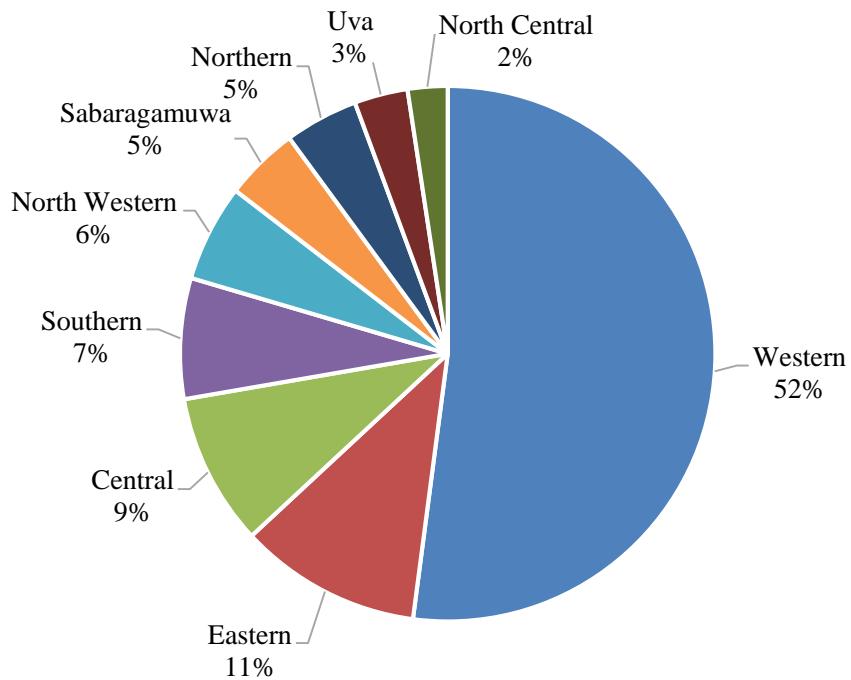
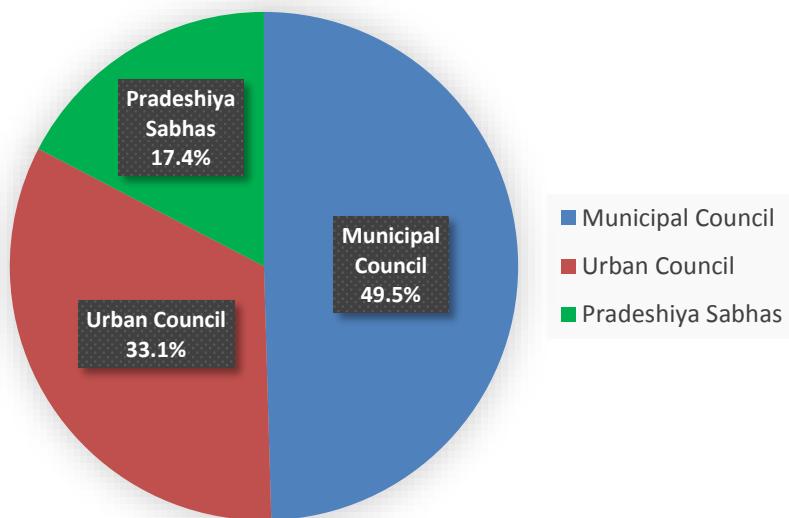
According to the survey total expenditure on solid waste management of all Local Authorities in Sri Lanka is about 3,626 million. Approximately Local authorities have been spent 16% on the activities related to the solid waste management out of the total Local Authority budget (Table 16).

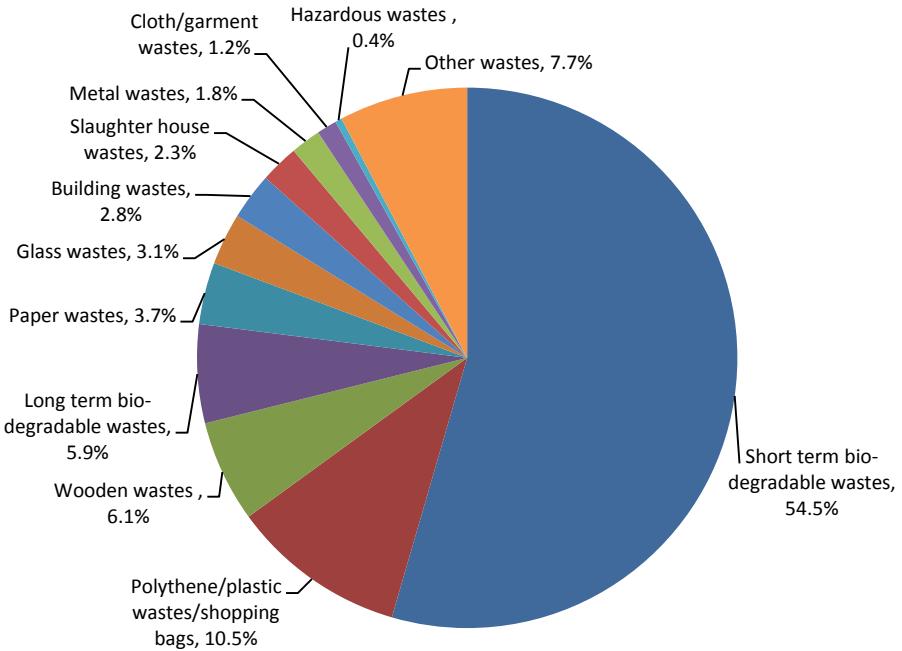
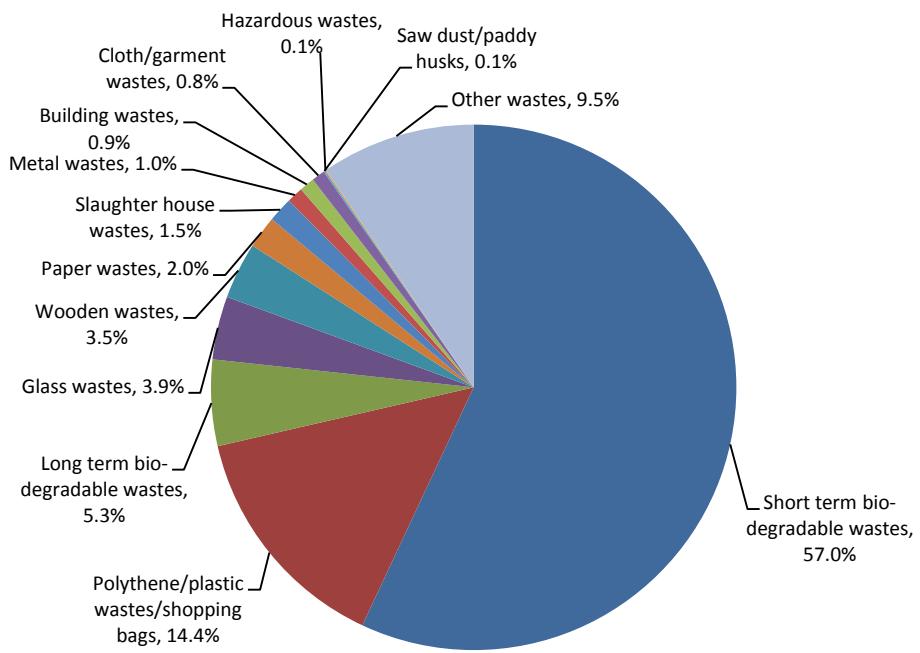
# **Annex I**

# **Graphical Analysis**

**Figure 1: Weight of solid waste collection per day by province****Figure 2: Weight of solid waste collection per day by district**

**Figure 3 : Sri Lanka map of solid waste collection per day**

**Figure 4 : Distribution of solid waste collection per day by province****Figure 5 : Distribution of solid waste collection (MT) per day by type of Local Authority**

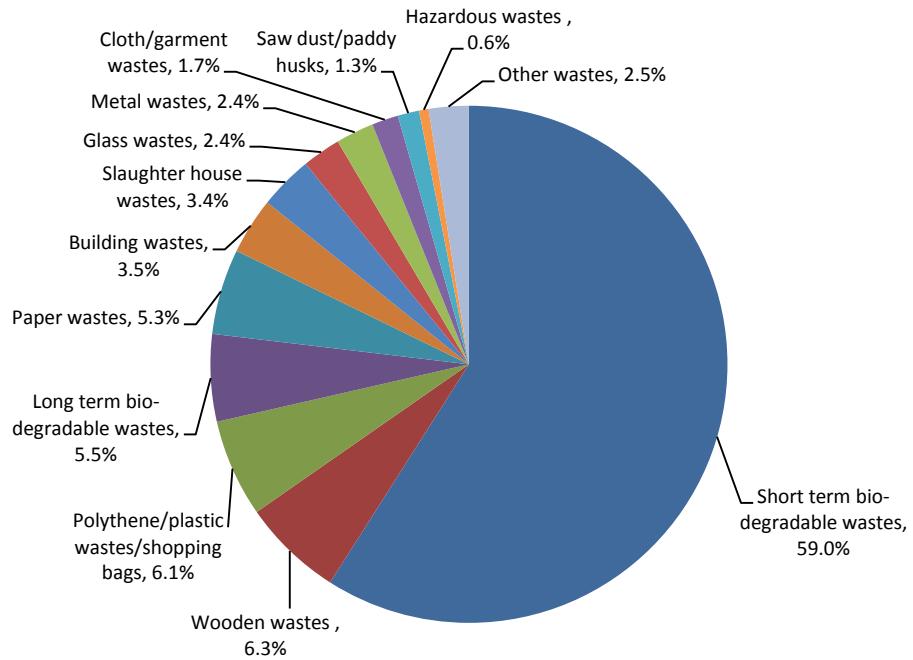
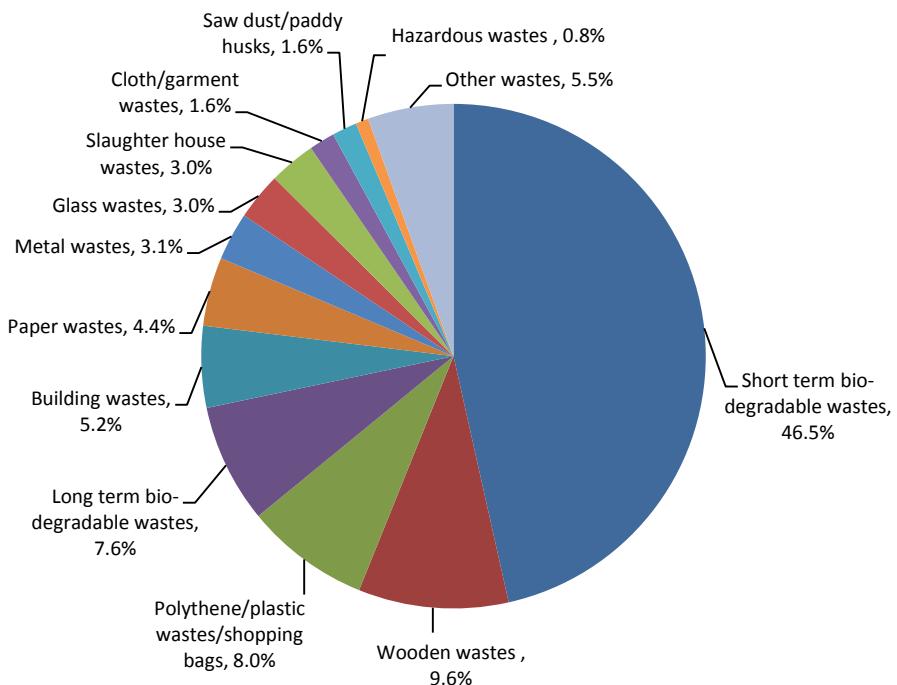
**Figure 6 : Composition of solid waste in Sri Lanka****Figure 7 : Composition of solid waste – Municipal Council**

\* Short term bio-degradable wastes ( animal & plant material)

\* Long term bio-degradable wastes (e.g. coconut shells, king coconut shells etc.)

\* Hazardous wastes (Batteries, CFL bulb, bottles, e-waste etc.)

\* Other Wastes (e.g. Industrial wastes and other)

**Figure 8 : Composition of solid waste – Urban Council****Figure 9 : Composition of solid waste – Pradeshiya Sabha**

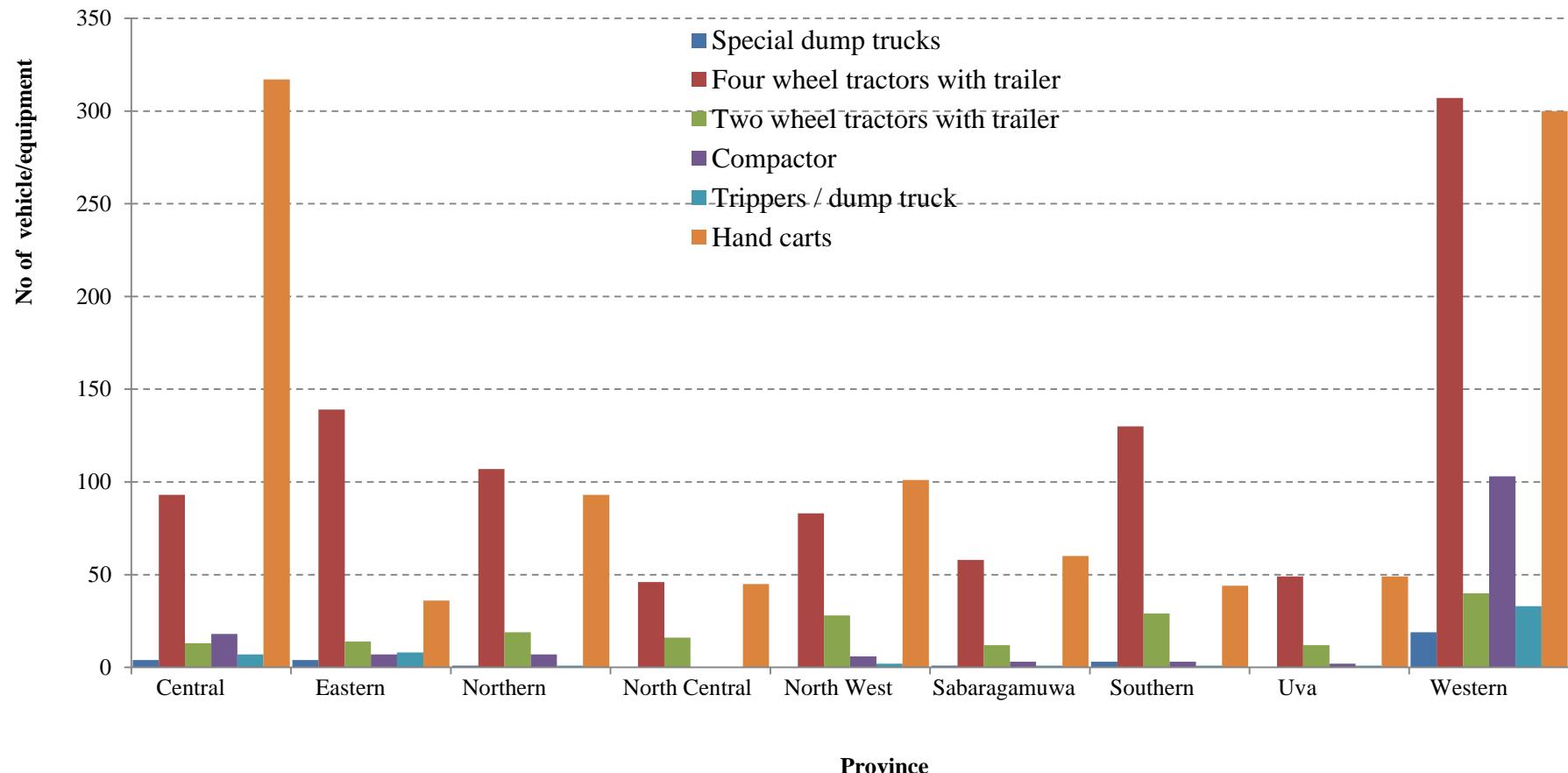
\* Short term bio-degradable wastes ( animal & plant material)

\* Long term bio-degradable wastes (e.g. coconut shells, king coconut shells etc.)

\* Hazardous wastes (Batteries, CFL bulb, bottles, e-waste etc.)

\* Other Wastes (e.g. Industrial wastes and other)

**Figure 10 : Number of vehicle and equipment used for solid waste management by province**



## **Annex II**

## **Tabulation**

**Table 4 : Total area, population and number of families by province**

<b>Province</b>	<b>Area (1km2)</b>	<b>No. of families</b>	<b>Population</b>
Western	3,709	1,374,494	5,837,294
Central	5,584	680,049	2,556,774
Southern	5,558	643,494	2,465,626
North West	7,812	648,695	2,372,185
Sabaragamuwa	4,902	485,460	1,919,478
Eastern	9,951	412,600	1,547,377
North Central	10,724	376,520	1,259,421
Uva	8,488	361,453	1,259,419
Northern*	8,882	273,285	1,060,023
<b>All Island</b>	<b>65,610</b>	<b>5,256,050</b>	<b>20,277,597</b>

**Table 5 : Total area and population by district**

<b>District</b>	<b>Area (1km2)</b>	<b>Population</b>
Ampara	3,810.7	645,825
Anuradhapura	7,362.7	855,562
Badulla	2,759.7	811,225
Batticola	2,147.9	525,186
Colombo	681.0	2,323,826
Galle	1,608.0	1,059,046
Gampaha	1,494.4	2,298,588
Hambantota	2,582.0	595,802
Jaffna	1,074.5	583,071
Kalutara	1,492.4	1,214,880
Kandy	2,037.9	1,368,216
Kegalle	1,710.1	837,179
Kurunegala	5,725.0	1,611,407
Mannar	1,880.2	99,063
Matale	2,001.5	482,348
Matara	1,282.9	810,703
Monaragala	4,539.9	448,194
Nuwara Eliya	1,708.8	706,210
Polonnaruwa	3,180.2	403,859
Puttlam	2,923.0	760,778
Rathnapura	2,897.5	1,082,299
Trincomalee	2,683.5	376,366
Vauniya	1,710.2	172,789

**Table 6 : Weight of solid waste collected per day by province**

Province	Waste Collection (MT/day)	Percentage (%)
Central	314.7	9.2%
Eastern	377.0	11.0%
Northern *	152.3	4.4%
North Central	82.3	2.4%
North Western	200.9	5.9%
Sabaragamuwa	153.5	4.5%
Southern	249.5	7.3%
Uva	110.6	3.2%
Western	1,783.0	52.1%
<b>Total</b>	<b>3,423.8</b>	<b>100%</b>

\* Excluding Mullaitivu and Kilinochchi districts

**Table 7 : Weight of solid waste collected per day by type of Local Authority**

Type of Local Authority	Waste Collection (MT/day)	Percentage (%)
Municipal Council	1,696.0	49.5%
Urban Council	1,133.3	33.1%
Pradeshiya Sabha	594.5	17.4%
<b>Total</b>	<b>3,423.8</b>	<b>100%</b>

\* Excluding Mullaitivu and Kilinochchi districts

**Table 8 : Gross weight of solid waste collected per day by district and type of LAs**

District	Waste Collection (MT/day)	Percentage (%)
Ampara	<b>142.5</b>	4.2%
Anuradhapura	<b>64.7</b>	1.9%
Badulla	<b>75.6</b>	2.2%
Batticoloa	<b>136.0</b>	4.0%
Colombo	<b>1,284.0</b>	37.5%
Galle	<b>107.5</b>	3.1%
Gampaha	<b>372.5</b>	10.9%
Hambantota	<b>50.0</b>	1.5%
Jaffna	<b>78.5</b>	2.3%
Kalutara	<b>126.5</b>	3.7%
Kandy	<b>209.5</b>	6.1%
Kegalle	<b>65.5</b>	1.9%
Kurunegala	<b>113.0</b>	3.3%
Mannar	<b>22.3</b>	0.7%
Matale	<b>47.3</b>	1.4%
Matara	<b>92.0</b>	2.7%
Monaragala	<b>35.0</b>	1.0%
Nuwara Eliya	<b>58.0</b>	1.7%
Polonnaruwa	<b>17.5</b>	0.5%
Puttlam	<b>87.9</b>	2.6%
Rathnapura	<b>88.0</b>	2.6%
Trincomalee	<b>98.5</b>	2.9%
Vauniya	<b>51.5</b>	1.5%
<b>All Island*</b>	<b>3,423.8</b>	<b>100%</b>

\* Excluding Mullaitivu & Kilinochchi districts

**Table 9 : Comparison of gross weight of solid waste collection (Metric tons per day) by district 1999, 2004 and 2012**

District	Gross weight of solid waste Collection (MT per day)		
	1999	2005	2012
Ampara	<b>45.74</b>	<b>57.04</b>	142.5
Anuradhapura	<b>22.89</b>	<b>52.41</b>	64.7
Badulla	<b>147.09</b>	<b>57.38</b>	75.6
Batticaloa	<b>124.5</b>	<b>119.33</b>	136.0
Colombo	<b>1170.6</b>	<b>1256.5</b>	1,284.0
Galle	<b>76.4</b>	<b>102.5</b>	107.5
Gampaha	<b>197.5</b>	<b>313.2</b>	372.5
Hambantota	<b>21.7</b>	<b>27.9</b>	50.0
Jaffna	<b>193.6</b>	<b>71.37</b>	78.5
Kalutara	<b>79.9</b>	<b>93.0</b>	126.5
Kandy	<b>162.08</b>	<b>145.04</b>	209.5
Kegalle	<b>39.24</b>	<b>42.80</b>	65.5
Kurunegala	<b>65.78</b>	<b>73.48</b>	113.0
Mannar	<b>3.758</b>	<b>3.50</b>	22.3
Matale	<b>15.99</b>	<b>32.78</b>	47.3
Matara	<b>45.60</b>	<b>68.0</b>	92.0
Monaragala	<b>22.55</b>	<b>28.28</b>	35.0
Nuwara Eliya	<b>45.13</b>	<b>51.40</b>	58.0
Polonnaruwa	<b>09.87</b>	<b>21.73</b>	17.5
Puttlam	<b>22.85</b>	<b>96.71</b>	87.9
Rathnapura	<b>77.95</b>	<b>49.06</b>	88.0
Trincomalee	<b>87.40</b>	<b>56.44</b>	98.5
Vauniya	<b>08.90</b>	<b>10.3</b>	51.5
Kilinochchi	<b>04.3</b>	<b>0.92</b>	-
Mullaitivu	<b>0.74</b>	<b>8.7</b>	-
<b>All Island</b>	<b>2,694</b>	<b>2,838</b>	<b>3,424</b>

**Table 10 : Number of vehicle and equipment used for solid waste management by province**

Province	Special dump trucks	Four wheel tractors with trailer	Two wheel tractors with trailer	Compactor	Trippers / dump truck	Hand carts	Other
Central	4	124	13	18	7	317	7
Eastern	4	157	17	7	8	36	9
Northern*	1	109	19	7	1	93	11
North Central	0	60	16	0	0	45	1
North West	0	128	28	6	2	101	7
Sabaragamuwa	1	70	12	3	1	60	6
Southern	3	164	29	3	1	44	9
Uva	0	58	12	2	1	49	1
Western	19	330	40	103	33	300	19
<b>Total</b>	<b>32</b>	<b>1,200</b>	<b>186</b>	<b>149</b>	<b>54</b>	<b>1,045</b>	<b>70</b>

\* Excluding Mullaitivu & Kilinochchi districts

**Table 11 : Number of vehicle and equipment used for solid waste management by district**

District	Special dump trucks	Four wheel tractors with trailer	Two wheel tractors with trailer	Compactor	Trippers / dump truck	Hand carts	Other
Ampara	4	61	9	1	2	8	1
Anuradhapura		43	12			27	
Badulla		33	6	2	1	47	1
Batticoloa		55	4	3	4	16	3
Colombo	6	132	12	101	20	105	5
Galle		66	8	2		7	8
Gampaha	10	135	14	1	2	137	11
Hambantota	2	39	2		1	19	1
Jaffna		73	15	5		83	9
Kalutara	3	63	14	1	11	58	3
Kandy	1	69	5	9	5	217	7
Kegalle	1	33	4	2		33	4
Kurunegala		67	17	6	2	76	2
Mannar	1	16	2			3	
Matale	2	29	5	1	1	28	
Matara	1	59	19	1		18	
Monaragala		25	6			2	
Nuwara Eliya	1	26	3	8	1	72	
Polonnaruwa		17	4			18	1
Puttalam		61	11			25	5
Rathnapura		37	8	1	1	27	2
Trincomalee		41	4	3	2	12	5
Vauniya		20	2	2	1	7	2
<b>Total</b>	<b>32</b>	<b>1,200</b>	<b>186</b>	<b>149</b>	<b>54</b>	<b>1,045</b>	<b>70</b>

**Table 12 : Number of vehicle and equipment used for SWM by type of LA**

Type of vehicle/equipment	Type of LA			Total
	Municipal Council	Urban Council	Pradeshiya Saba	
Special dump trucks	2	6	24	<b>32</b>
Four wheel tractors with trailer	186	194	632	<b>1,012</b>
Two wheel tractors with trailer	20	28	138	<b>186</b>
Compactor	111	17	21	<b>149</b>
Trippers / dump truck	25	9	20	<b>54</b>
Hand carts	370	240	435	<b>1,045</b>
Other equipment	4	16	50	<b>70</b>

**Table 13 : Number of employees on SWM by province**

Province	No. of employees		
	Owned by LAs	Private	Total
Central	1,245	02	1,247
Eastern	946	16	962
Northern*	699	231	930
North Central	386		386
North West	1,006		1,006
Sabaragamuwa	524	32	556
Southern	1,010		1,010
Uva	387	09	396
Western	3,993	1209	5,202
<b>Total</b>	<b>10,196</b>	<b>1,499</b>	<b>11,695</b>

\* Excluding Mullaitivu & Kilinochchi districts

**Table 14 : Distribution of employees of LAs engaged on SWM by province and status**

Province	Engineers	Public Health Inspectors (PHIs)	Work Superintendents	Drivers	Laborers	Other Workers	Total
Central	05	40	81	97	971	51	1,245
Eastern	08	48	18	123	684	65	946
Northern *	01	06	07	56	572	57	699
North Central		04	14	84	271	13	386
North West		33	39	116	630	188	1,006
Sabaragamuwa		32	10	62	355	65	524
Southern	02	19	51	125	773	40	1,010
Uva	02	11	19	42	271	42	387
Western	16	78	206	475	2,940	278	3,993
<b>Total</b>	<b>34</b>	<b>271</b>	<b>445</b>	<b>1,180</b>	<b>7,467</b>	<b>799</b>	<b>10,196</b>

\* Excluding Mullaitivu & Kilinochchi districts

**Table 15 : Distribution of employees owned by LAs on SWM by district and status**

District	Engineers	Public Health Inspectors (PHIs)	Work Superintendents	Drivers	Laborers	Other Workers	Total
Ampara	04	10	09	46	179	38	286
Anuradhapura		04	09	32	218	02	265
Badulla	02	08	12	27	210	40	299
Batticoloa	04	21	07	45	253	03	333
Colombo	10	40	132	278	1613	72	2145
Galle	01	03	19	49	234	11	317
Gampaha	06	22	46	133	884	166	1257
Hambantota		04	15	32	173	22	246
Jaffna	01	04	06	37	489	09	546
Kalutara		16	28	64	443	40	591
Kandy	02	27	53	57	650	21	810
Kegalle		13	04	25	174	28	244
Kurunegala		26	22	61	332	138	579
Mannar				02	24	8	34
Matale	02	07	08	13	42	19	91
Matara	01	12	17	44	366	07	447
Monaragala		03	07	15	61	02	88

Nuwara Eliya	01	06	20	27	279	11	344
Polonnaruwa			05	52	53	11	121
Puttlam		07	17	55	298	50	427
Rathnapura		19	06	37	181	37	280
Trincomalee		17	02	32	252	24	327
Vauniya		02	01	17	59	40	119
<b>Total*</b>	<b>34</b>	<b>271</b>	<b>445</b>	<b>1,180</b>	<b>7,467</b>	<b>799</b>	<b>10,196</b>

\* Excluding Mullaitivu & Kilinochchi districts

**Table 16 : Expenditure on solid waste management by province and type of Local Authority****Rs.000**

Province	Expenditure on solid waste management			All type of LAs	
	Municipal Council	Urban Council	Pradeshiya Sabha	Total Expenditure on solid waste management	Expenditure on solid waste management as a percentage of total budget
Central	143,647	66,825	125,589	336,061	15.3%
Eastern	3,782	75,657	127,419	206,859	17.6%
Northern*	74,520	42,881	63,256	180,657	12.9%
North Central	53,971		31,266	85,237	9.7%
North West	345,778	253,010	174,500	773,288	9.7%
Sabaragamuwa	47,367	35,689	74,404	157,460	11.5%
Southern	59,721	50,555	145,360	255,636	15.7%
Uva	19,590	16,983	84,678	121,251	17.9%
Western	531,588	536,207	442,150	1,509,945	23.2%
<b>Total</b>	<b>1,279,964</b>	<b>1,077,808</b>	<b>1,268,622</b>	<b>3,626,394</b>	<b>15.6%</b>

\* Excluding Mullaitivu & Kilinochchi districts

## **Annex III**

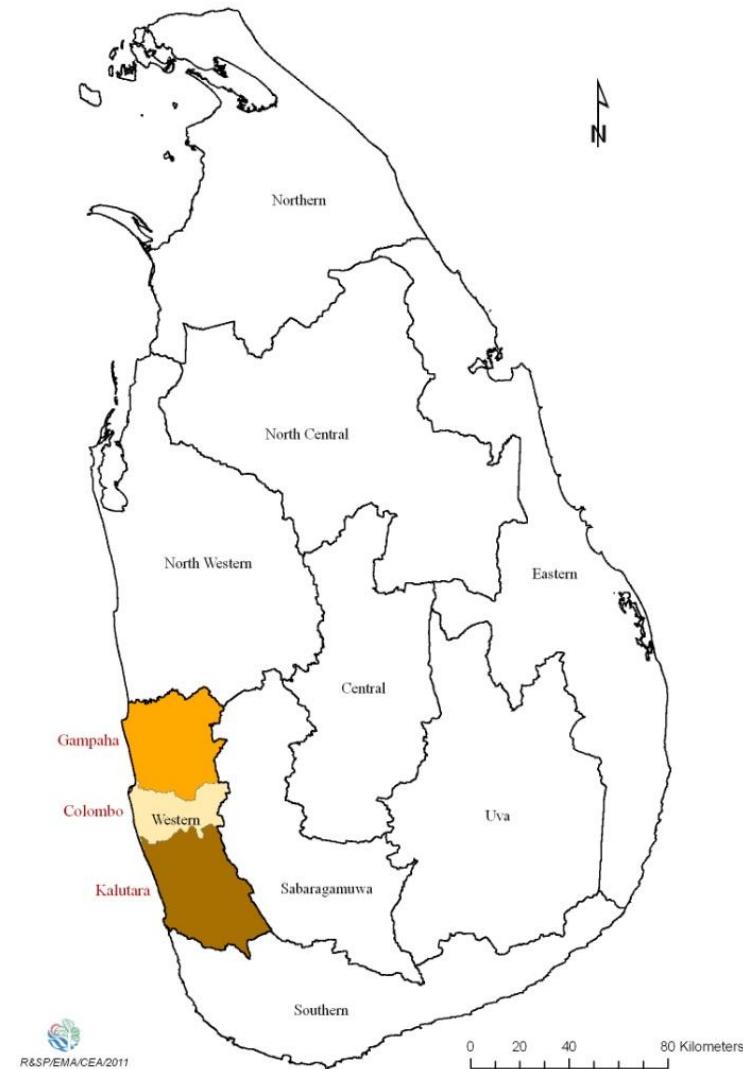
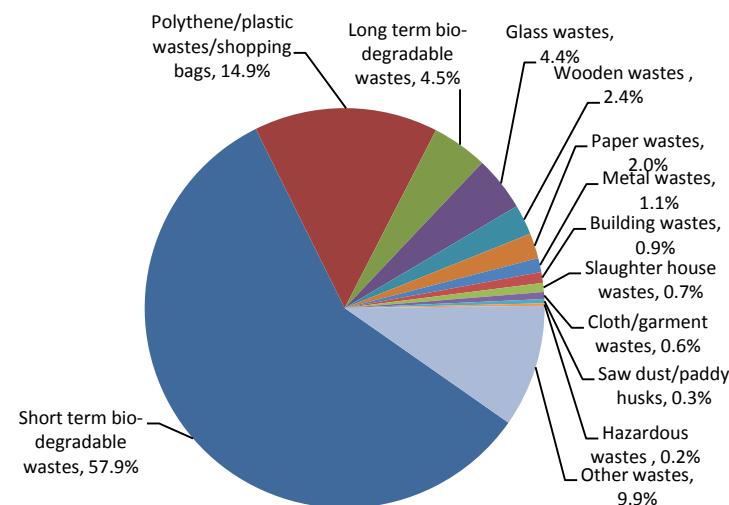
### **Key Statistics on Solid Waste Management and Spatial Distribution of Solid Waste Management Centres in Sri Lanka**

# Western Province

Area (km<sup>2</sup>) - 3,709

District	No. of Local Authorities			
	MC	UC	PS	All
Colombo	5	5	3	<b>13</b>
Gampaha	2	5	12	<b>19</b>
Kaluthara		4	12	<b>16</b>
<b>Western province</b>	<b>7</b>	<b>14</b>	<b>27</b>	<b>48</b>

## Composition of Solid Waste - Western Province



**Table 17: Key Statistics of solid waste management by Local Authority in Colombo district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)						Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes		
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste		
1	Boralesgamuwa UC	13.5	70,200	12,496	12,000	35	0	3	1	2	0	1	3.4%	84.7%	1.4%	0.3%	1.4%	2.7%	0.7%	5.4%	10%	
2	Colombo MC	37.21	70,000	17,073	700,000	476	0	8	0	55	5	0	23.4%	63.6%	6.3%	0.4%	0.0%	6.3%	0.0%	0.0%	11%	
3	Dehiwela-Mt. Lavinia MC	21.06	224,102	62,497	150,000	543	0	24	1	18	4	25	6.4%	67.3%	0.9%	0.9%	9.1%	0.9%	5.5%	9.1%	30%	
4	Homagama PS	134.4	243,000	65,000	20,000	17	1	5	0	0	0	1	7.3%	39.5%	11.0%	3.6%	0.0%	3.4%	6.5%	28.8%	14%	
5	Kaduwela MC	86.74	246,342	56,997	55,000	78	0	27	0	1	0	0	16.2%	54.1%	1.8%	5.4%	3.6%	14.4%	3.6%	0.9%	20%	✓
6	Kesbewa UC	41.5	172,645	54,580	40,000	80	0	8	4	0	1	12	4.5%	83.2%	2.3%	0.5%	2.3%	2.3%	0.5%	4.5%	9%	
7	Kolonnawa UC	10.6	55,285	15,000	35,000	111	0	7	1	3	2	7	1.4%	76.7%	0.0%	0.0%	0.0%	8.2%	13.7%	0.0%	49%	✓
8	Kotikawatta Mulleriyawa PS	29.63	130,000	38,986	35,000	32	0	9	0	0	0	6	13.3%	69.3%	8.0%	1.3%	1.3%	1.3%	0.0%	5.3%	30%	
9	Maharagama UC	38.2	200,170	45,500	50,000	148	2	8	0	4	2	6	4.7%	64.0%	0.0%	3.2%	9.2%	2.7%	4.2%	12.0%	29%	
10	Moratuwa MC	23.4	200,680	41,000	80,000	436	0	17	2	9	4	0	0.5%	0.0%	1.6%	0.1%	0.0%	0.9%	0.1%	96.8%	15%	
11	Seethawaka PS	208.3	129,582	39,115	5,000	30	0	5	2	0	0	2								19%	✓	
12	Seethawakapura UC	19.4	25,947	6,500	12,000	42	2	4	1	0	0	15	2.2%	90.0%	0.5%	0.1%	0.0%	0.9%	1.2%	5.2%	24%	
13	Sri Jayawardenapura MC	17.04	132,631	25,633	90,000	117	1	7	0	9	2	30	5.4%	65.8%	2.8%	2.2%	4.7%	1.1%	7.1%	10.8%	17%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

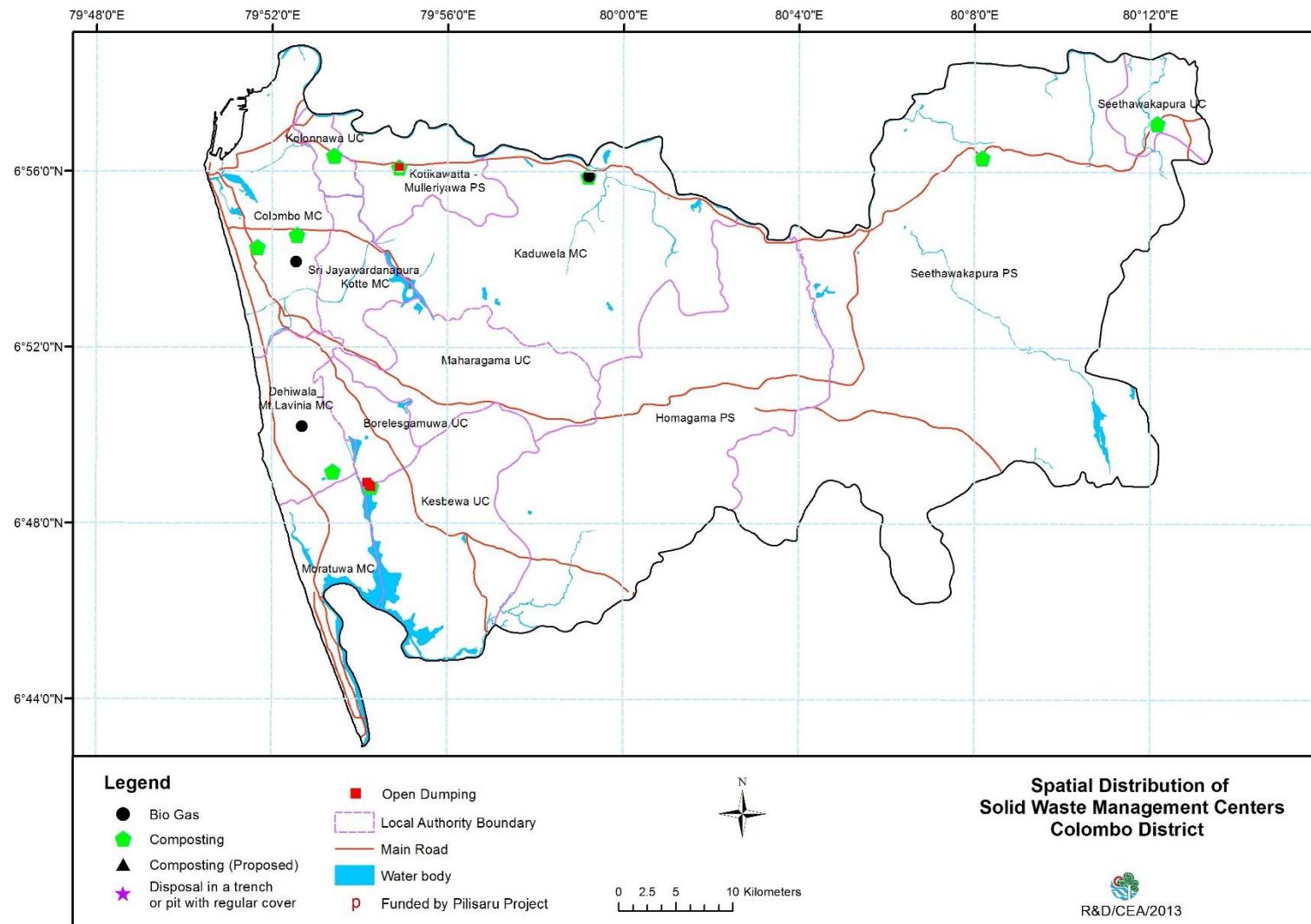
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 11: Spatial distribution of solid waste management centres in Colombo district**



**Table 18: Key Statistics of solid waste management by Local Authority in Gampaha district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term	Availability of sanitary landfill	
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Attanagalla PS	151	175,795	48,988	20,000	97	2	10	4				4	0.2%	56.3%	26.2%	0.0%	0.0%	0.2%	0.4%	16.7%	21.4%	✓
2	Biyagama PS	61.6	200,000	60,000	50,000	30		6					8	8.0%	85.0%	4.0%	0.3%	0.0%	0.0%	1.0%	1.7%	37.5%	
3	Divulapitiya PS	220	142,528	38,422	12,000	37	2	4	2				10	2.0%	90.0%	0.0%	1.0%	0.0%	1.0%	2.0%	4.0%		
4	Dompe PS	174.3	146,050	34,894	7,000	23	1	8	1					2.6%	71.8%	0.0%	0.0%	0.0%	0.0%	0.0%	25.6%	31.0%	
5	Gampaha MC	37.5	64,617	15,250	20,000	57		9					5	2.3%	82.3%	1.8%	0.9%	4.6%	2.3%	0.9%	4.9%	23.0%	
6	Gampaha PS	66.05	118,206	45,732	10,000	33	2	3					4	57.1%	0.0%	0.0%	0.0%	0.0%	14.3%	14.3%	14.3%	5.0%	
7	Ja-Ela PS	63.08	192,300	48,000	20,000	86		9	1				10	11.3%	37.7%	3.8%	1.9%	3.8%	1.9%	3.8%	35.8%	16.2%	
8	Ja-Ela UC	3.5	35,734	8,934	18,000	82		10					6	15.0%	80.0%	1.3%	0.0%	0.0%	0.8%	1.8%	1.3%		✓
9	Katana PS	65	166,259	52,662	15,000	85		10					25	2.1%	66.7%	2.1%	0.0%	8.3%	0.0%	2.1%	18.8%	23.0%	
10	Katunayaka-Seeduwa UC	10.35	97,196	23,142	40,000	56		9					12									41.0%	
11	Kelaniya PS	20.01	117,005	29,000	27,000	86	2	12	1				4									16.7%	✓
12	Mahara PS	98.8	184,548	50,000	4,000	3		2														8.6%	
13	Meerigama PS	286.6	160,349	41,150	10,000	51		7	1				6	3.4%	0.7%	6.8%	13.6%	40.8%	6.8%	6.8%	21.1%	10.0%	✓
14	Minuwangoda PS	135	175,854	41,870	6,000	9		3	2				1	91.7%	0.0%	0.0%	0.0%	0.8%	3.3%	0.0%	4.2%	3.3%	
15	Minuwangoda UC	4.4	8,772	1,905	4,000	23		4	1				4	14.1%	4.0%	16.1%	4.0%	0.0%	4.0%	8.1%	49.7%	21.0%	
16	Negombo MC	30.8	155,000	33,000	65,000	306	1	13		1	2	20	5.7%	45.6%	0.0%	0.5%	24.7%	0.8%	8.9%	13.8%	20.0%		
17	Peliyagoda UC	1.9	40,000	8,710	15,000	62		4					5	1.0%	70.0%	1.0%	1.0%	2.5%	1.0%	2.5%	21.0%	71.0%	
18	Wattala Mabola UC	9.9	26,504	6,159	12,000	33		2					6	3.8%	50.8%	4.4%	1.0%	12.7%	2.5%	4.1%	20.7%	34.7%	
19	Wattala PS	54.6	146,739	34,938	17,500	98		10	1				7										

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

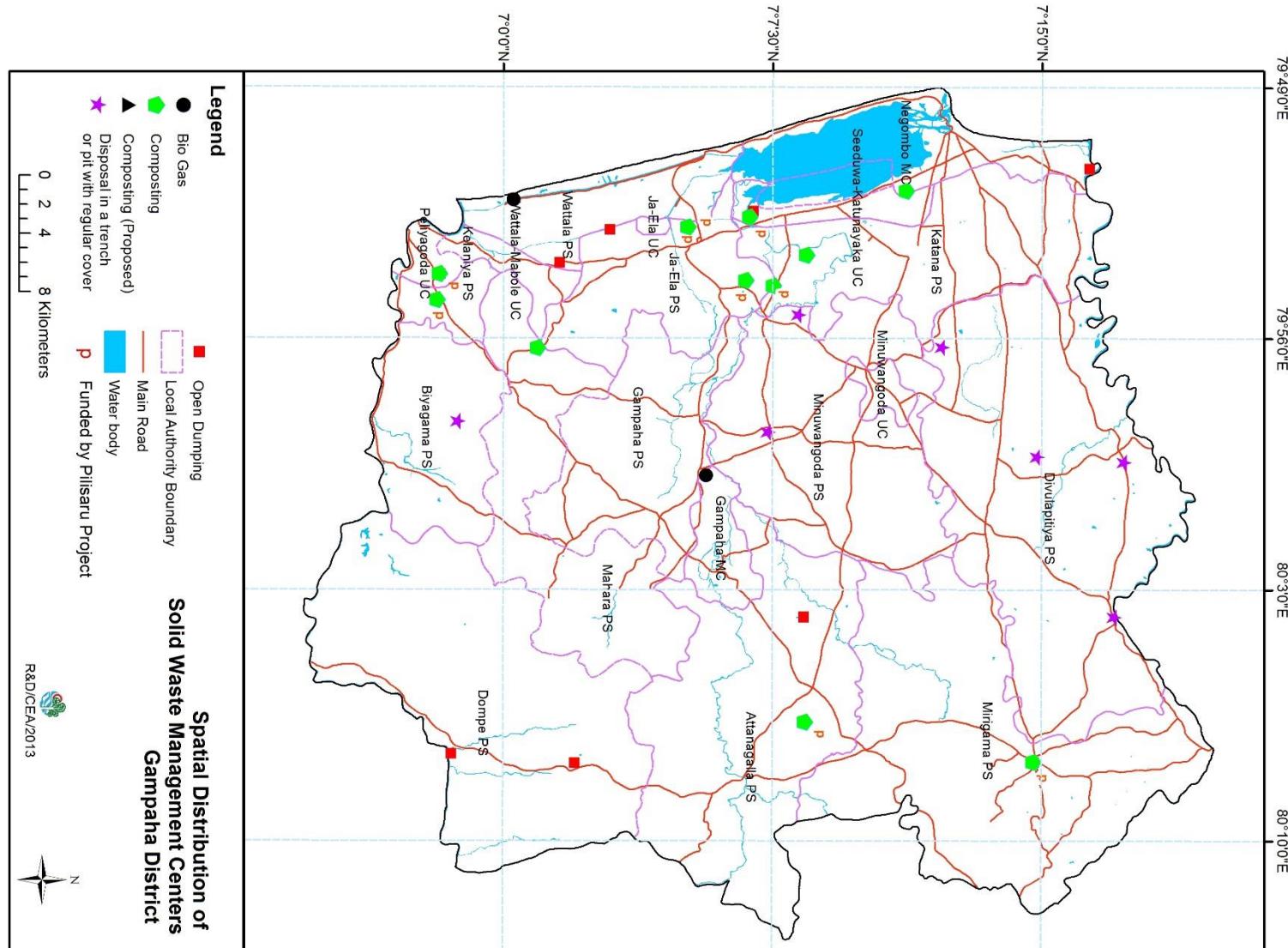
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 12: Spatial distribution of solid waste management centres in Gamapaha district**



**Table 19: Key Statistics of solid waste management by Local Authority in Kalutara district**

No	Name of the Local Authority	Area (Km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)						Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term available	Availability of sanitary landfill facilities		
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Agalawatta PS	72.0	9,335	38,042	5,000	17		3					0.5%	29.8%	2.8%	0.3%	9.3%	0.3%	0.7%	56.3%	10%	✓	
2	Bandaragama PS	93.2	42,968	130,868	10,000	24	2	2	1		5		5.0%	60.0%	8.0%		4.0%	2.0%		21.0%	7%	✓	
3	Beruwala PS	65.8	25,796	111,198	19,000	66		6	4			8	4.0%	50.0%	20.0%	5.0%	2.0%	2.0%	2.0%	15.0%	18%		
4	Beruwala UC	5.2	5,486	33,053	8,000	61		5	1			3	4.0%	60.0%	10.0%	1.0%	7.0%	2.0%	1.0%	15.0%	24%		
5	Bulathsinhala PS	212.2	16,960	72,027	3,000	28		5					0.9%	94.5%	0.3%	0.2%	0.6%	0.3%	0.1%	3.2%	66%	✓	
6	Dodangoda PS	115.0	14,445	66,691	1,000	25		4	1		1		10.0%	10.0%	40.0%	10.0%	10.0%	10.0%		20.0%	35%		
7	Horana PS	90.6	27,799	165,009	5,000	31		3				2	10.0%	15.0%	35.0%	10.0%	10.0%			20.0%	15%	✓	
8	Horana UC	4.5	2,489	10,900	4,000	42		5		1		7	4.0%	60.0%	10.0%	1.0%	7.0%	2.0%	1.0%	15.0%	40%		
9	Kaluthara PS	98.4	29,747	120,000	10,000	15		4					8.0%	15.0%	35.0%	10.0%	12.0%			20.0%	16%		✓
10	Kaluthara UC	7.6	9,275	37,081	20,000	87		6				18	7.0%	58.5%	5.6%	2.8%	5.6%	0.8%	8.4%	11.4%	25%		✓
11	Madurawala PS	74.6	8,861	33,180	1,000	7		2	1		5		5.0%	75.0%	1.0%	1.0%	15.0%	1.0%	2.0%		2%		
12	Matugama PS	105.0	21,187	86,430	6,000	19	1	3	1			2	31.1%	50.3%				6.2%	12.4%		16%	✓	
13	Palindanuwa PS	286.3	14,469	57,889	1,000	16		2	1				13.3%	40.0%	13.3%	6.7%	6.7%	6.7%	13.3%		20%		
14	Panadura PS	46.1	20,512	129,547	12,500	61		7				5	10.0%	10.0%	40.0%	20.0%				20.0%	40%		✓
15	Panadura UC	5.8	7,680	40,000	20,000	81		3	2			11	3.7%	58.7%	9.8%	1.2%	7.3%	1.2%	1.2%	16.9%	27%		✓
16	Walallavita PS	210.0	14,354	60,000	1,000	11		3	2			2	5.0%	39.8%	10.0%	26.9%	5.0%	1.1%	1.5%	10.8%	15%	✓	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

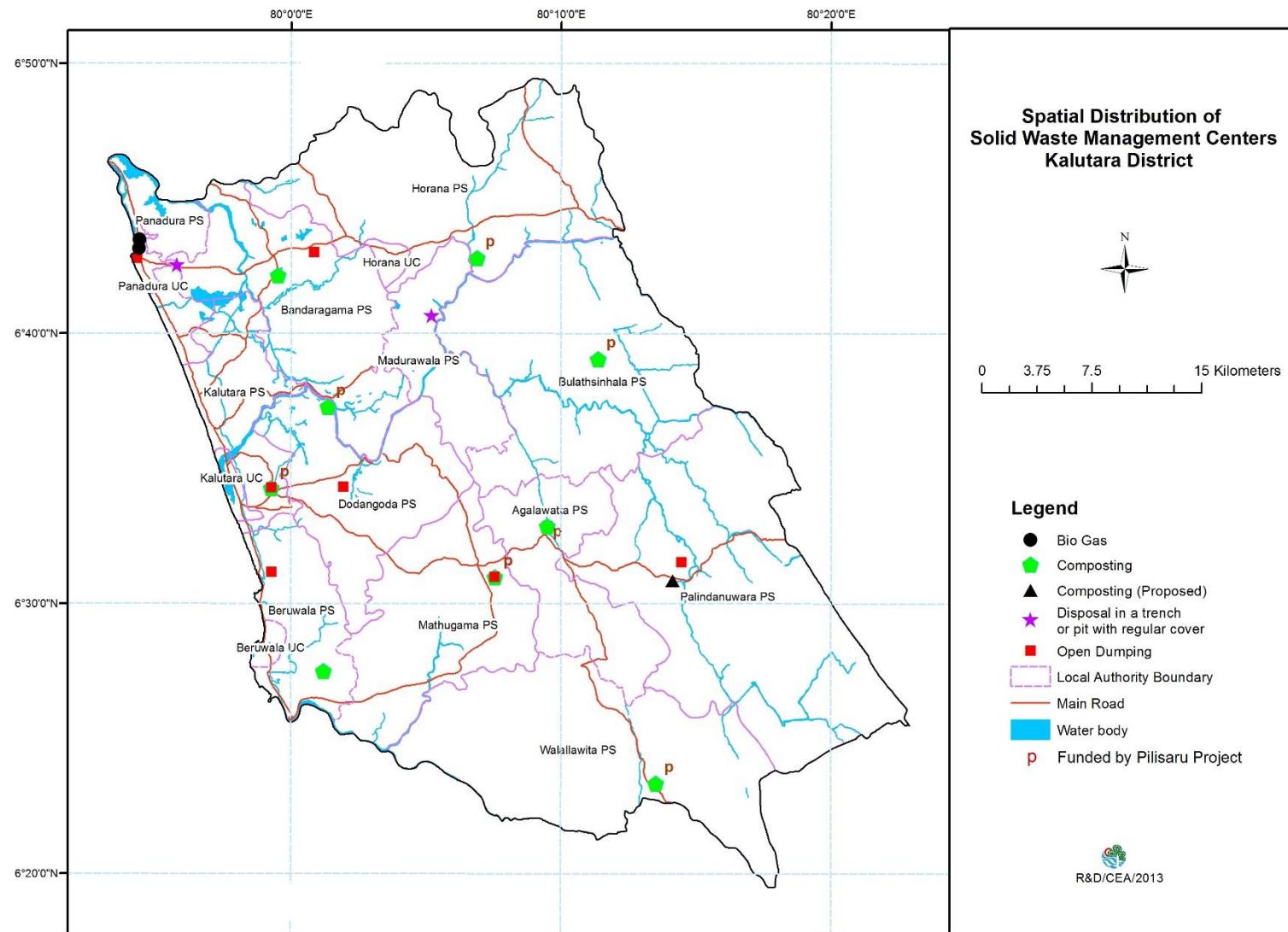
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 13: Spatial distribution of solid waste management centres in Kalutara district**

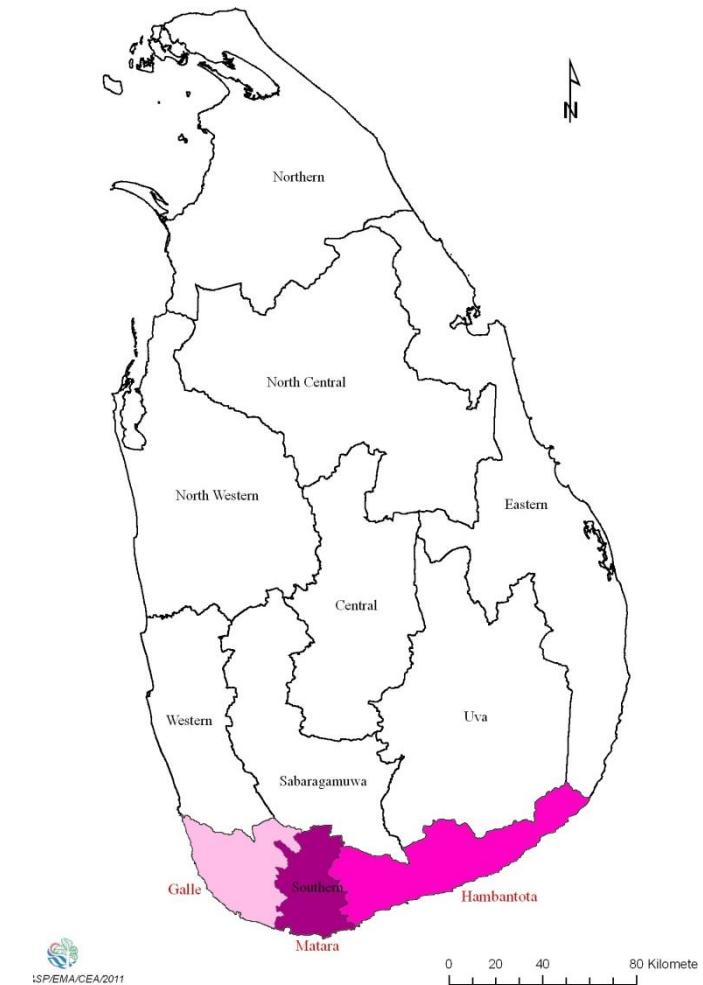
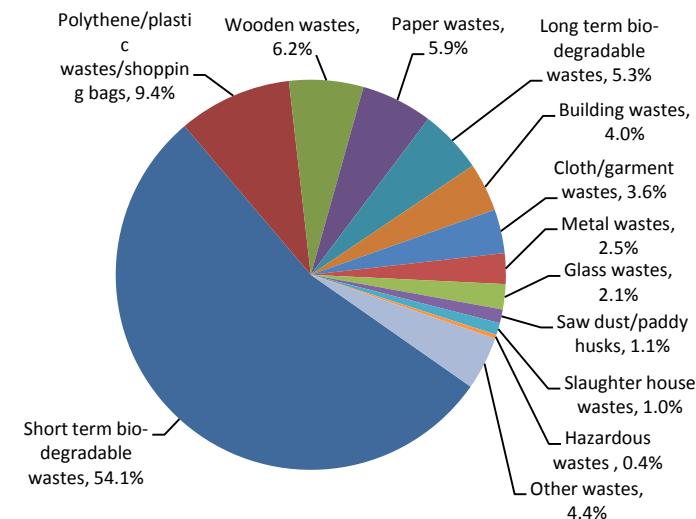


# Southern Province

Area (km<sup>2</sup>)-5,558

District	No. of Local Authorities			
	MC	UC	PS	All
Galle	1	2	17	<b>20</b>
Matara	1	1	15	<b>17</b>
Hambantota	1	1	10	<b>12</b>
<b>Southern Province</b>	<b>3</b>	<b>4</b>	<b>42</b>	<b>49</b>

## Composition of Solid Waste - Southern Province



**Table 20: Key Statistics of solid waste management by Local Authority in Galle district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term	Availability of sanitary landfill facilities
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Akmeemana PS	64.0	19,522	79,579	1,500			3	1				5.0%	10.0%	5.0%	5.0%	5.0%	5.0%	60.0%	50%			
2	Ambalanagoda PS	64.0	15,564	63,143	2,000	7		2					6.4%	73.4%	0.7%	2.8%		0.9%	4.6%	11.2%	10%	✓	✓
3	Ambalangoda UC	7.1	5,114	23,727	18,000	39		4	2			4	40.0%	5.3%	0.7%	13.3%	1.3%	6.0%	24.7%	8.7%	16%	✓	✓
4	Baddegama PS	112.0	19,346	78,683	3,000			3				1									20%	✓	
5	Balapitiya PS	56.4	18,598	77,780	3,500	20		5					10.0%	41.1%	10.9%	4.7%	5.6%	4.0%	5.9%	17.8%	9%	✓	✓
6	Bentota PS	74.5	12,393	54,375	6,000	21		4					1.3%	59.6%	10.6%	0.2%	4.3%	0.2%	10.6%	13.2%	7%		
7	Bope-Poddala PS	35.8	14,132	65,051	3,000	6		1					12.9%	38.6%		8.6%	20.6%	6.4%	12.9%		8%	✓	✓
8	Elpitiya PS	133.1	15,817	67,090	4,000	19		3					0.1%	99.8%						0.1%	13%	✓	
9	Galle MC	16.2	16,000	110,000	32,000	125		13	2	1		2	8.7%	76.3%		0.9%		1.1%	9.3%	3.6%	30%	✓	✓
10	Habaraduwa PS	44.0	16,564	65,396	6,000	5		5					0.8%	75.0%	18.8%		3.8%	0.8%	0.8%	0.2%	19%	✓	
11	Hikkaduwa UC	12.8	6,319	32,695	10,000	21		5					3.5%	41.5%	6.3%	10.1%	6.3%	6.3%	6.3%	19.7%	14%	✓	✓
12	Imaduwa PS	59.0	12,120	50,793	3,000	9		3					18.7%	46.8%	9.4%	0.5%	6.0%	0.3%	0.9%	17.5%	4%		
13	Karandeniya PS	84.0	17,325	60,917	2,000	3		3					3.8%	68.6%	3.8%	1.0%			1.9%	21.0%	5%	✓	
14	Nagoda PS	177.0	14,965	59,818	1,000	5		2	1				2.5%	87.5%	5.0%			5.0%			6%	✓	
15	Neluwa PS	153.4	7,201	27,553	1,000	4		2	1				13.0%	32.6%	3.3%	6.5%	6.5%	3.3%	3.3%	31.6%	5%		
16	Niyagama PS	110.0	9,302	34,310	2,000	4		2					35.3%	47.1%	5.9%	5.9%				5.9%	3%	✓	
17	Rajgama PS	49.3	17,239	83,017	4,000	13		1		1			20.0%	60.0%	10.0%					10.0%	7%	✓	✓
18	Tawalama PS	188.8	8,351	36,290	2,000	3							1.5%	50.0%	0.5%	0.5%	20.0%	0.5%	1.5%	25.5%	12%		
19	Welivita Divithura PS	55.0	8,009	33,632	1,000	6		2					5.0%	90.0%						5.0%	5%		
20	Yakkalamulla PS	111.5	12,184	50,640	2,500	7		3	1				17.4%		23.3%	23.3%	1.2%	11.6%	5.8%	17.4%	7%	✓	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

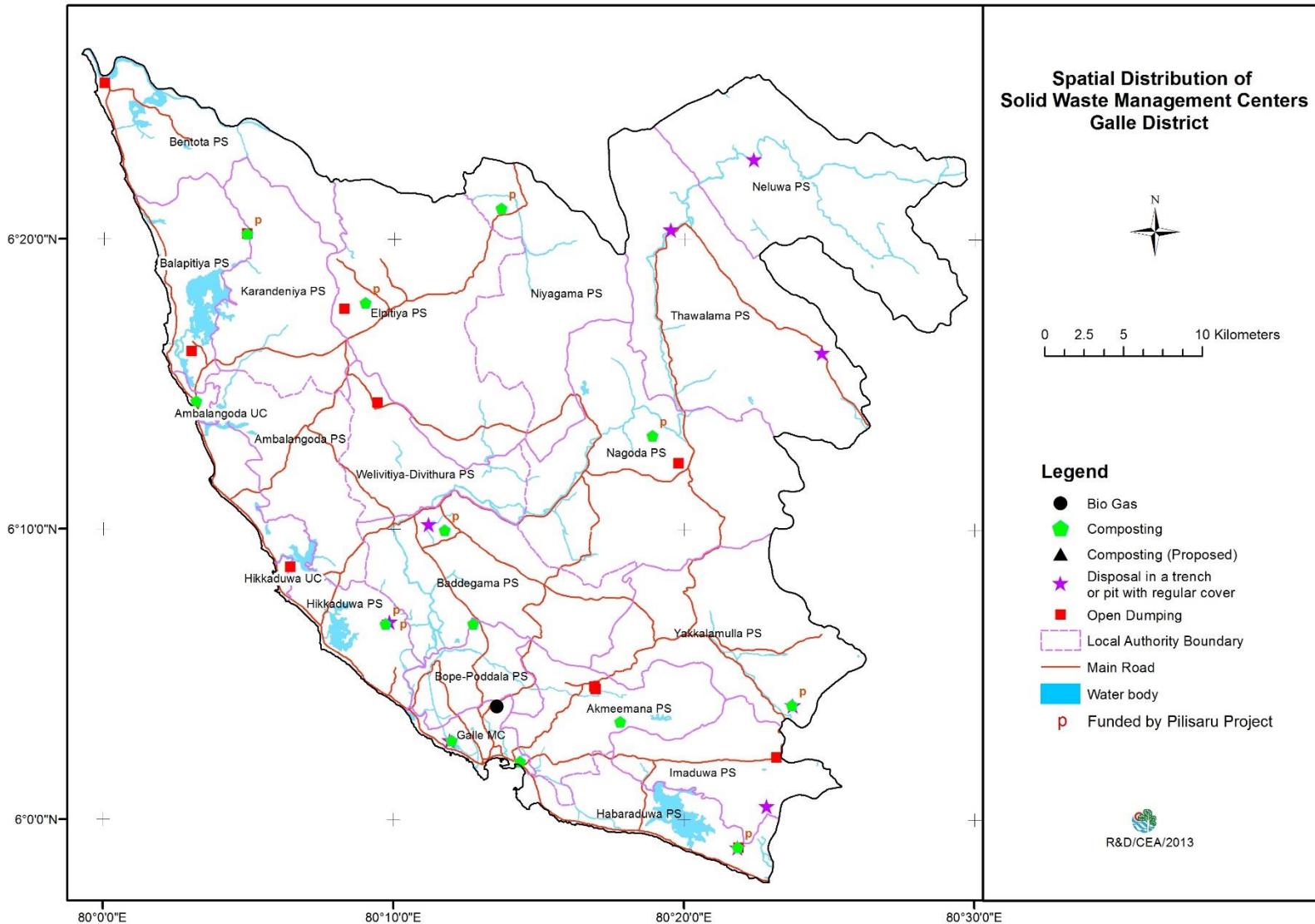
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 14: Spatial distribution of solid waste management centres in Galle district**



**Table 21: Key Statistics of solid waste management by Local Authority in Matara district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes		
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Akuressa PS	148.8	13,055	53,743	5,000	12		2	1				50.0%	30.0%	0.2%	4.0%	0.2%	12.0%	3.6%	16%			
2	Athuraliya PS	63.0	8,787	32,582	2,000	6		1	1				7.7%	27.3%	17.3%	8.7%	17.7%	7.3%	6.0%	8.0%	4%		
3	Devinuwara PS	39.2	11,189	46,674	1,000	27		3	2				2	14.3%	20.4%	30.7%	2.0%	20.4%	1.4%	10.2%	0.4%	20%	
4	Dikwella PS	51.2	15,354	53,151	3,000	15		1		1			2	32.3%	54.9%	6.1%			0.7%	6.0%		7%	
5	Hakmana PS	48.4	8,104	31,280	4,000	8		2						1.3%	50.0%	12.5%	5.0%	12.5%	0.5%	5.0%	13.3%	16%	
6	Kamburupitiya PS	60.9	12,360	45,987	4,000	13		2	1				1	4.0%	17.1%	11.1%	7.1%	8.6%	6.6%	5.0%	40.5%	8%	
7	Kirinda Puhulwella PS	38.0	5,910	22,337	2,000	7		1	1					4.8%	77.3%	3.4%	0.4%	0.5%	1.9%	2.9%	8.8%	5%	✓
8	Kotapola PS	177.5	16,055	69,072	2,000	9		3	1				1	5.6%	81.3%	0.0%	2.8%		6.3%	2.8%	1.3%	44%	✓
9	Malimbada PS	36.3	9,487	33,579	3,000	6		2						5.7%	64.7%	10.0%	3.0%	6.7%	2.0%	8.0%		68%	✓
10	Matara MC	12.8	15,838	74,771	35,000	231		14	5				4	4.2%	43.4%	0.4%	1.0%	17.6%		0.9%	32.4%	24%	✓
11	Matara PS	41.1	9,941	39,216	5,000	22		4	2					5.0%	40.0%	15.0%	2.5%	10.0%	15.0%	10.0%	2.5%		✓
12	Mulatiyana PS	115.0	12,500	60,000	2,000	6		3	1					13.7%	51.4%	5.5%	1.4%	6.8%	1.4%	3.4%	16.4%	17%	✓
13	Pasgoda PS	148.3	15,517	60,613	500	7		3						0.4%	96.9%	1.0%	0.2%	1.0%	0.2%	0.2%	0.1%	5%	
14	Pitabeddara PS	141.6	13,350	54,690	2,000	2		2					2	33.0%	38.0%	5.0%	2.0%	2.0%	1.0%	15.0%	4.0%	7%	
15	Tihagoda PS	52.8	8,700	33,384	1,500	4		2	1					8.0%	66.7%	2.0%	3.3%	20.0%				6%	
16	Weligama PS	101.4	31,831	116,653	2,000	16	1	5	1					12.5%	75.0%	12.5%						12%	
17	Weligama UC	6.7	5,813	23,488	18,000	56		9	2				6								40%	✓	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

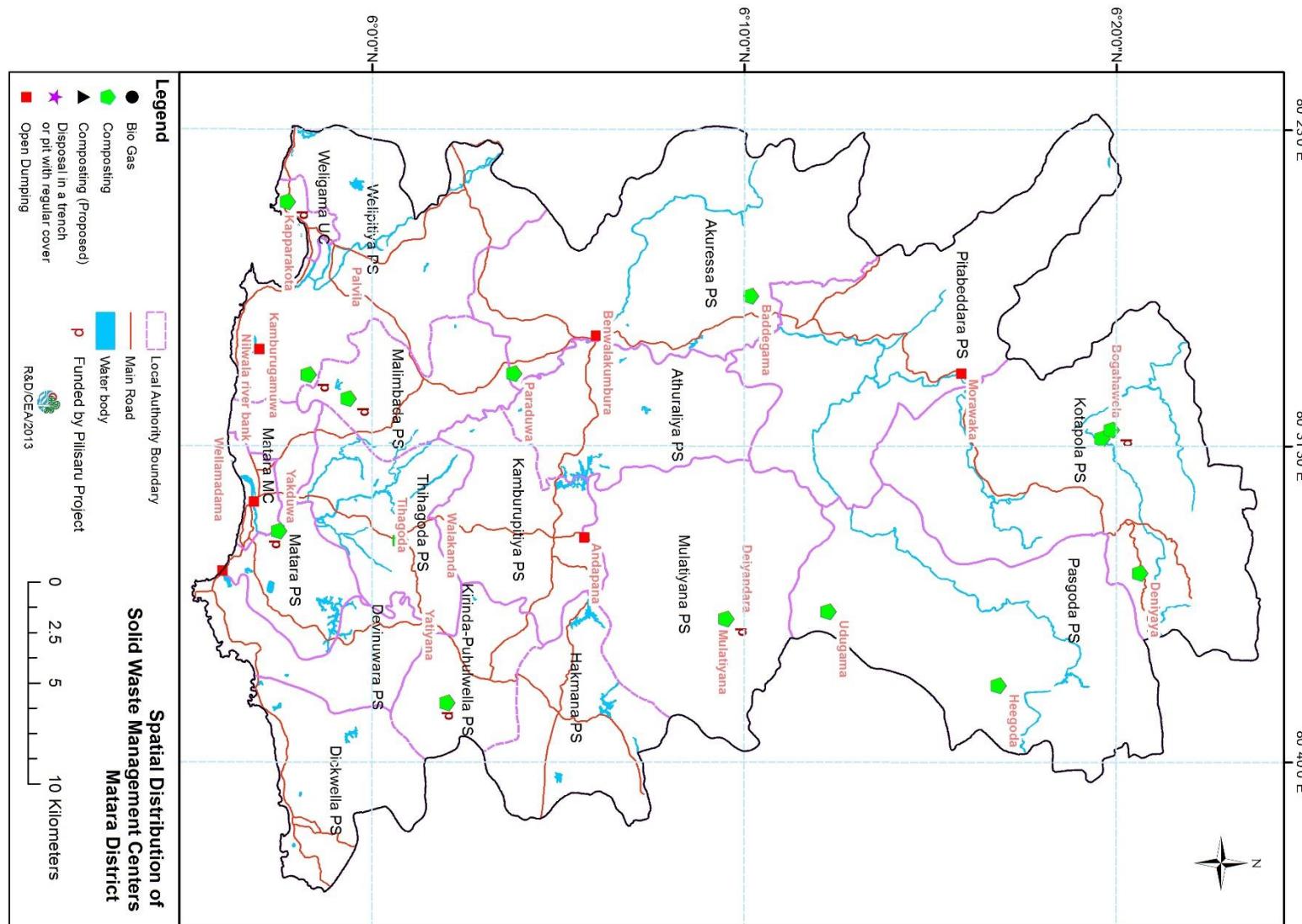
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 15: Spatial distribution of solid waste management centres in Matara district**



**Table 22: Key Statistics of solid waste management by Local Authority in Hambantota district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipments used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes	
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste		
1	Ambalantota PS	213.0	20,325	83,634	5,000	30		4	1			2	7.7%	77.2%	6.6%	0.9%	1.8%	0.9%	0.9%	4.1%	7%	✓
2	Angunakolapelessa PS	169.7	13,505	52,933	1,000	7		1					1.0%	48.3%	38.6%	0.2%	2.4%	0.5%	1.0%	8.0%	10%	✓
3	Beliatta PS	97.5	16,430	62,789	4,000	5		2				4	8.0%	65.0%	15.0%	2.0%		1.0%	5.0%	4.0%	16%	✓
4	Hambantota PS	308.2	13,879	50,320	1,000	1		1													✓	
5	Hambantota MC	10.1	2,731	10,856	10,000	36		6					4.6%	73.6%	4.6%		2.3%	2.8%	2.8%	4.8%	38%	
6	Katuwana PS	169.0	17,963	73,620	3,000	14		3					11.0%	63.5%	10.7%	1.6%	2.2%	1.3%	9.7%		3%	
7	Lunugamwehera PS	247.0	7,941	31,098	1,000	6		2				1	14.3%	25.7%	24.3%			15.7%	20.0%		16%	✓
8	Sooriyawewa PS	167.7	10,330	46,300	3,000	17		4					17.2%	68.7%	3.4%	0.3%	1.0%	5.2%	3.4%	0.7%	20%	
9	Tangalla PS	150.0	15,784	55,059	2,000	5	1	4	1				10.0%	50.0%	25.0%	2.0%	5.0%	0.5%	2.5%	5.0%	6%	
10	Tangalla UC	2.7	2,365	10,973	12,000	62	1	4			1	5	6.2%	49.3%		1.5%	15.0%	1.1%	5.3%	21.8%	36%	
11	Tissamaharama PS	842.0	18,785	73,556	6,000	43		3				6	3.8%	73.8%	2.0%		2.0%	1.2%	1.2%	16.0%	8%	✓
12	Weeraketiya PS	205.1	23,600	88,966	2,000	20		5				1	5.0%	79.9%	0.5%	0.5%	2.0%	1.0%	2.0%	9.2%	30%	✓

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

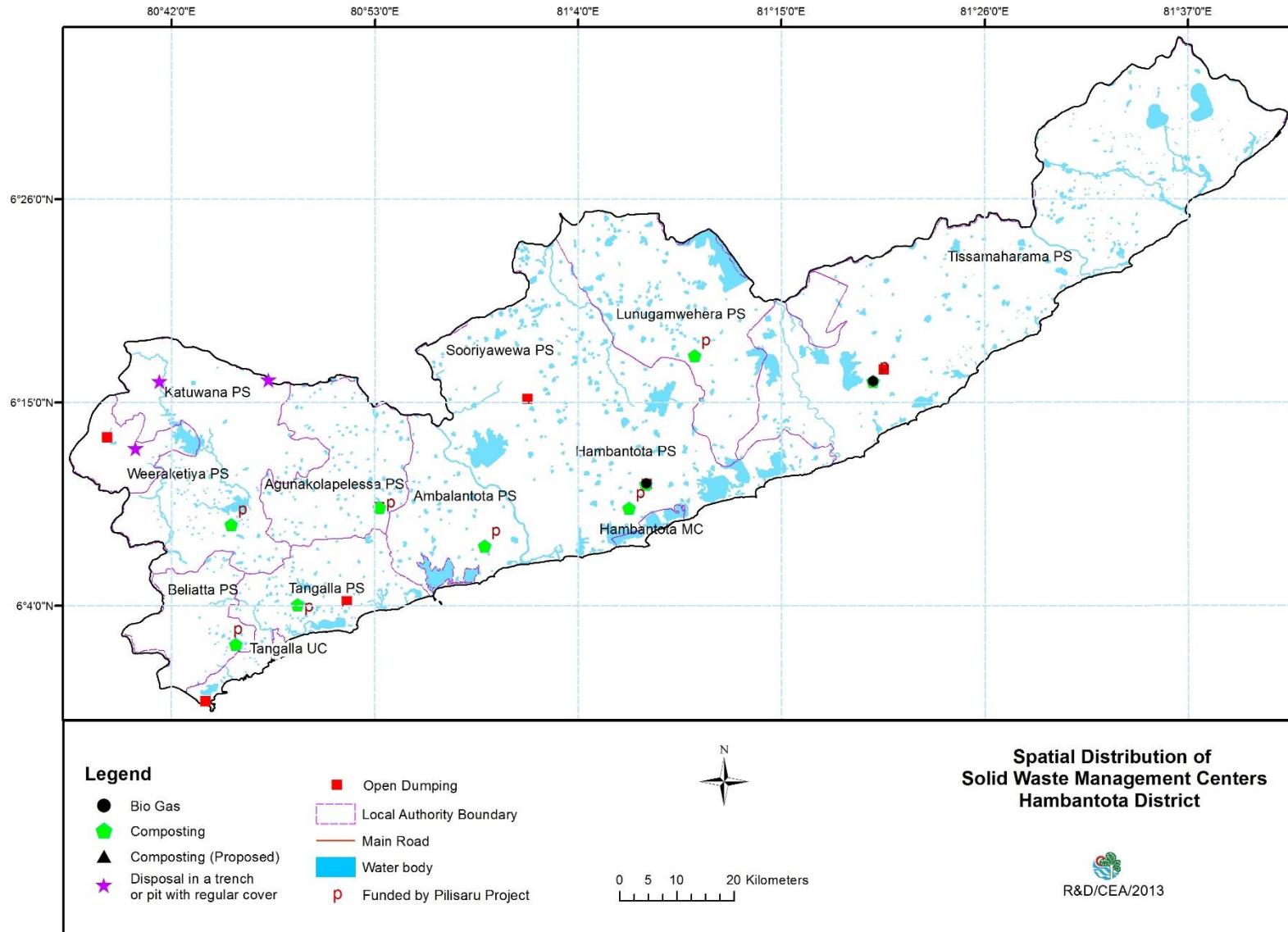
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 16: Spatial distribution of solid waste management centres in Hambantota district**

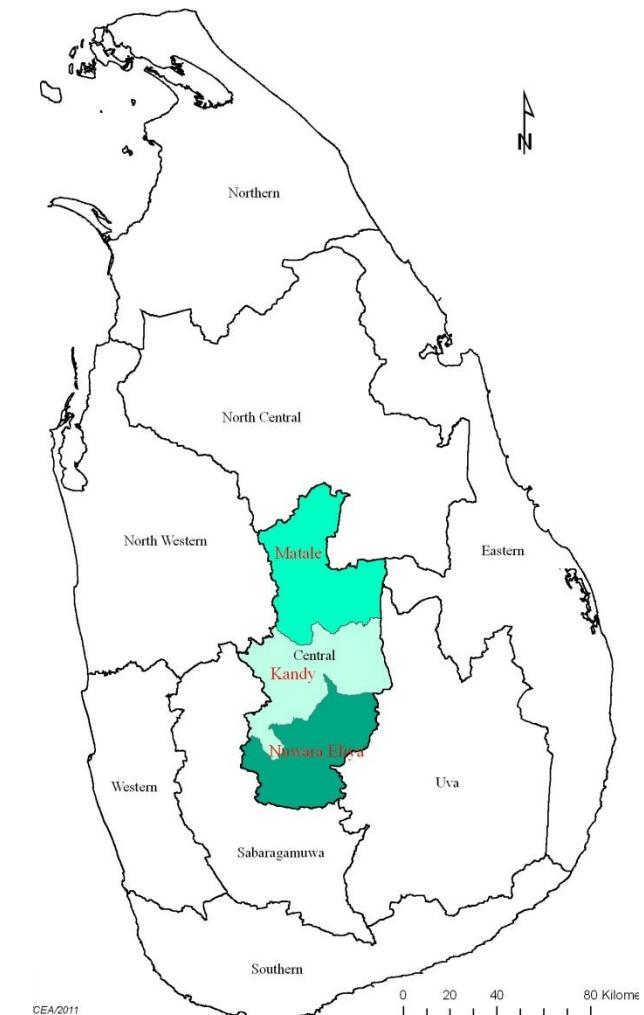
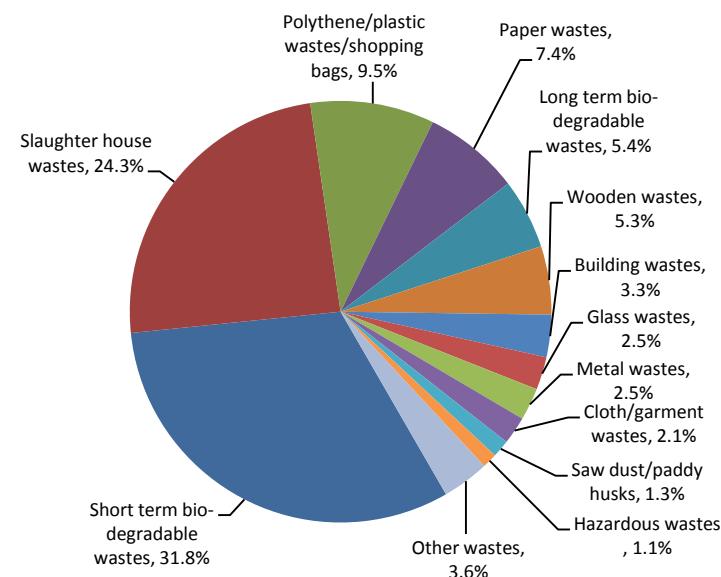


# Central Province

Area (km<sup>2</sup>)- 5,584

District	No. of Local Authorities			
	MC	UC	PS	All
Kandy	1	4	17	<b>22</b>
Matale	2		11	<b>13</b>
Nuwara Eliya	1	2	5	<b>8</b>
<b>Central Province</b>	<b>4</b>	<b>6</b>	<b>33</b>	<b>43</b>

## Composition of Solid Waste - Central Province



**Table 23: Key Statistics of solid waste management by Local Authority in Kandy district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)						Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes	Availability of sanitary landfill facility			
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste				
1	Akurana PS	32.4	12,850	61,288	4,000	10	1	4		1		2	4.8%	71.3%	1.6%	0.4%		1.6%	7.1%	13.1%		✓	✓	
2	Gampola UC	8.1	9,148	40,550	12,000	59		7	1			19	15.0%	65.0%	3.0%	2.0%	2.0%	2.0%		11.0%	40.0%			✓
3	Ganga Ihala Kora PS	203.0	15,000	61,000	3,000	10		2	1			1	15.0%	70.0%	2.5%	0.0%	1.5%	5.0%	2.5%	3.5%	18.0%			✓
4	Harispattuwa PS	65.0	23,007	89,202	2,000	7		2		1			20.0%	50.0%	15.0%	1.0%			5.0%	9.0%	13.7%			
5	Kadugannawa UC	5.3	3,423	18,143	2,000	16		3				5	5.9%	84.0%	1.0%	1.0%	1.3%	1.3%	1.5%	4.1%	22.3%			✓
6	Kandy Four Gravets and Gangawatta Korale PS	61.4	14,928	89,457	9,000	10		3					20.0%	48.1%	17.0%	2.0%	0.3%	0.3%	7.0%	5.3%	57.0%			✓
7	Kandy MC	24.0	25,000	125,000	130,000	490		17		7	2	130	8.0%	60.0%	2.0%	1.0%	5.0%	1.0%	5.0%	18.0%	12.0%			✓
8	Kundasale PS	84.8	32,577	127,514	4,000	23		3			1	7	19.2%	38.5%	6.4%	7.7%	5.1%	5.1%	5.1%	12.8%	5.0%			✓
9	Meda dumbara PS	165.9	17,745	65,178	3,000	12		2				4	3.3%	93.3%					0.3%	0.7%	2.7%	7.0%		
10	Minipe PS	242.0	15,968	59,600	1,000	10		3				1	10.0%	60.0%	2.0%	2.0%	1.0%	2.0%	20.0%	3.0%	15.7%			
11	Nawalapitiya UC	2.6	3,563	14,254	10,000	62		5				15	6.1%	49.5%			20.2%	2.0%	18.2%	5.0%	22.7%			
12	Panwila PS	96.8	7,285	29,969	1,000	6		2	1			2	9.8%	58.5%	4.9%	4.9%	4.9%	1.0%	0.0%	14.6%				
13	Pasbage Korale PS	120.0	12,000	66,000	2,000	3						1	0.0%	60.0%	15.0%	1.0%	10.0%	2.4%	3.0%	9.0%				
14	Pathadumbara PS	42.5	16,119	88,932	2,000	9		2				5	0.5%	80.0%	5.0%	0.5%	0.0%	0.0%	10.0%	4.0%				✓
15	Pathahewaheta PS	128.0	24,902	130,600	3,000	14		4					9.0%	86.0%				2.0%	3.0%				✓	
16	Pujapitiya PS	54.0	15,628	64,494	2,500	9		1				3	15.6%	62.5%	21.9%						17.4%			
17	Thumpane PS	109.2	16,294	72,433	2,000	12		2				2	20.0%	29.9%	5.0%		10.0%		10.0%	25.1%	10.0%			
18	Udapalatha PS	180.3	36,476	156,068	5,000	30		2			2	12	2.0%	69.0%	5.0%	3.0%	2.0%	1.0%	2.0%	16.0%	18.0%			✓
19	Ududumbara PS	280.2	6,200	24,845	2,000	5		2				2	5.0%	95.0%							6.0%			
20	Udunuwara PS	66.8	27,994	115,532	4,000	14		2				2	20.0%	20.0%	5.0%	10.0%	4.0%	10.0%	10.0%	2.0%	10.0%			
21	Wattegama UC	2.59	3,346	16,000	3,000	22		3	2			2	8.1%	51.6%	2.9%	1.3%	0.3%	0.3%	1.6%	21.3%	24.0%			
22	Yatinuwara PS	63.0	24,500	98,000	3,000	10		3				2	4.8%	72.7%	14.4%	0.5%	0.5%	1.0%	5.0%	6.2%				✓

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

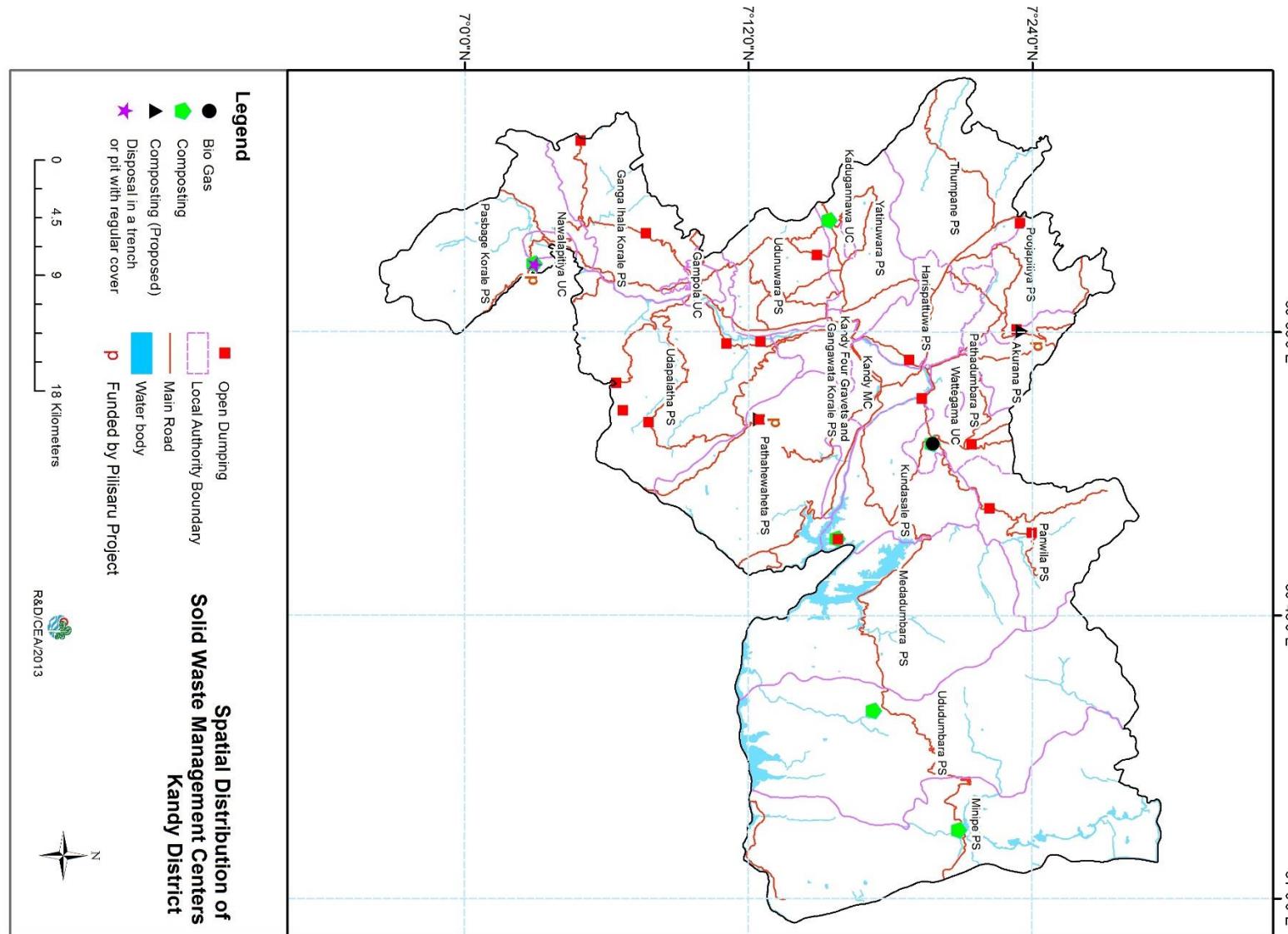
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 17: Spatial distribution of solid waste management centres in Kandy district**



**Table 24: Key Statistics of solid waste management by Local Authority in Matale district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipments used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes		
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Abanganga Korale PS	54.93	18,346	5,292																			
2	Dambulla MC	58.25	5,950	22,627	5,000	32		4					4	5.1%	83.3%	1%	1.5%	1%	1%	1.8%	5.3%	19%	
3	Dambulla PS	456.3	65,651	19,768	300	23	1	3	1				2	8.6%	42.9%	14.3%	0.0%	5.7%	5.7%	5.7%	17.1%	13.4%	
4	Galewala PS	192.4	74,786	21,692	3,000	16		3						25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	75.0%	11.5%	
5	Laggala-Pallegama PS	389	13,062	3,500	250	4		2					1	7.5%	12.5%	12.5%	7.5%	12.5%	5.0%	5.0%	37.5%	2.0%	
6	Matale MC	8.6	41,000	7,500	24,000	40		5	2	1	1	20	7.3%	0.2%	1.7%	2.1%	0.0%	2.3%	8.8%	77.6%	40.0%	✓	
7	Matale PS	61.3	11,999	6,500	2,000	12		4	1				1	0.5%	69.2%	4.9%	0.0%	24.7%	0.2%	0.0%	0.2%	15.0%	✓
8	Naula PS	250.1	33,696	9,622	2,000	5		2	1					2.0%	55.0%	20.0%	0.2%	4.0%	0.6%	10.0%	8.2%	3.4%	
9	Pallepola PS	80.5	31,452	8,125	1,500	4							1	14.3%	53.1%	0.0%	2.0%	6.1%	1.0%	20.4%	3.1%	3.0%	
10	Rattota PS	92.07	56,205	16,275	3,500	9		3					1	2.9%	57.1%	5.7%	5.7%	14.3%	2.9%	0.0%	11.4%	2.0%	✓
11	Ukuwela PS	87.7	70,149	17,911	3,500	8	1	2					2	3.2%	48.4%	29.1%	1.9%	1.3%	0.6%	3.2%	12.2%	0.7%	✓
12	Wilgamuwa PS	262.9	32,201	7,043	1,000	5		2						5.6%	11.1%	27.8%	3.3%	11.1%	2.2%	5.6%	33.3%	5.5%	
13	Yatawatta PS	65.71	32,848	6,500	1,000	5		2						5.0%	65.0%	5.0%	2.0%	3.0%	3.0%	6.0%	11.0%	25.0%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

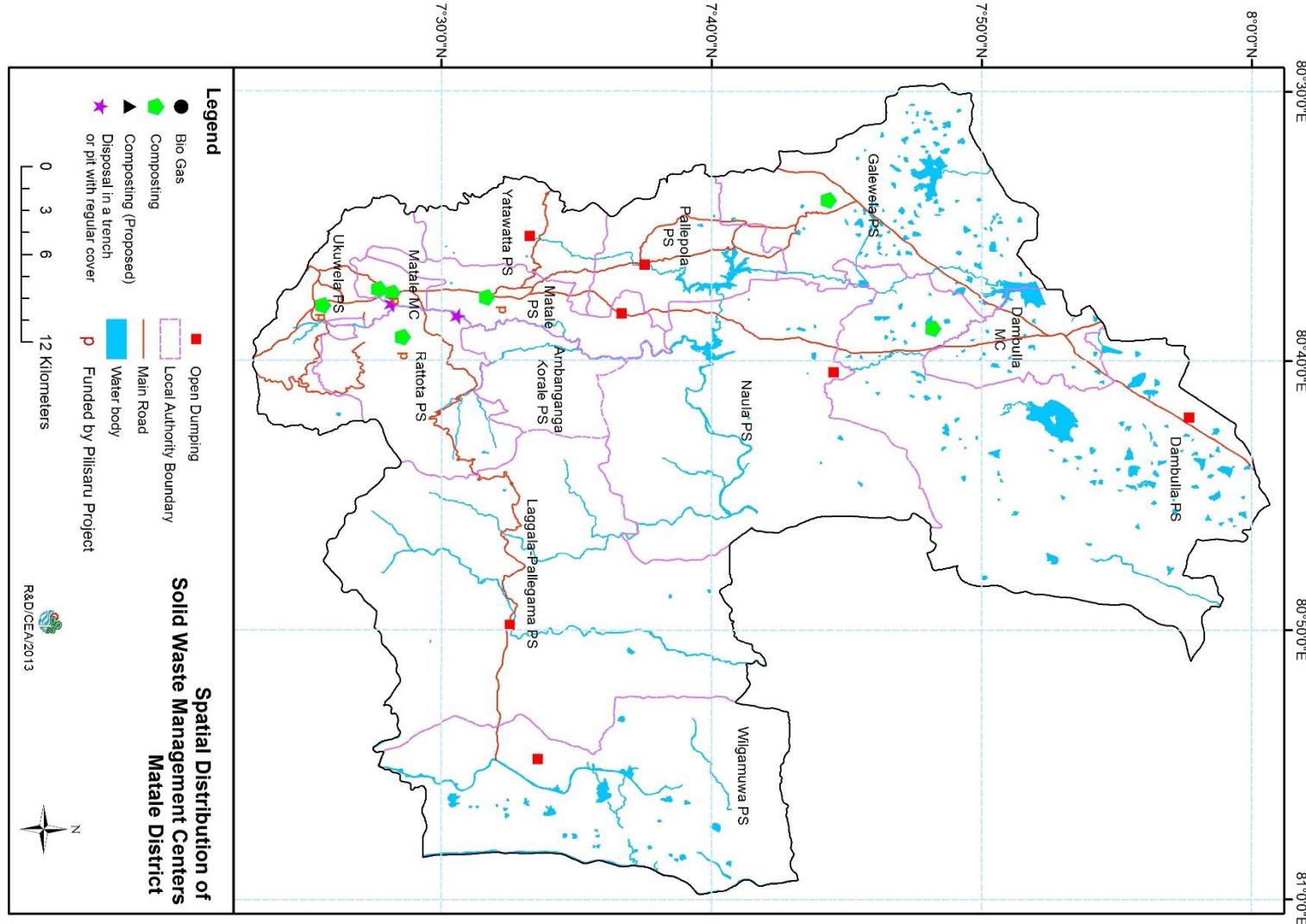
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 18: Spatial distribution of solid waste management centres in Matale district**



**Table 25: Key Statistics of solid waste management by Local Authority in Nuwaraeliya district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes		
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Ambagamuwa PS	478	201,957	61,255	10,000	54		5					12	6.2%	12.3%	3.1%	6.2%	18.5%	3.1%	6.2%	44.4%		
2	Hanguranketha PS	231	85,839	17,167	1,000	11	1							5.4%	27.2%	8.2%	2.7%	0.0%	10.9%	27.2%	18.5%		
3	Hatton-Dickoya UC	4	38,000	7,600	10,000	66		5					14	9.5%	66.7%	2.4%	2.4%	1.9%	1.9%	4.8%	10.5%	23.3%	
4	Kothmale PS	211	114,000	29,720	3,000	14		1	1	8			2	45.2%	38.7%	3.2%	0.1%	3.2%	0.6%	3.2%	5.7%	11.5%	
5	Nuwara Eliya MC	12	35,000	7,492	22,000	107		6					24	0.9%	71.2%	0.8%	1.9%	0.9%	0.9%	11.4%	11.9%	24.0%	
6	Nuwara Eliya PS	457	189,387	39,728	4,000	46		4					15	8.3%	66.7%	8.3%	0.8%	1.7%	0.3%	3.3%	10.5%		
7	Thalawakele Lindula UC	2	12,999	2,185	4,000	24		2			1	1	7.5%	66.7%	8.5%	1.5%	1.7%	0.3%	3.3%	10.5%		✓	
8	Walapane PS	313	106,350	21,210	4,000	22		3	2				4	0.4%	0.7%	0.3%	0.1%	0.1%	0.4%	61.2%	36.7%	25.0%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

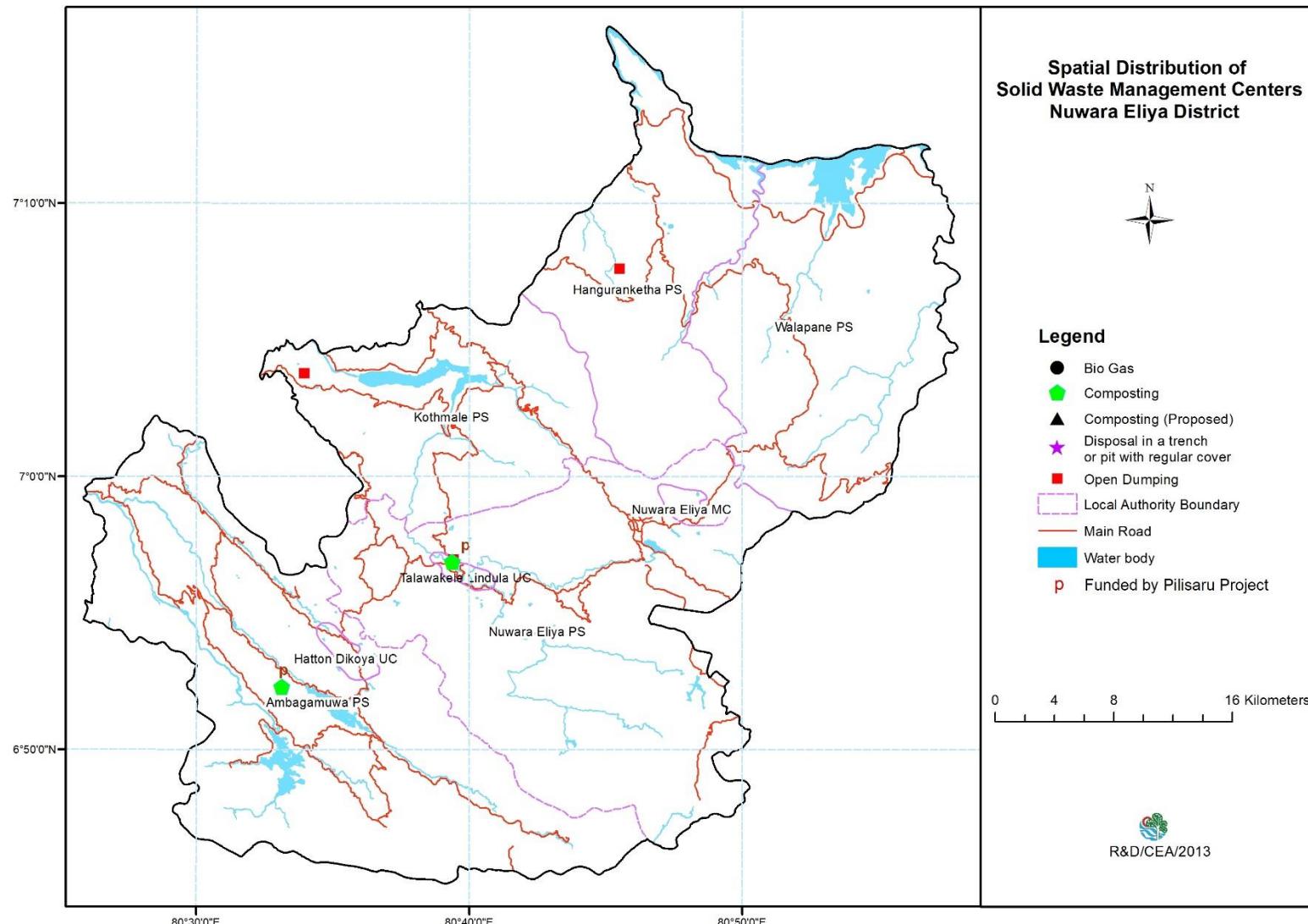
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 19: Spatial distribution of solid waste management centres in Nuwaraeliya district**

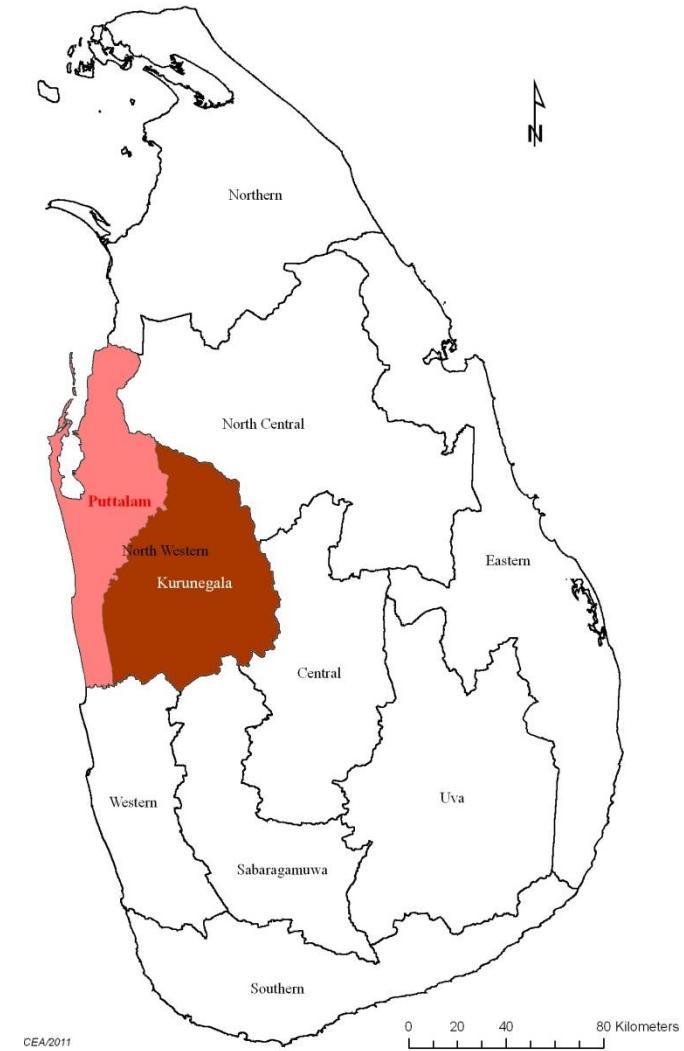
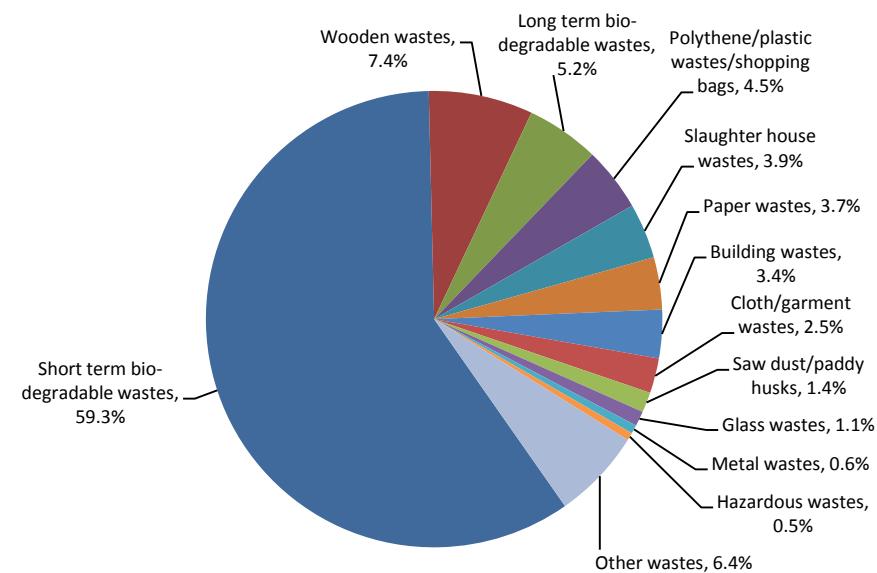


## North Western Province

Area (km<sup>2</sup>) – 7,812

District	No. of Local Authorities			
	MC	UC	PS	All type
Kurunegala	1	1	19	<b>21</b>
Puttalam		2	10	<b>12</b>
North Western Province	<b>1</b>	<b>3</b>	<b>29</b>	<b>33</b>

### Composition of Solid Waste – North Western Province



**Table 26: Key Statistics of solid waste management by Local Authority in Kurunegala district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste		
1	Allauwa PS	238.7	32,000	136,397	7,000	59		4	2			2	0.4%	58.0%	8.3%	0.2%	24.9%	0.5%	1.7%	6.0%	14%	✓
2	Bingiriya PS	902.1	16,558	66,146	4,000	3		3	1				5.0%	50.0%	15.0%		2.5%	2.5%	5.0%	20.0%	8%	✓
3	Galgamuwa PS	448.9	22,926	100,347	6,000	17		3	3				0.8%	50.0%	8.3%	0.8%	16.7%	0.8%	12.5%	10.0%	9%	✓
4	Giribawa PS	194.0	10,641	36,576	2,000			3														
5	Ibbagamuwa PS	366.7	23,761	118,805	5,000	28		3					2.9%	67.0%	10.7%	0.0%	7.1%		2.9%	9.4%	3%	
6	Kobeiganay PS	124.7	9,913	38,000	2,000	8		2	1				3.5%	96.3%		0.1%		0.1%			8%	✓
7	Kuliyapitiya PS	365.8	29,100	130,953	3,000	20		4	1			1	3.0%	70.0%	12.0%		5.0%		4.0%	6.0%	3%	
8	Kuliyapitiya UC	3.8	2,321	11,768	10,000	56		4	1			6	10.7%	32.2%	5.4%		21.5%	1.1%	8.6%	20.5%	18%	
9	Kurunegala MC	11.3	5,603	30,700	35,000	149		3		6		28	1.6%	85.4%	0.8%	0.1%	0.1%	0.8%	0.1%	11.0%	8%	✓
10	Kurunegala PS	327.0	35,497	159,738	5,000	19		6				3	5.0%	67.0%	4.0%		5.0%	0.5%	5.5%	13.0%	3%	✓
11	Mahawa PS	409.8	24,262	84,330	1,000	13		2				3	5.0%	25.0%	15.0%	10.0%	10.0%	5.0%	24.0%	6.0%	11%	✓
12	Mawathagama PS	62.5	18,071	67,480	5,000	21		3			1	2	7.5%	63.7%	2.5%		21.2%		5.0%	0.1%	7%	✓
13	Narammala PS	99.8	15,454	57,508	10,000	27		4					30%	60%	2%		1%	1%	1%	5%	6.5%	✓
14	Nikeweratiya PS	456.6	27,357	93,856	2,000	20		3	1			3	2.0%	70.1%	10.0%		10.0%	2.6%	2.6%	2.6%	3%	✓
15	Panduwashuwara PS	261.9	27,832	101,545	2,000	18		3	1			6	3.9%	73.2%	3.7%		14.6%	2.4%	1.0%	1.2%	4%	
16	Pannala PS	291.4	32,313	131,150	3,000	28		4	1			3	6.7%	66.7%	16.7%		0.7%		1.0%	8.3%	6%	✓
17	Polgahawela PS	222.8	26,512	97,088	4,000	50		5	1			6	5.0%	60.0%	12.5%		8.8%		5.0%	8.7%	21%	✓
18	Polpithigama PS	379.4	24,230	88,464	1,000	7		1	1			3	88.6%	10.2%	0.7%		0.5%				0%	✓
19	Ridigama PS	133.2	24,354	93,247	2,000	12		4	1			2	1.5%	85.9%	0.7%		11.5%	0.1%	0.3%		3%	✓
20	Udubaddawa PS	287.3	13,011	56,176	2,000	12		4			1	6	3.3%	73.3%	13.3%		3.3%		1.7%	5.0%	6%	✓
21	Wariyapola PS	237.0	26,416	120,000	2,000	39		3	2			2	3.2%	79.4%	0.5%		13.2%		2.6%	1.1%	3%	✓

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

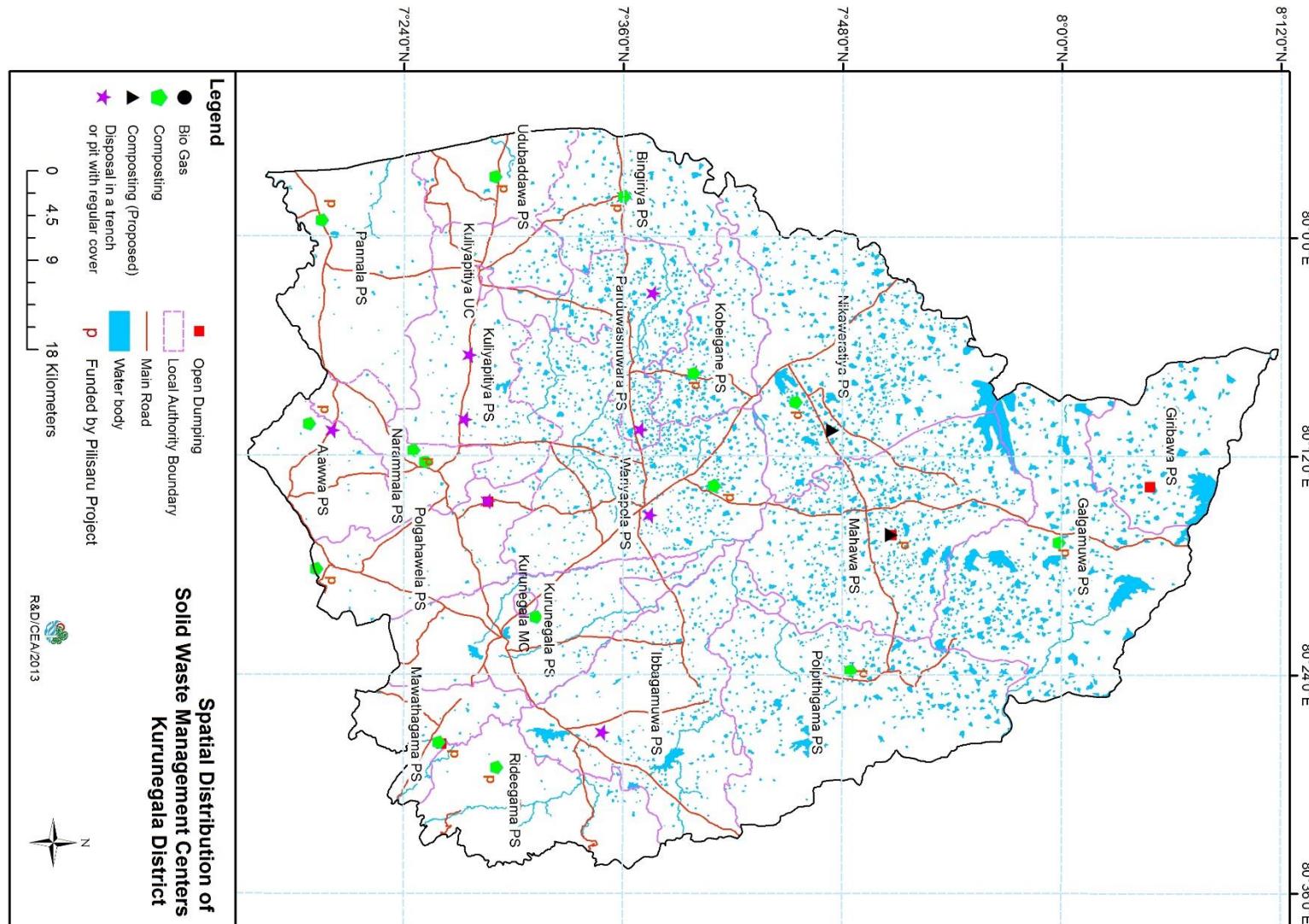
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 20: Spatial distribution of solid waste management centres in Kurunegala district**



**Table 27: Key Statistics of solid waste management by Local Authority in Puttalam district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste		
1	Anamaduwa PS	495.0	21,719	91,639	3,000	22		4	1			4	15.9%	22.7%	4.5%	2.3%	6.8%	2.3%	13.6%	31.8%	12%	✓
2	Arachchikattuwa PS	225.0	16,202	72,989	1,000	14		2	2				0.9%	40.0%	6.7%		40.0%	1.3%	6.7%	4.4%	17%	
3	Chilaw PS	69.5	22,526	93,014	12,000	22		5				5	5.3%	60.0%				1.3%		33.3%	13%	
4	Chilaw UC	6.4	5,220	24,096	18,000	73		7	1			8	1.4%	38.9%	2.8%	2.8%	11.1%	1.4%	9.7%	31.9%	8%	
5	Kalpitiya PS	223.5	37,525	110,000	12,000	33		7	2			2	1.4%	64.4%	18.4%	0.5%	9.2%	0.3%	0.9%	5.0%	24%	
6	Karuwalagaswewa PS	517.6	5,735	23,772	100	5		3					5.6%	64.8%	9.3%		7.4%		7.4%	5.6%	2%	
7	Naththandiya PS	168.3	36,262	122,154	9,000	61		9	1				1.3%	81.3%	6.3%	1.3%	6.3%	1.3%	0.6%	1.9%	1%	
8	Nawagaththegama PS	167.0	5,008	16,476	500	7		3					4.0%	68.0%	6.0%		16.0%		6.0%		9%	
9	Puttalam PS	191.0	16,000	100,000	4,000	15		2	2				16.0%	52.0%		6.0%	8.0%	10.0%	8.0%		12%	✓
10	Puttalam UC	25.2	10,070	58,000	8,000	96		6	1			2	18.6%	59.9%	0.7%		14.3%		5.0%	1.5%	39%	✓
11	Wanathawilluwa PS	710.4	4,802	18,324	1,000	6		3				2	4.0%	72.0%	2.0%		18.0%		4.0%		17%	✓
12	Wennappuwa PS	124.0	34,948	160,000	20,000	73		10	1			2	0.4%	35.8%	2.9%		2.1%	0.5%	0.9%	57.6%	10%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

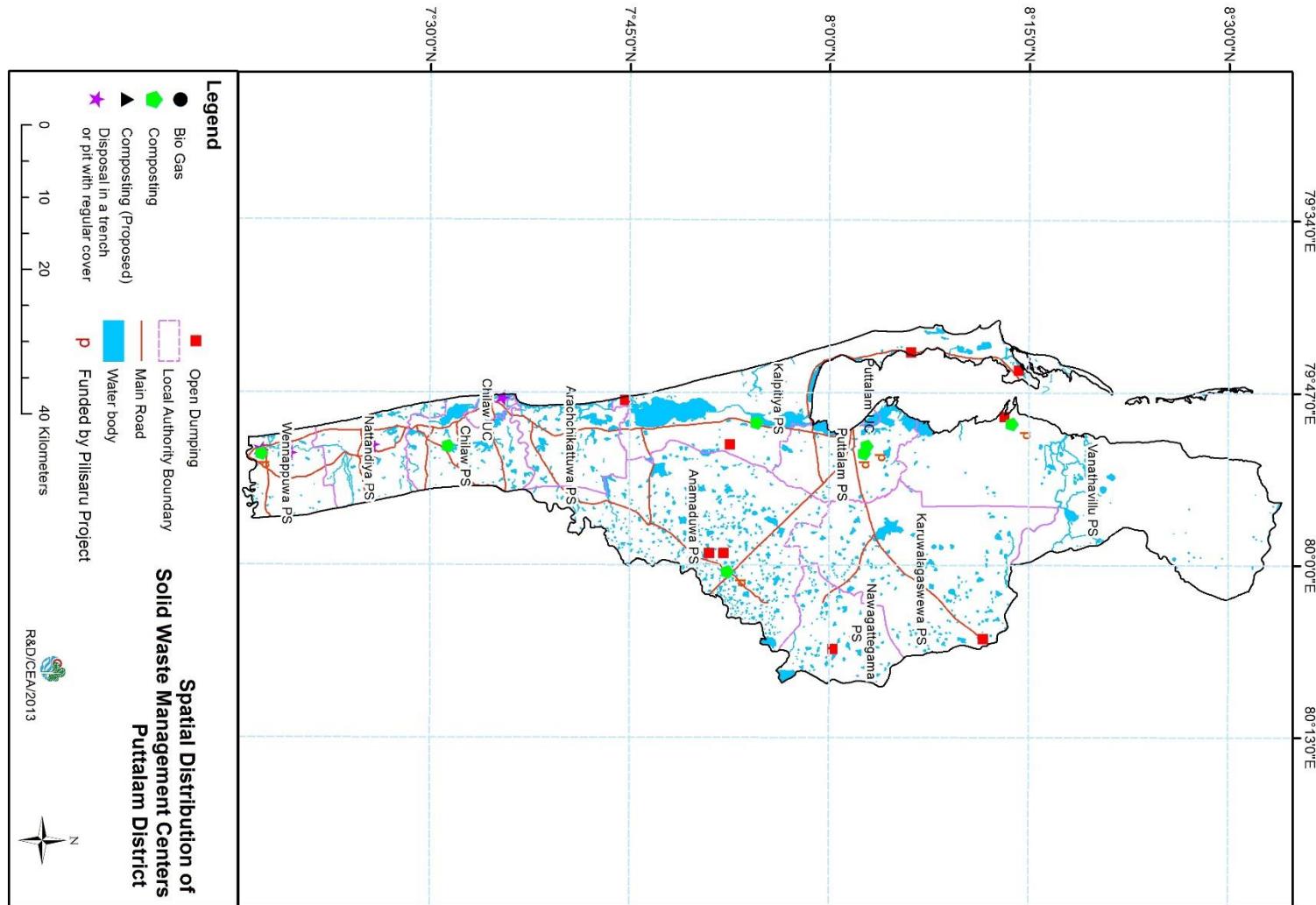
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 21: Spatial distribution of solid waste management centres in Puttalam district**

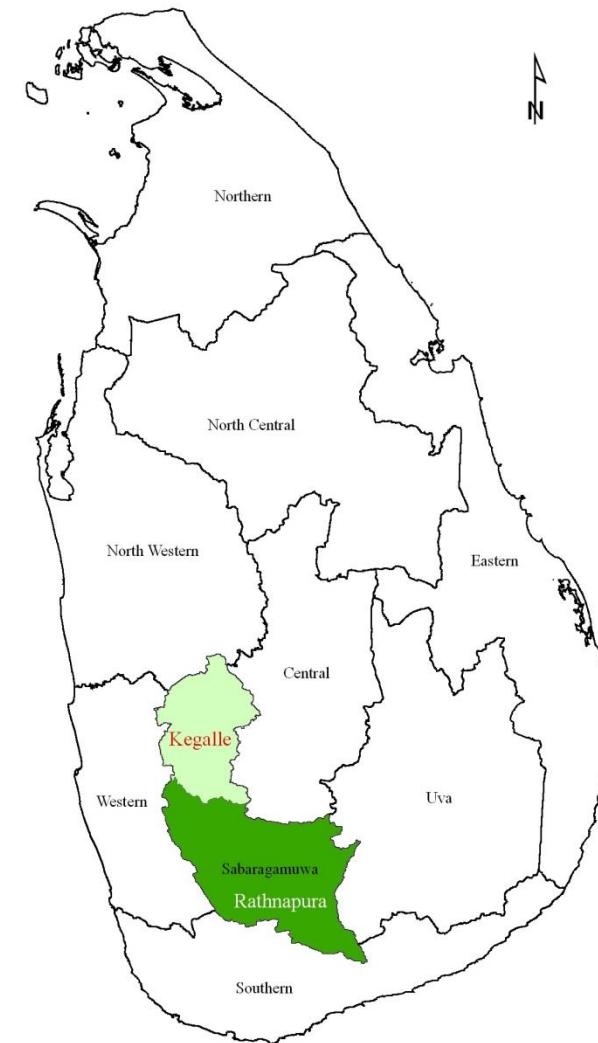
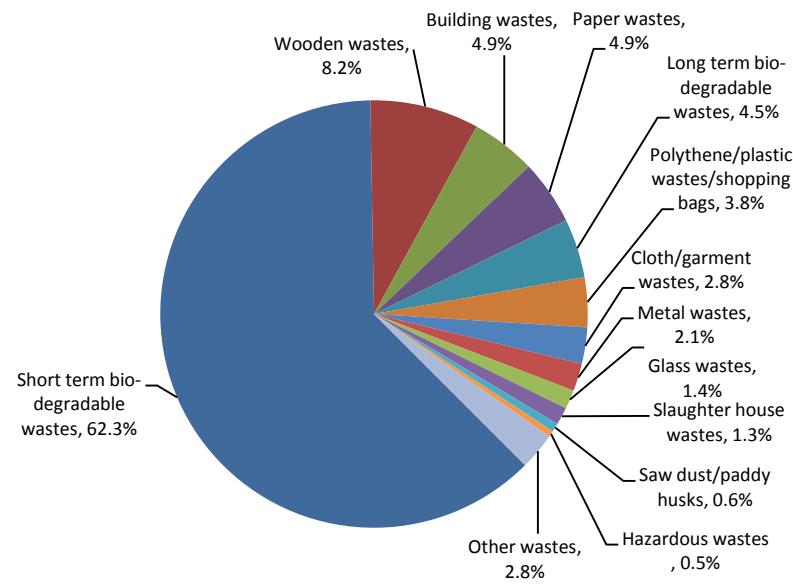


## Sabaragamuwa Province

Area (km<sup>2</sup>) - 4,902

District & Province	No. of Local Authorities			
	MC	UC	PS	All type
Kegalle		1	11	12
Ratnapura	1	2	14	17
<b>Sabaragamuwa Province</b>	<b>1</b>	<b>3</b>	<b>25</b>	<b>29</b>

### Composition of Solid Waste – Sabaragamuwa Province



**Table 28: Key Statistics of solid waste management by Local Authority in Kegalle district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste		
1	Aranayaka PS	103.2	18,636	68,556	1,000	10		2				2	10.6%	59.8%	3.1%	2.0%	0.0%		15.4%	9.1%	12%	
2	Bulathkohupitiya PS	125.2	16,666	50,000	2,000	7		1	1			0	9.4%	37.7%	4.7%	0.4%	4.7%	3.8%	28.2%	11.1%	16%	✓
3	Dehiovita PS	230.6	19,432	85,132	3,500	17		2	1			5	10.0%	70.0%	5.0%	2.5%	0.0%	1.0%	1.0%	10.5%	10%	
4	Deraniyagala PS	217.6	11,693	45,000	2,000	7		1	1			0	6.5%	53.0%	7.0%	2.0%	6.5%	2.5%	10.0%	12.5%	8%	
5	Galigamuwa PS	121.9	20,692	82,011	3,000	10		2	1			0	12.4%	82.3%	4.2%		0.2%		0.8%		17%	
6	Kegalle PS	117.4	18,767	72,465	1,000	5		2				3	2.0%	83.5%	2.5%	1.5%	1.0%	0.5%	1.0%	8.0%	5%	
7	Kegalle UC	7.8	5,100	25,000	20,000	69		5				5	0.1%	87.4%	0.1%	0.1%	0.2%	0.1%	0.2%	11.7%	16%	✓
8	Mawanella PS	114.6	29,177	117,077	12,000	39		4		2		5	4.6%	68.3%	6.8%	0.9%		2.3%	1.1%	16.1%	5%	✓
9	Rambukkana PS	133.1	21,433	88,118	5,000	28		5				2	4.2%	64.9%	8.4%	7.2%	4.8%	2.6%	1.0%	6.8%	16%	✓
10	Ruwanwella PS	170.4	16,472	68,255	4,000	12	1	2				7	4.9%	59.7%	22.0%	2.9%	2.0%	2.0%	4.0%	2.4%	8%	✓
11	Warakapola PS	196.2	27,889	121,630	7,000	23		3				3	6.7%	46.7%	6.7%	2.7%			2.7%	34.7%	14%	
12	Yatiyantota PS	172.0	14,335	59,768	5,000	17		4				1	10.0%	50.0%	6.0%	5.0%	13.4%	3.2%	0.6%	11.8%	17%	✓

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

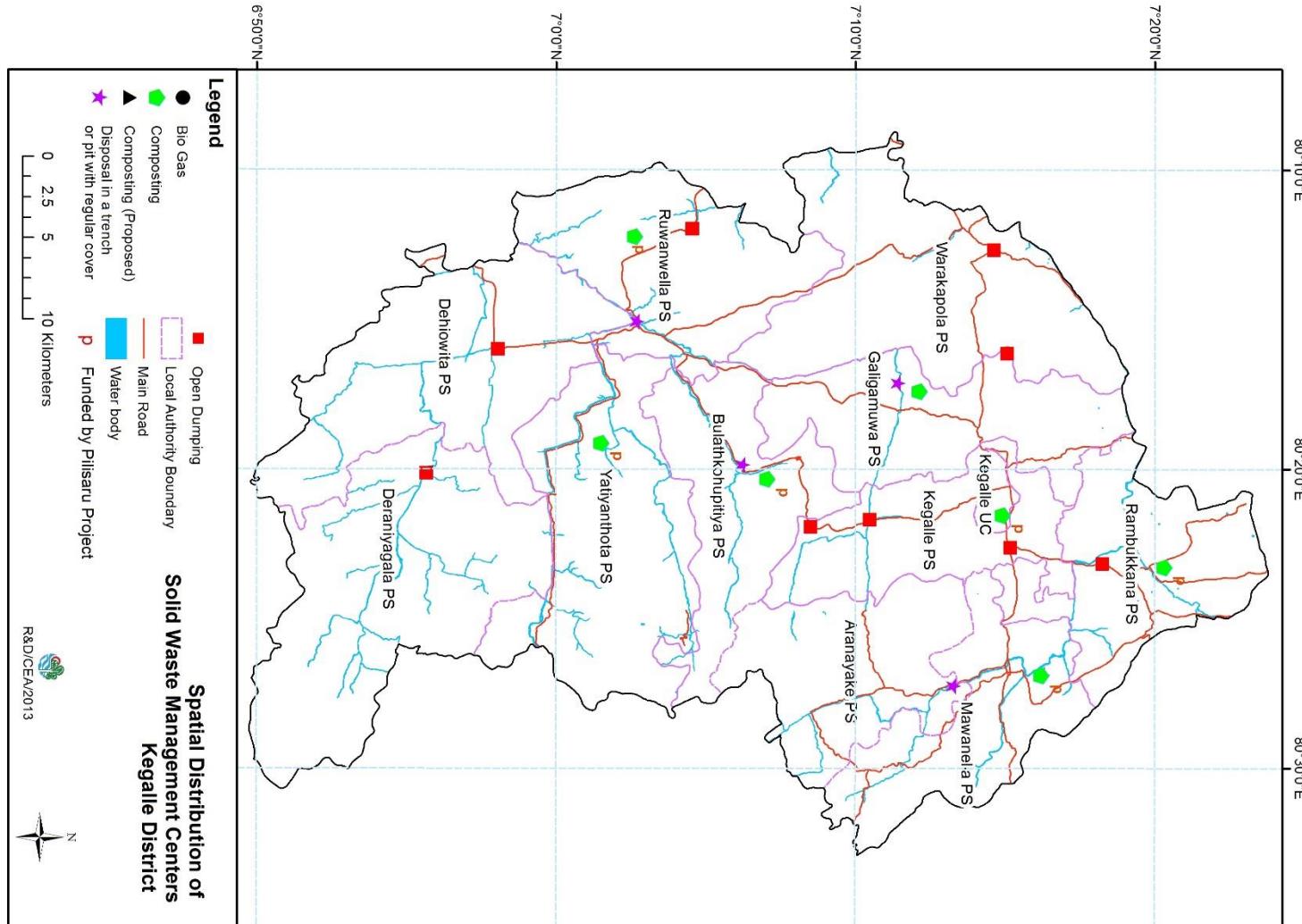
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 22: Spatial distribution of solid waste management centres in Kegalle district**



**Table 29: Key Statistics of solid waste management by Local Authority in Rathnapura district**

No	Name of the Local Authority	Area (km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term )	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste	
1	Ayagama PS	151.6	8,335	33,687	500	4		2				2	0.8%	76.0%	10.4%	1.6%	3.6%	2.0%	3.0%	2.6%	3%
2	Balangoda PS	120.0	19,930	66,874	0			1				1									
3	Balangoda UC	16.2	4,900	23,875	20,000	38		4				3	0.6%	77.3%	0.2%	0.6%	2.5%	0.5%	6.4%	11.9%	30% ✓
4	Eheliyagoda PS	143.0	225	76,000	8,000	19		3				3	1.5%	89.5%	2.6%	0.5%	2.6%	1.5%	0.3%	1.5%	30%
5	Embilipitiya PS	140.5	30,000	121,410	1,000	10		2				3	1.9%	86.5%	3.7%	0.6%	3.7%	1.9%	0.6%	1.2%	5%
6	Embilipitiya UC	50.9	8,831	37,720	6,000	13		1	1			3	0.8%	83.6%	4.7%	0.1%	1.0%	0.5%	2.2%	7.1%	2%
7	Imbulpe PS	227.6	16,183	61,874	2,000	4		2					2.0%	46.0%	15.0%	3.0%	15.0%	2.0%	2.0%	15.0%	27%
8	Godakawela PS	171.3	20,634	78,863	2,000	19		3					10.0%	60.0%	6.0%		8.0%	0.8%	6.0%	9.2%	6%
9	Kahawatta PS	109.2	10,603	43,652	3,000	14		3	1				4.7%	81.3%	2.3%	1.3%	1.0%	3.0%	1.7%	4.7%	18%
10	Kalawana PS	263.8	13,049	51,409	1,500	3		1	1			1	29.9%	42.3%	7.2%				20.6%		3% ✓
11	Kolonna PS	204.0	13,437	52,263	1,000	2		2					1.0%	95.6%	1.9%	0.5%	1.0%		0.1%		1%
12	Kuruwita PS	263.1	33,010	131,711	4,000	33		3	2			2	24.0%	19.2%	7.7%	11.5%	34.6%	2.9%			20%
13	Nivithigala PS	272.7	26,623	105,324	1,000	4		2				2	0.6%	71.4%	10.0%	2.1%	0.9%	12.1%	1.4%	1.4%	10%
14	Pelmadulla PS	168.3	23,100	115,331	5,000	21		2					8.0%	32.0%	20.0%	4.0%	16.0%	4.0%	4.0%	12.0%	17%
15	Rathnapura MC	20.2	11,833	53,251	30,500	76		6	2	1		3	1.3%	35.3%	0.8%	2.6%	22.2%	1.6%	14.5%	21.6%	9%
16	Rathnapura PS	155.0	11,726	68,633	500	14					1	3	1.4%	67.6%	13.5%	4.1%	2.7%	1.4%	2.7%	6.8%	4%
17	Weligepola PS	420.0	14,757	54,792	2,000	6		1	1			1	9.5%	75.8%	0.3%	0.5%	0.6%	0.8%	1.9%	10.8%	6%

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

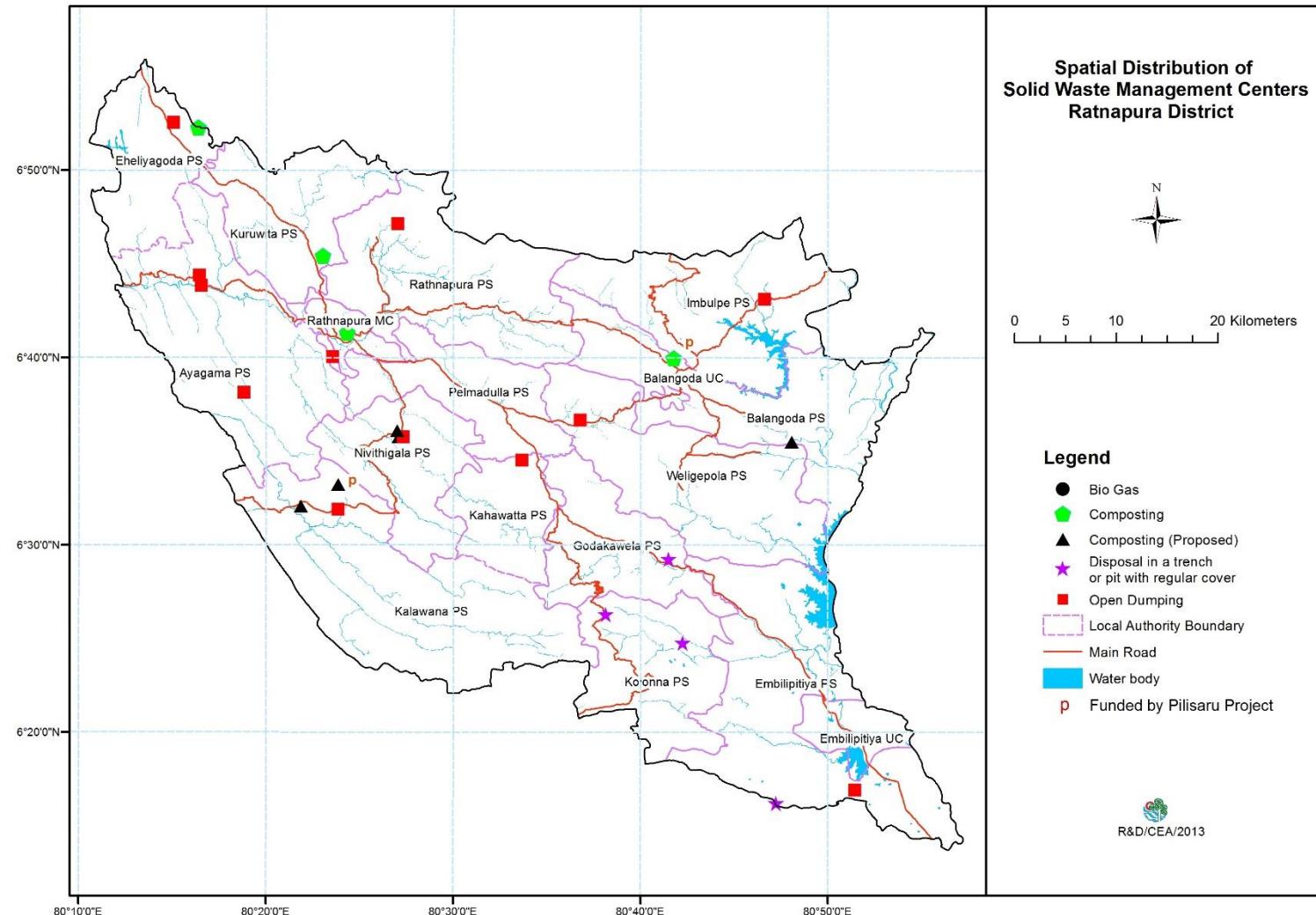
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 23: Spatial distribution of solid waste management centres in Rathnapura district**

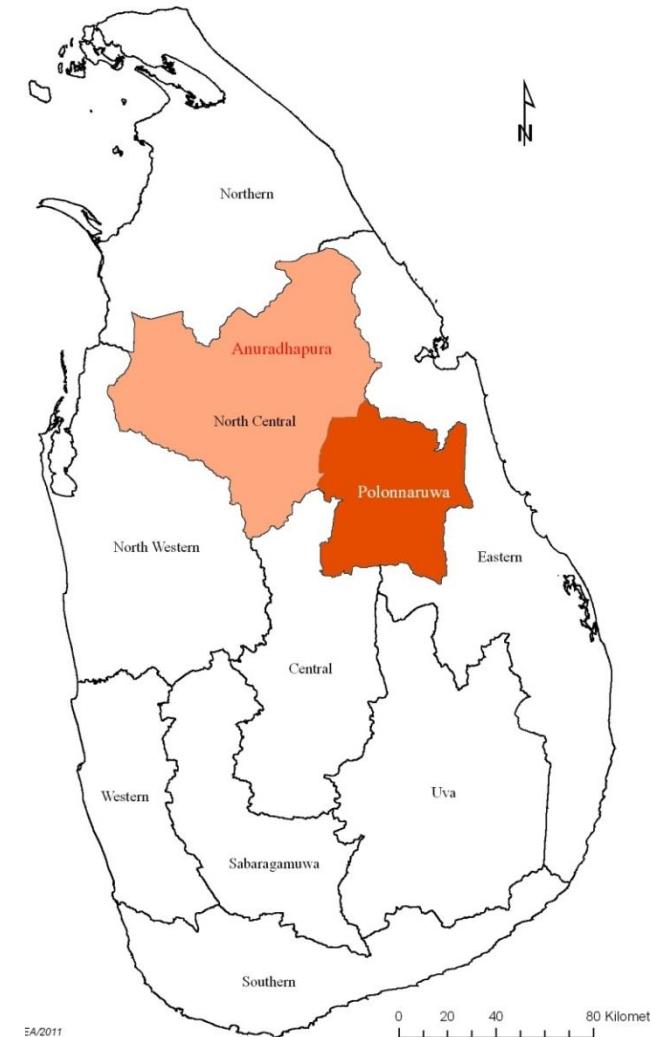
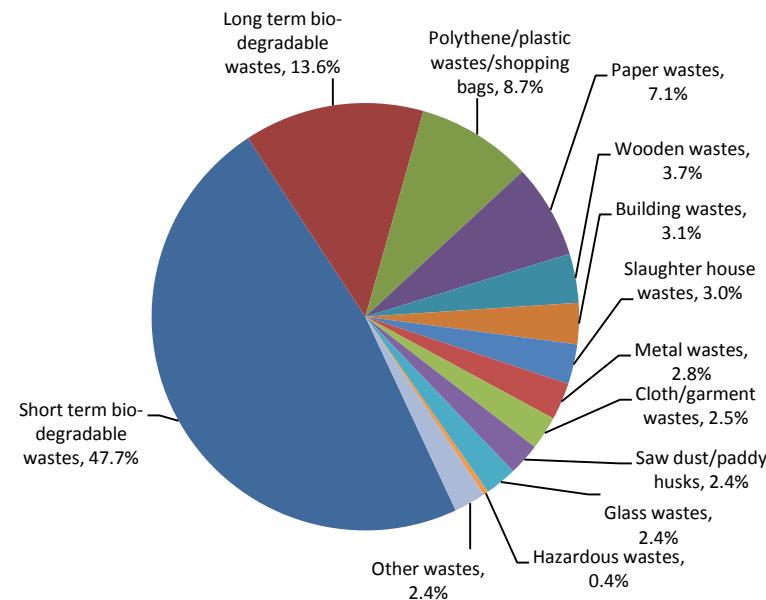


# North Central Province

Area (km<sup>2</sup>) - 10,724

District	No. of Local Authorities			
	MC	UC	PS	All type
Anuradhapura	1		18	<b>19</b>
Polonnaruwa			7	<b>7</b>
<b>North Central Province</b>	<b>1</b>		<b>25</b>	<b>26</b>

## Composition of Solid Waste – North Central Province



**Table 30: Key Statistics of solid waste management by Local Authority in Anuradhapura district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term	Bio-degradable wastes	Availability of sanitary landfill facilities
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste				
1	Anuradhapura MC	36.3	21,835	109,175	30,000	144		10	3			8	4.2%	58.7%	29.4%	0.5%	1.0%	0.3%	4.9%	1.0%		✓	✓	
2	Ipalogama PS	164.0	12,090	40,838	2,000	11		4	1			1	10.0%	50.0%	10.0%	20.0%	5.0%	1.0%	2.0%	2.0%			✓	
3	Galenbidunuwewa PS	342.6	15,361	56,417	2,000	6		2					28.8%	48.1%	2.4%	1.9%	3.8%	0.5%	1.9%	12.5%	7%	✓		
4	Galnewa PS	250.0	10,901	39,896	1,000	5		2				5								0.0%		✓		
5	Horoupathana PS	845.0	10,660	32,159	1,000	9		2												0.0%		✓		
6	Kahatagasdigiliya PS	343.7	8,735	36,753	2,500	6			1			2									15%	✓		
7	Kebithigollewa P	611.0	6,253	23,048	2,000	5		1					5.0%	25.0%						5.0%	65.0%	16%	✓	
8	Kekirawa PS	423.0	19,692	81,220	15,000	19		3	1			2												
9	Medawachchiya PS	419.8	14,153	50,824	2,000	8		2	1			1	0.9%	8.7%		0.9%	21.7%	0.9%	0.9%	66.1%		✓		
10	Mihinthale PS	256.0	9,277	34,319	1,000	6		2	1				7.4%	74.4%	3.0%		7.4%	0.7%	3.0%	4.0%	12%			
11	Nochchiyagama PS	964.5	15,308	51,993	4,000	5		2				2		71.1%	0.3%					28.4%				
12	Nuwaragampalatha Central PS	1193.1	21,523	84,331	4,000	3			1				29.9%	18.7%	4.7%	9.3%	3.7%	9.3%	4.7%	19.8%	4%			
13	Nuwaragampalatha East PS	148.0	14,520	55,337	250			2					50.0%	25.0%						12.5%	12.5%	10%	✓	✓
14	Padaviya PS	141.0	12,000	25,000	3,000	4		1					15.0%	50.0%	20.0%		5.0%		2.5%	7.5%	5%	✓		
15	Palagala PS	208.4	9,560	37,851	1,000			2																
16	Rajanganaya PS	103.0	9,766	37,893	500	8	1	2	1				1.7%	1.7%	20.0%		13.3%	1.7%	3.3%	58.3%	3%	✓		
17	Rambewa PS	304.5	10,706	39,005	2,000	7		1	1				5.5%	13.8%	20.7%	0.7%	9.7%	2.8%	12.4%	34.5%	7%	✓		
18	Thalawa PS	214.8	30,868	119,433	5,000	19		3				3	2.0%	44.0%	10.0%	1.0%	10.0%	1.0%	2.0%	30.0%	17%	✓		
19	Thirappane PS	394.0	7,827	29,631	1,500			2	1			3	13.3%	33.3%	6.7%	1.7%	8.3%	3.3%	6.7%	26.7%	18%	✓		

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

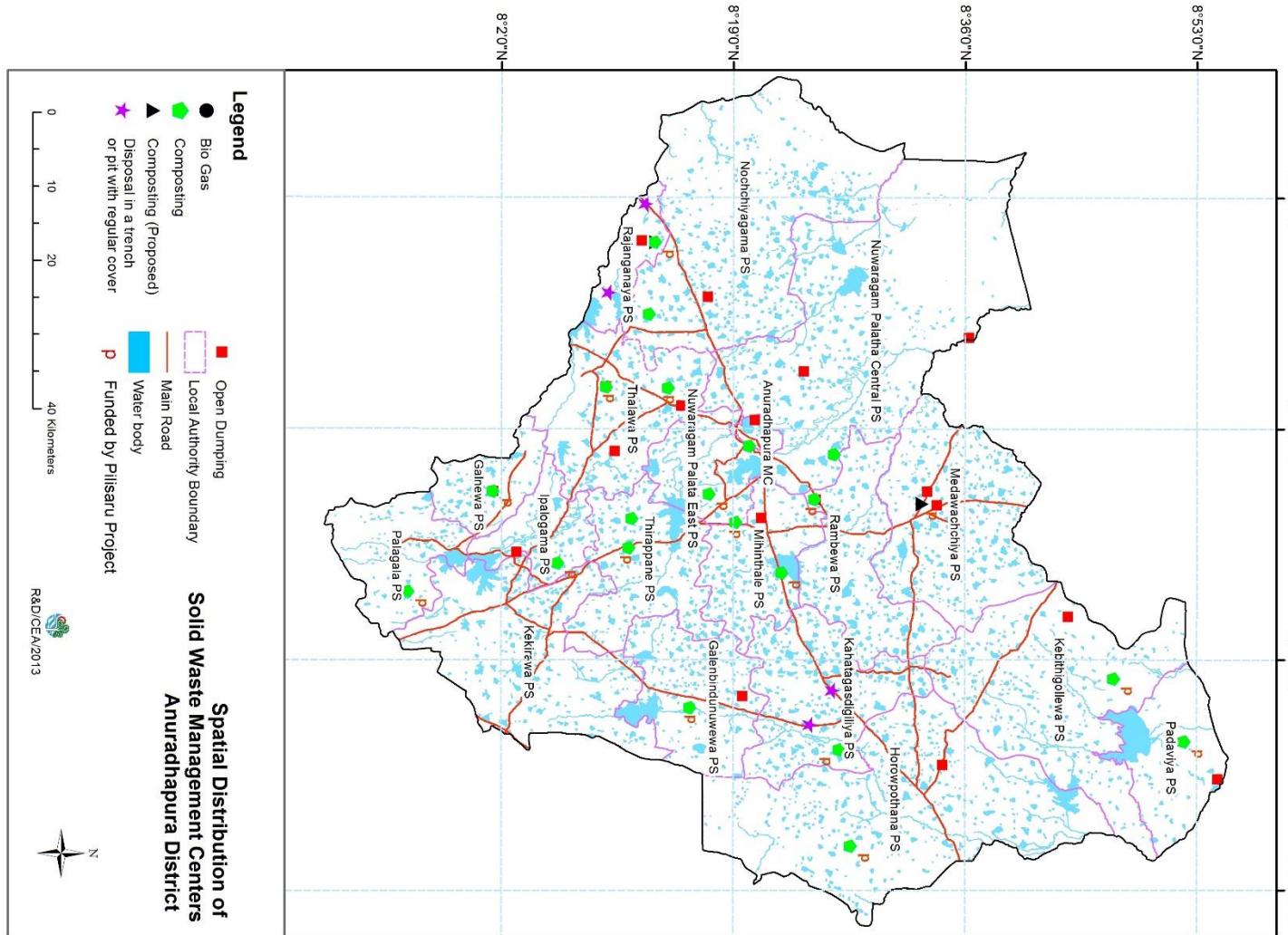
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 24: Spatial distribution of solid waste management centres in Anuradhapura district**



**Table 31: Key Statistics of solid waste management by Local Authority in Polonnaruwa district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes	
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Dimbulagala PS	402	23,868	91,387	3,000	15		1					3								9%		
2	Elahera PS	372.2	12,437	47,605	2,000	4		2	1					17.5%	62.5%	2.5%	2.5%	2.5%	2.5%	7.5%	4%		
3	Higurakgoda PS	401.3	18,544	71,661	5,000	27		5	1				3	8.3%	66.7%	4.2%			4.2%	8.3%	8.3%	12%	
4	Lankapura PS	184	10,360	41,154	500	4		1	1					9.8%	39.2%	19.6%	2.0%	9.8%	2.0%	3.9%	13.7%	✓	
5	Medirigiriya PS	835.7	18,662	75,319	3,000	15		2						5.0%	19.8%	0.2%	9.9%	0.2%	9.9%	29.8%	25.2%	11%	✓
6	Thamanakaduwa PS	445	21,508	89,547	4,000	48		4					10	19.9%	53.7%	5.0%		7.0%	3.0%	2.0%	9.5%	5%	
7	Welikanda PS	540	10,106	39,426	3,000	8		2	1				2	4.0%	68.0%	16.0%	0.2%	4.0%	0.4%	2.4%	5.0%	11%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

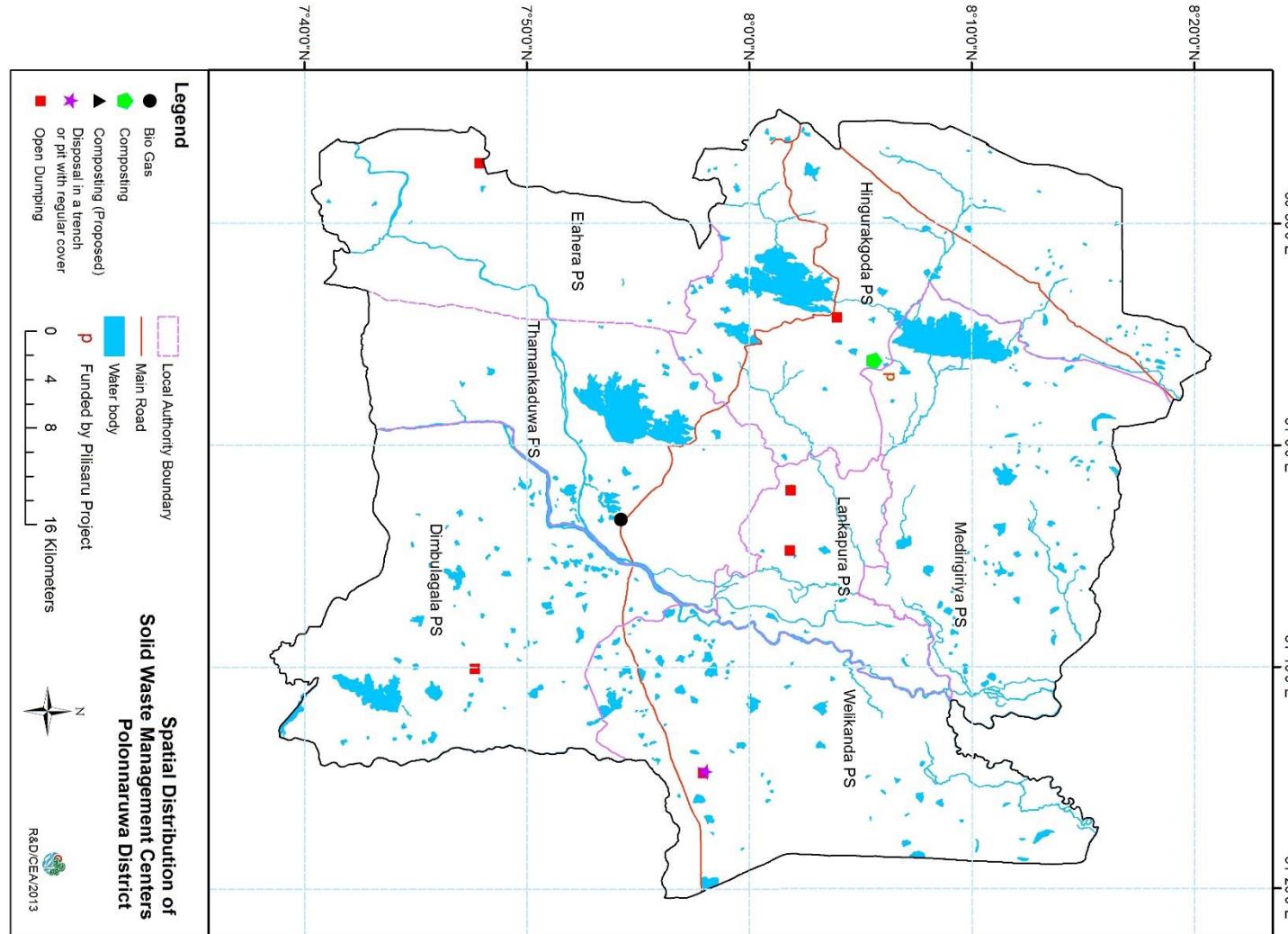
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 25: Spatial distribution of solid waste management centres in Polonnaruwa district**

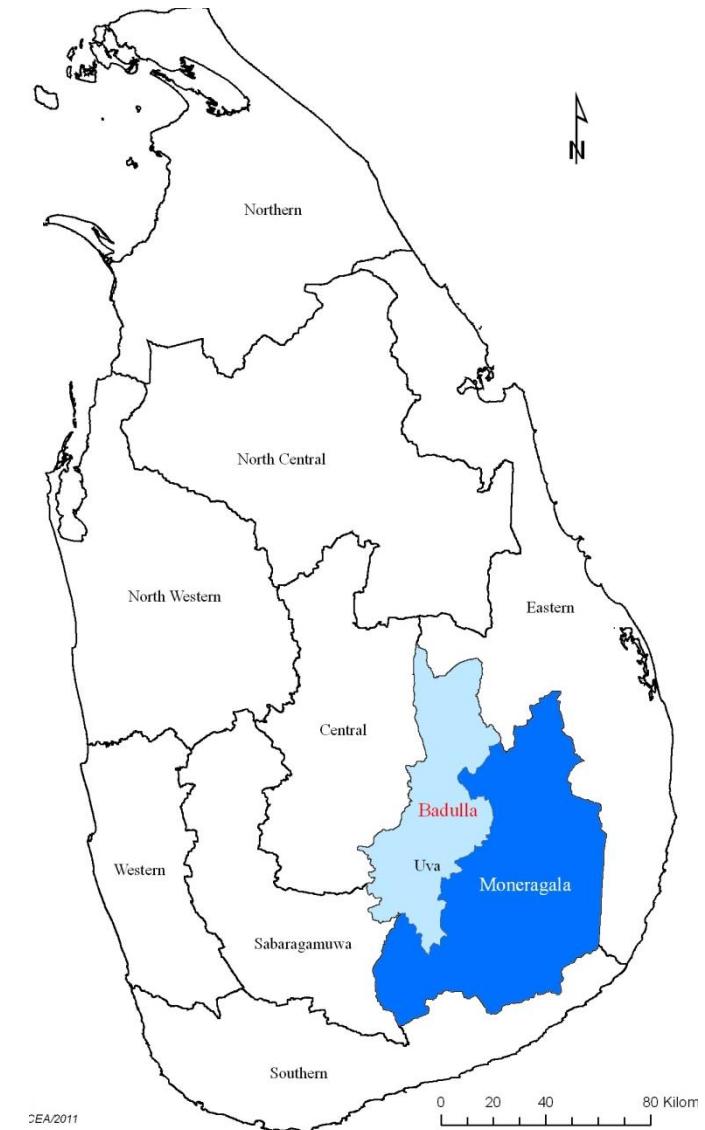
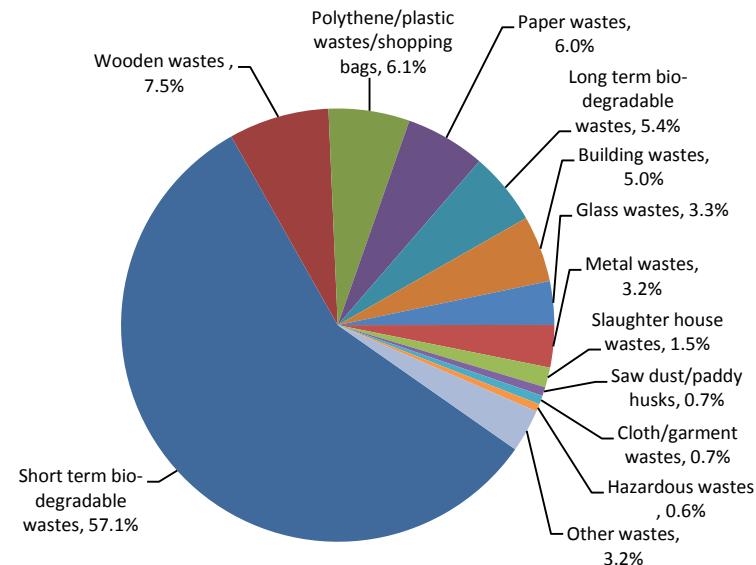


## Uva Province

**Area (km<sup>2</sup>) – 8,488**

<b>District</b>	<b>No. of Local Authorities</b>			
	<b>MC</b>	<b>UC</b>	<b>PS</b>	<b>All</b>
Badulla	2	1	15	<b>18</b>
Monaragala			10	<b>10</b>
<b>Uva Province</b>	<b>1</b>	<b>2</b>	<b>24</b>	<b>28</b>

### Composition of Solid Waste – Uva Province



**Table 32: Key Statistics of solid waste management by Local Authority in Badulla district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term Bio-degradable wastes	
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste		
1	Badulla MC	10.0	9,105	43,096	22,500	100		3			1	15	3.1%	58.5%	0.8%	3.1%	13.6%	7.0%	10.5%	3.5%	11%	
2	Badulla PS	42.2	7,756	31,806	1,000	5		2					3.0%	80.0%	2.0%	1.5%	1.5%	0.5%	2.0%	9.5%	8%	
3	Bandarawela PS	66.0	12,800	64,000				1														
4	Bandarawela MC	2.3	2,072	10,351	10,000	47		3	1	2		6	5.0%	70.0%	2.0%	1.0%	6.0%	3.0%	5.0%	8.0%	17%	✓
5	Ella PS	111.0	13,496	44,170	2,000	13		2				3	0.5%	86.1%	7.5%	2.5%	1.0%	0.5%	0.5%	1.5%	5%	✓
6	Haldummulla PS	430.5	11,345	41,207	1,000	12		2					3.0%	75.6%	3.0%	0.3%	4.0%	0.3%	1.0%	12.7%	14%	
7	Hali Ela PS	168.0	40,000	90,256	9,000	17		3				1	3.3%	43.5%	0.8%			0.2%	1.7%	50.5%	45%	✓
8	Haputhale PS	47.0	12,842	52,130	1,000	11		2				2	2.6%	50.1%	30.1%	2.9%	1.4%	2.1%	2.5%	8.2%	15%	
9	Haputale UC	2.5	1,272	6,070	2,500	8		3				1	2.9%	46.3%	32.4%	3.1%	1.5%	2.3%	2.7%	8.7%	20%	
10	Kandeketiya PS	164.0	5,146	27,211	250	2		1					12.1%	30.2%	12.1%	4.0%	2.0%	0.0%	11.3%	28.2%	8%	
11	Lunugala PS	142.6	11,450	38,376	1,500	13		2				3	10%	70%	3%	2%	5%	1%	2%	7%		
12	Mahiyanganaya PS	629.0	21,454	75,413	12,000	21		1				5	3.8%	56.5%		1.4%	3.9%	1.5%	9.2%	23.7%	39%	
13	Meegahakiula PS	48.0	5,871	22,221	1,000	3		1	1				10.0%	40.0%	20.0%	10.0%		10.0%	0.0%	10.0%	16%	
14	Passara PS	269.7	25,762	95,281	3,000	26		3	1			4	25.3%	25.0%	16.7%	1.7%	26.7%	2.3%	2.3%		15%	
15	Ridimaliyadda PS	370.6	17,341	56,876	100	4		2					7.8%	46.7%	0.4%	23.3%	3.9%	3.9%	3.9%	10.1%	30%	
16	Soranathota PS	80.8	7,190	25,190	2,000	5						2	6.9%	69.2%	7.7%		6.2%	3.1%	3.1%	3.8%	4%	
17	Uva Paranagama PS	131.1	22,809	80,173	1,000	5		2	1			1	5.0%	76.6%	5.0%	0.5%	1.5%	2.0%	2.0%	7.5%	6%	
18	Welimada PS	187.0	26,152	104,361	1,000	20		3	1			7	6.7%	67.2%	6.7%	6.7%	0.7%	1.7%	3.4%	6.9%	17%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

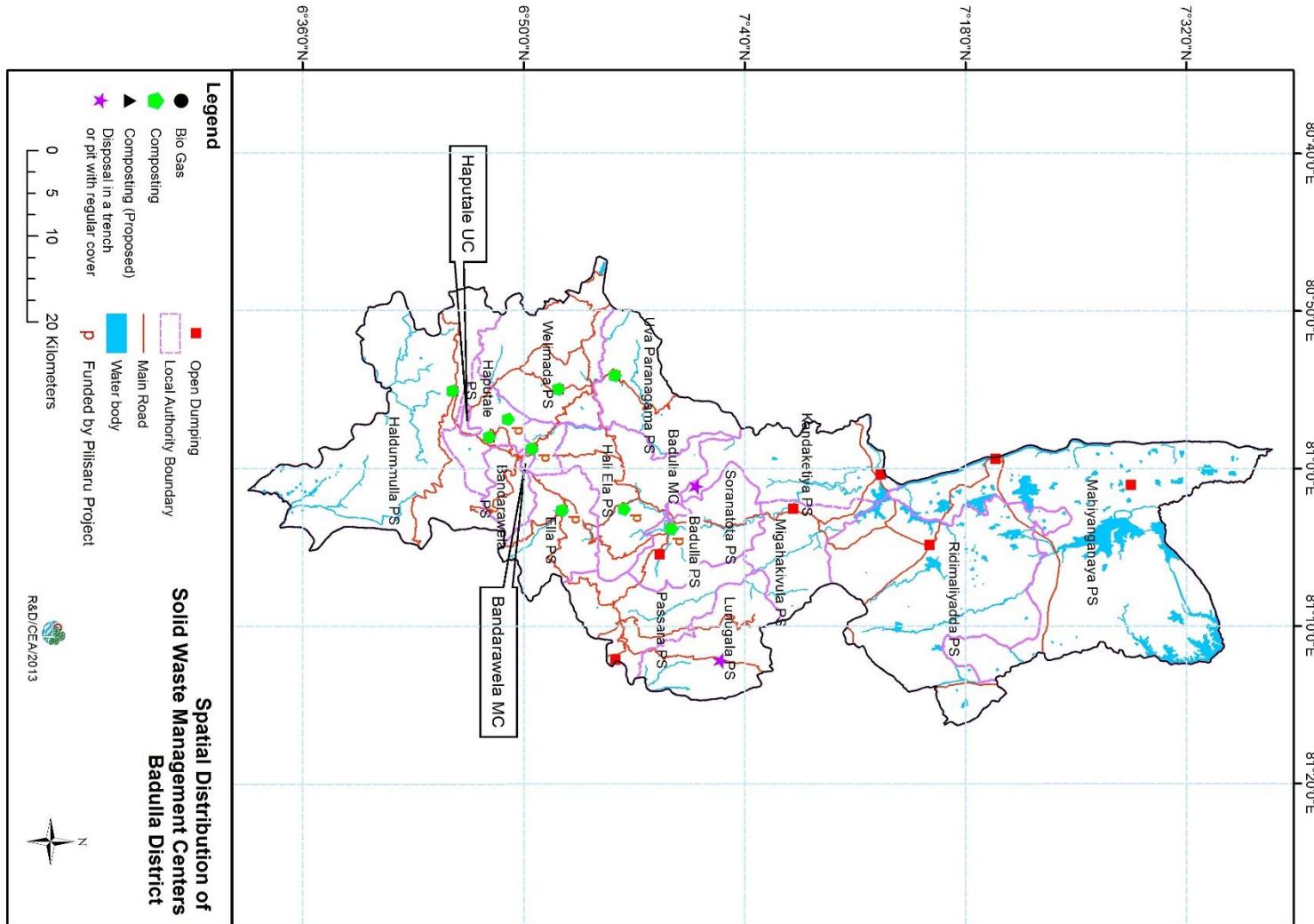
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 26: Spatial distribution of solid waste management centres in Badulla district**



**Table 33: Key Statistics of solid waste management by Local Authority in Monaragala district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste		
1	Badalkumbura PS	220.0	12,796	45,399	4,000	6		2					5.6%	61.1%	5.6%	0.0%	5.6%	0.0%	16.7%	5.6%	30%	
2	Bibila PS	482.5	12,247	42,855	4,000	7		2	1				12.5%	70.2%	2.5%	1.0%	7.5%	0.5%	2.0%	3.8%	7%	
3	Buttala PS	296.0	13,116	52,768	4,000	14		2					5.0%	45.0%	15.0%	2.0%	21.3%	1.8%	8.8%	1.3%	13%	
4	Kataragama PS	543.0	5,233	21,676	3,000	15		4					6.7%	46.7%	10.0%	33.3%	0.0%	1.3%	1.3%	0.7%	27%	
5	Madulla PS	246.0	7,931	32,051	1,500	5		3	1				0.1%	98.6%	0.3%	0.0%	0.3%	0.0%	0.3%	0.4%	30%	
6	Medagama PS	236.0	4,484	40,642	1,000	9		2	2				14.8%	9.9%	7.4%	4.9%	9.9%	12.3%	4.9%	35.8%	29%	
7	Monaragala PS	255.1	12,783	42,323	11,000	0		3	1			2	20.0%	60.0%	1.0%	3.0%	6.0%	1.0%	2.0%	7.0%	10%	
8	Siyabalanduwa PS	1050.0	14,648	55,820	1,000	6		2					1.6%	81.0%	1.6%	0.8%	8.1%	0.8%	1.2%	4.9%	11%	
9	Thanamalvila PS	613.4	18,347	74,219	2,500	17		4					12.6%	70.6%	13.8%	0.3%	0.2%	0.6%	0.0%	1.9%	15%	✓
10	Wellawaya PS	597.9	17,455	67,837	3,000	9		1	1				5.0%	56.0%	14.0%	2.0%	10.0%	1.8%	10.0%	1.2%	22%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

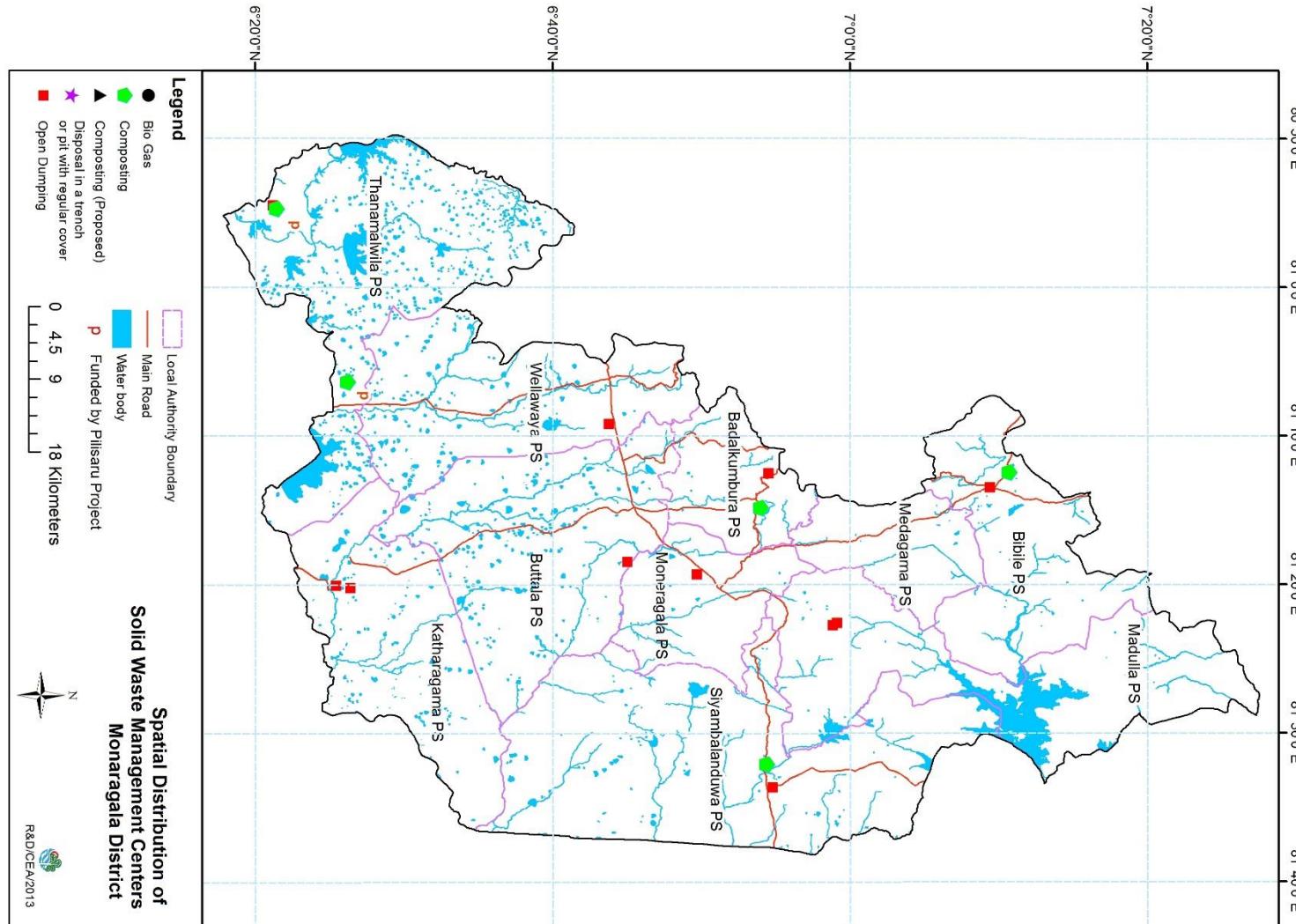
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 27: Spatial distribution of solid waste management centres in Monaragala district**

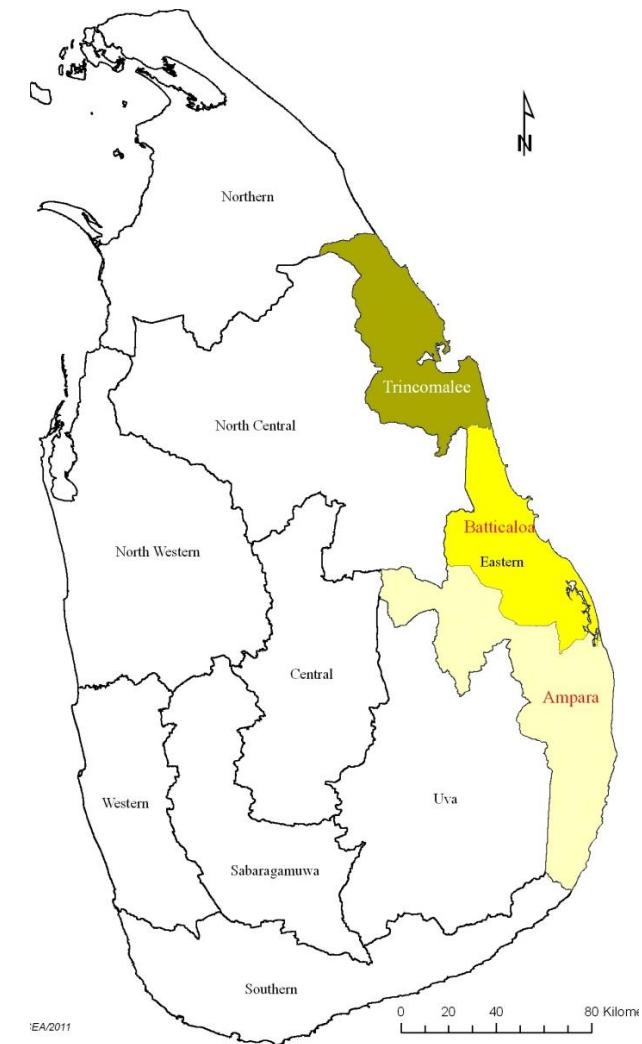
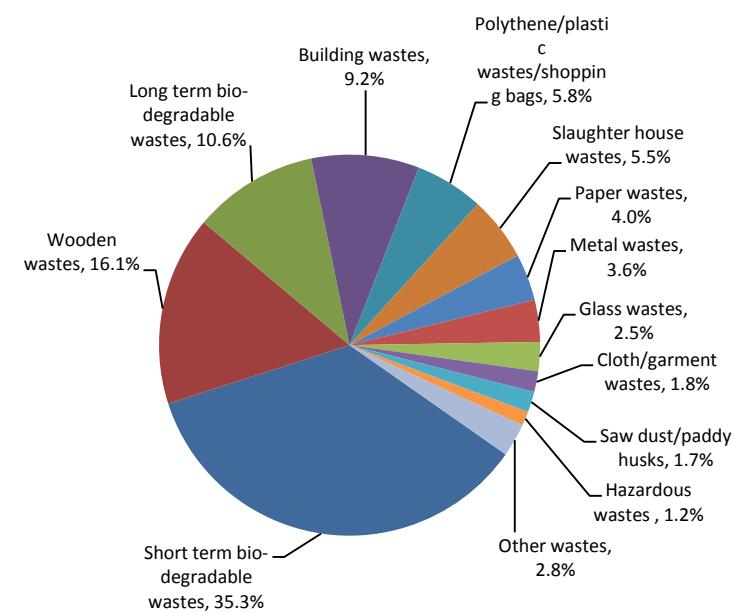


## Eastern Province

Area (km<sup>2</sup>) – 9,951

District	No. of Local Authorities			
	MC	UC	PS	All
Trincomalle		2	11	<b>13</b>
Ampara	2	1	17	<b>20</b>
Baticolao	1	2	9	<b>12</b>
<b>Eastern Province</b>	<b>3</b>	<b>5</b>	<b>37</b>	<b>45</b>

### Composition of Solid Waste – Eastern Province



**Table 34: Key Statistics of solid waste management by Local Authority in Ampara district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term)	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste	
1	Addalaichchenai PS	94.5	7,092	45,000	12,000	18		4					1.3%	2.6%	1.9%	8.5%	15.5%	12.9%	9.0%	48.2%	3%
2	Akkaraipattu MC	6.5	9,642	39,223	21,000	28		7		2	2		0.6%	32%	9.3%	23.4%	14%	4.3%	1.7%	14.7%	32%
3	Akkaraipattu PS	65.0	10,200	42,100	15,000	21	1	5			2		-	-	-	-	-	-	-	-	
4	Alayadivembu PS	129.0	7,157	25,629	5,000	9		2					10.0%	41.0%	22.0%	2.0%	0.0%	4.0%	20.0%	1.0%	
5	Ampara UC	32.3	5,680	17,965	4,000	40		7				2	3.8%	25.0%	6.3%	1.3%	25.0%	1.3%	3.8%	33.8%	34%
6	Damana PS	334.0	9,764	37,157	1,000	2		1				2	3.5%	10.4%	6.9%	0.7%	0.3%	1.7%	6.9%	69.6%	10%
7	Dehiattakandiya PS	410.0	18,712	56,974	4,000	14		3					1.2%	72.2%	4.7%	0.0%	2.9%	0.5%	10.5%	8.1%	10%
8	Irrakkamam PS	83.4	4,316	15,315	2,000	3		1					15%	15%	-	-	45%		5%	20%	8.2%
9	Kalmunei MC	8.0	27,332	105,000	30,000	80		8	3	1			9.7%	36.2%	14.5%	7.2%	12.1%	1.2%	1.2%	17.9%	
10	Karaithivu PS	8.6	5,334	19,668	6,000	6		2					0.1%	18.8%	12.5%	6.3%	38.6%	11.3%	12.5%	0.0%	3%
11	Lahugala PS	690.0	2,531	8,147	1,000	5		1					6.8%	16.9%	6.8%	3.4%	4.1%	2.0%	6.8%	53.4%	12%
12	Namal Oya PS	105.8	5,087	23,876	1,000	1		2					2.2%	22.2%	6.7%	1.7%	33.3%	1.7%	3.3%	28.9%	29%
13	Navithaneli PS	57.7	5,616	21,162	500	6		1	1				0.5%	50.8%	25.4%	1.0%	4.1%	0.5%	2.5%	15.2%	6%
14	Nintavur PS	55.6	8,381	34,331	15,000	22	2	6	1				8.3%	8.3%	16.7%	0.0%	0.0%	0.0%	5.0%	61.7%	18%
15	Padiyathalawa PS	464.0	3,941	18,025	1,000	3	1	1					10.0%	35.0%	10.0%	0.0%	0.0%	20.0%	25.0%	0.0%	11%
16	Pottuvil PS	269.0	9,937	36,671	3,000	14		2					12.7%	9.5%	0.6%	0.1%	0.1%	6.3%	15.9%	54.9%	7%
17	Samanthurai PS	210.0	19,471	795	14,000	31		4				2	0.6%	80.8%	4.0%	0.4%	2.4%	1.0%	2.8%	8.0%	15%
18	Thirukkovil PS	212.1	8,841	30,638	3,500	2		3					38.8%	0.0%	0.0%	0.8%	31.0%	1.6%	27.1%	0.8%	6%
19	Uhana PS	665.0	12,000	60,071	1,000	12		3	1			2	5.0%	50.0%	10.0%	15.0%	5.0%	5.0%	2.0%	8.0%	20%
20	Mahaoya PS	667.0	6,192	24,367	1,500	07		1	3				2.0%	72.0%	10.0%	1.0%	1.0%	2.0%	2.0%	2.0%	9.0%

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

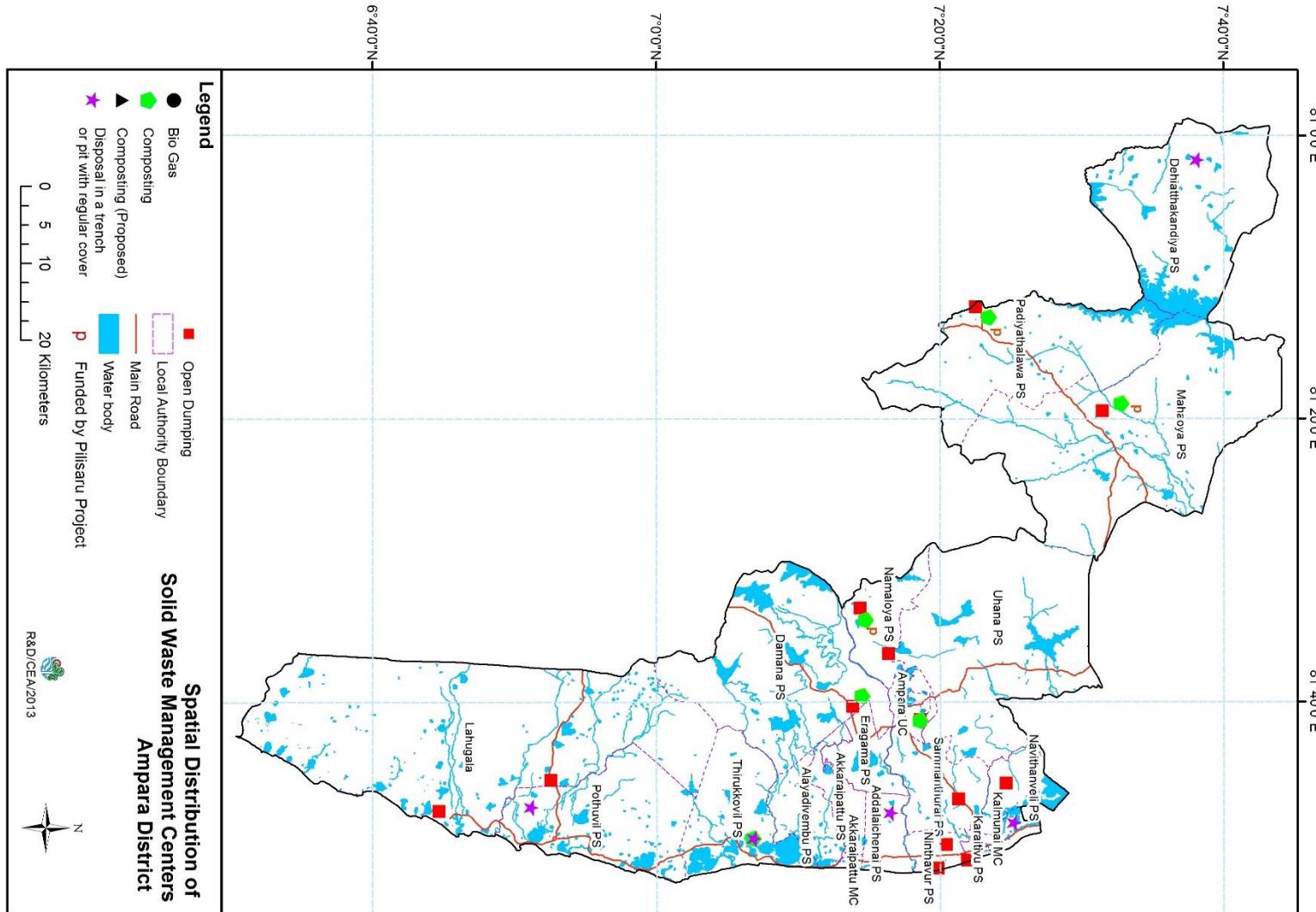
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 28: Spatial distribution of solid waste management centres in Ampara district**



**Table 35: Key Statistics of solid waste management by Local Authority in Batticaloa district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste	
1	Batticaloa MC	75.1	23,145	89,758	57,500	155		8		1	4	6								✓	
2	Erauvr UC	4.6	7,239	28,809	15,000	2		6					2.2%	17.3%	5.7%	0.0%	30.6%	0.6%	1.2%	42.2%	34%
3	Erauvrpattu PS	585.7	19,001	78,365	5,000	9		8					23.2%	0.0%	9.0%	7.7%	5.8%	5.2%	1.9%	47.1%	21%
4	Karalaipattu West PS	25.0	9,807	41,572	22,000	25		5		1			2.1%	15.6%	10.3%	0.0%	29.2%	0.7%	1.4%	40.7%	21%
5	Kattankudy UC	6.5	12,656	53,153	10,000	66		7	3			10	10.0%	15.0%	20.0%	5.0%	10.0%	2.0%	1.0%	37.0%	23% ✓
6	Koralaiapattu North PS	550.0	9,807	21,947	0	14		5												0.0%	27%
7	Koralaiapattu PS	242.0	21,457	85,831	20,000	29		5					2.3%	16.8%	6.5%	0.0%	29.8%	0.7%	1.4%	42.5%	17%
8	Manmunai PS	21.5	8,445	30,778	1,000	15		2													8%
9	Manmunai South East PS	52.5	16,826	61,897	4,000	0		5	1	1			8.4%	26.2%	3.0%	16.9%	2.8%	2.3%	7.0%	33.3%	30%
10	Manmunai South West PS	125.1	7,018	20,966	500	0		1					5.4%	16.2%	67.6%	0.0%	4.5%	0.9%	1.8%	3.6%	21%
11	Manmunai West PS	292.7	5,636	29,572	500	9		1					4.8%	9.7%	21.7%	60.4%	1.0%	2.4%	0.0%	0.0%	5%
12	Porative Pattu PS	167.2	12,884	43,185	500	9		2					5.8%	38.5%	32.4%	0.4%	8.3%	1.1%	5.4%	8.3%	34%

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

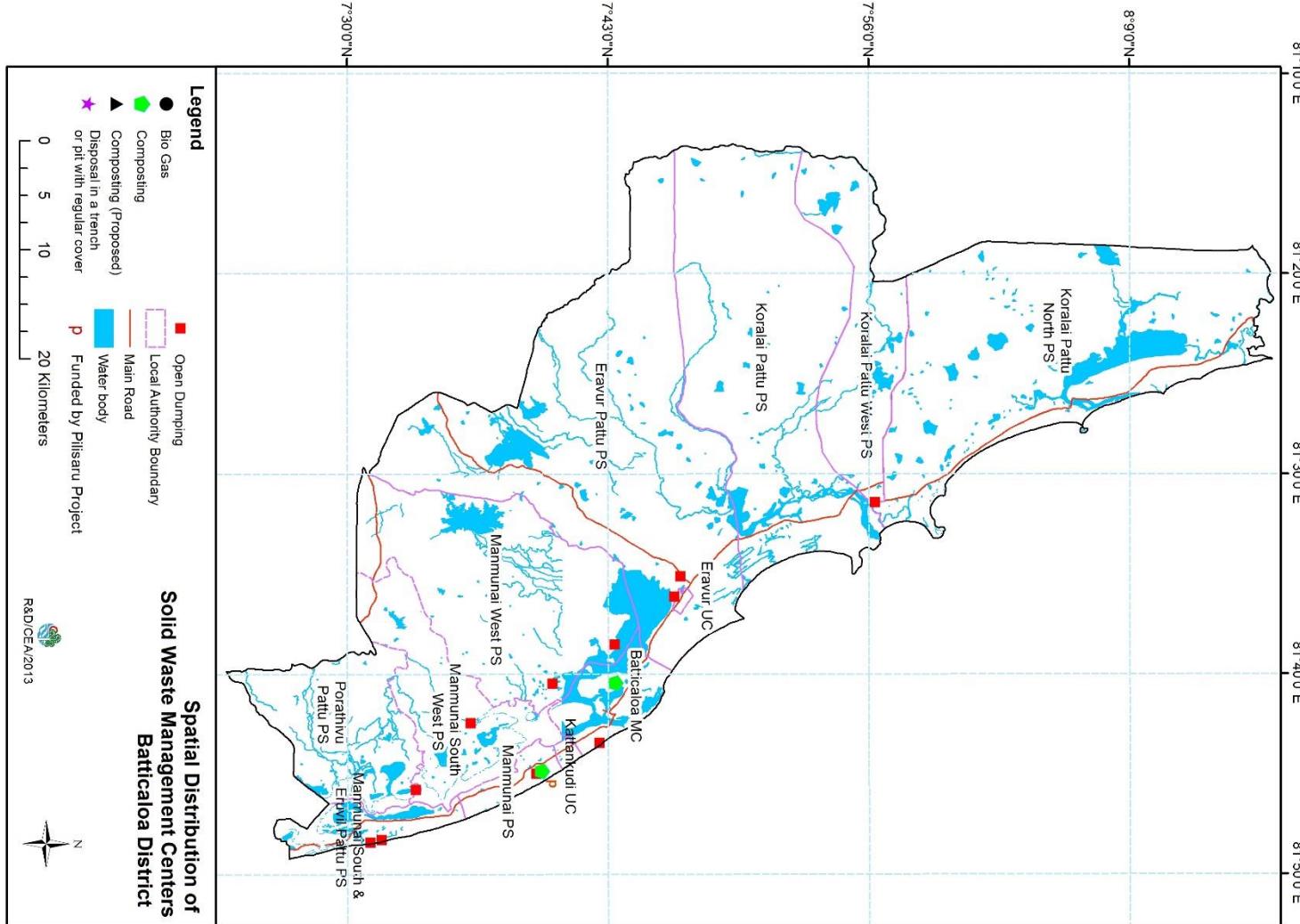
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 29: Spatial distribution of solid waste management centres in Batticaloa district**



**Table 36: Key Statistics of solid waste management by Local Authority in Trincomalee district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)							Allocation for SWM out of the Total LA budget (%)	
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes		
1	Gomarankadawala PS	269.0	2,212	8,342	1,000														23%		
2	Kantalai PS	396.0	12,955	50,961	2,000	12		2					3.9%	71.0%	5.8%	1.0%	1.9%	3.9%	7.7%	4.8%	23%
3	Kinniya PS	137.4	6,655	33,945	8,000	5		2					0.8%	48.3%	12.5%	2.5%	14.2%	0.8%	16.7%	4.2%	19%
4	Kinniya UC	9.5	9,553	47,570	11,000	32		5			1		8.7%	34.6%	16.1%	1.7%	12.8%	3.0%	4.4%	18.8%	20%
5	Kuchchiveli PS	333.3	8,082	33,218	8,000	55		4			1		5.9%	47.1%	5.9%	5.9%	17.6%	1.5%	2.9%	13.2%	20%
6	Morawewa PS	422.4	2,781	9,939	2,000			1													
7	Muthur PS	172.5	14,000	75,600	8,000	46		5	1				4.0%	40.8%	16.0%	6.0%	14.0%	6.0%	4.0%	9.2%	33%
8	Padavi Sripura PS	187.6	3,221	12,163	1,000	4		1	1				3.8%	87.5%	5.0%	1.3%		1.3%	1.3%		9%
9	Seruvila PS	279.0	4,103	13,455	1,000			2					2.0%	73.0%	8.0%	1.0%	6.0%	1.0%	3.0%	6.0%	
10	Thambalagamuwa PS	244.0	6,215	33,011	1,000	5		2	1				6.7%	43.0%	33.0%	5.0%	4.2%	0.9%	1.7%	5.4%	2%
11	Trincomalee Town & Gravats PS	140.3	13,979	54,009	15,000	18		5				12	8.3%	25.0%	4.2%		50.0%	2.1%	2.1%	8.3%	26%
12	Trincomalee UC	7.5	17,700	102,857	40,000	150		7		3			3.8%	75.5%	3.8%	3.8%	0.0%	1.9%	3.8%	7.5%	40%
13	Verugal PS	85.0	3,354	12,177	500			5	1												

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

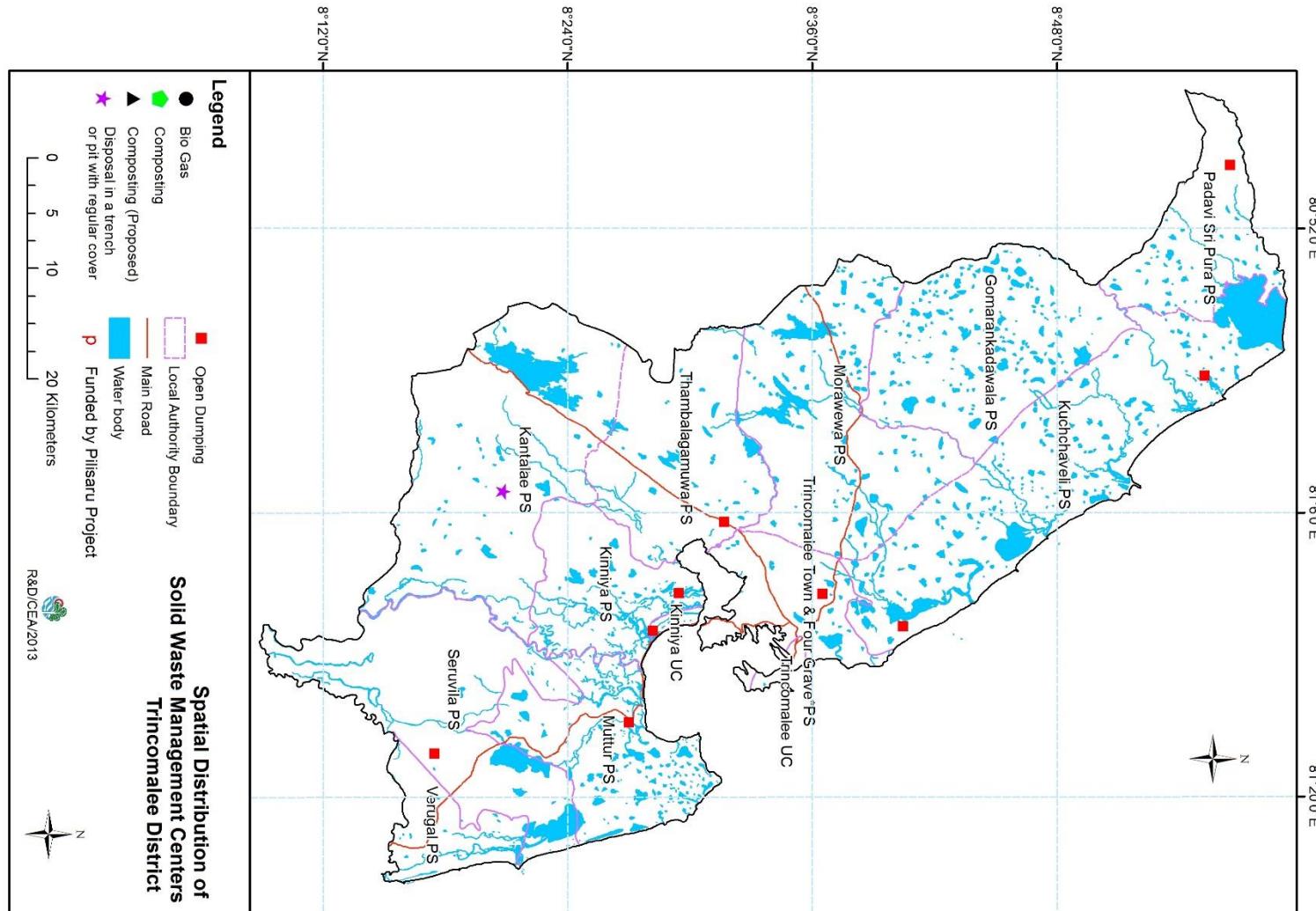
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 30: Spatial distribution of solid waste management centres in Trincomalee district**

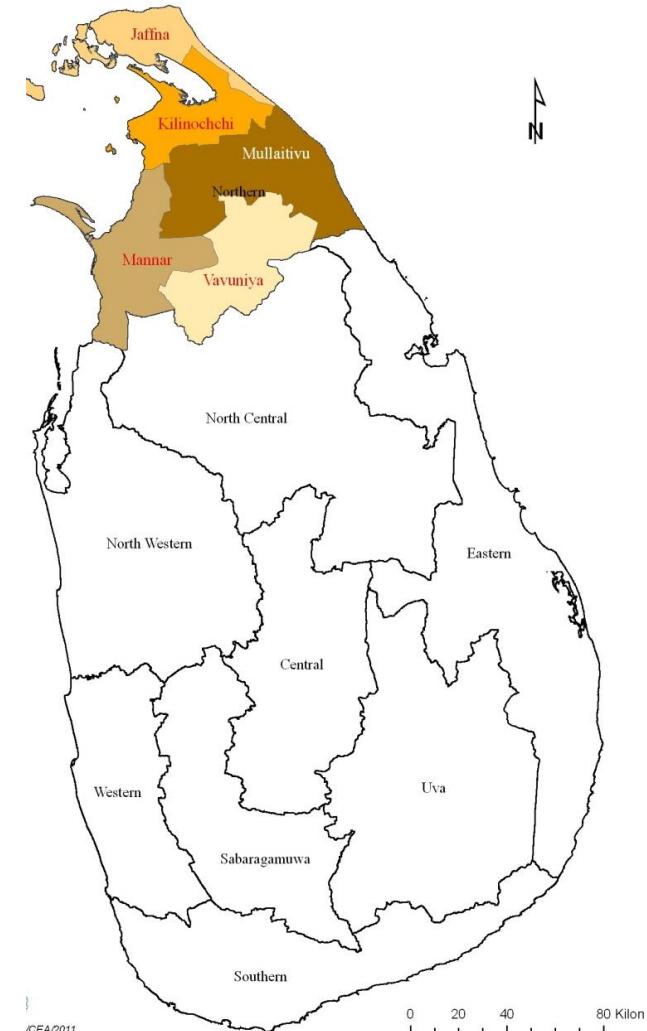
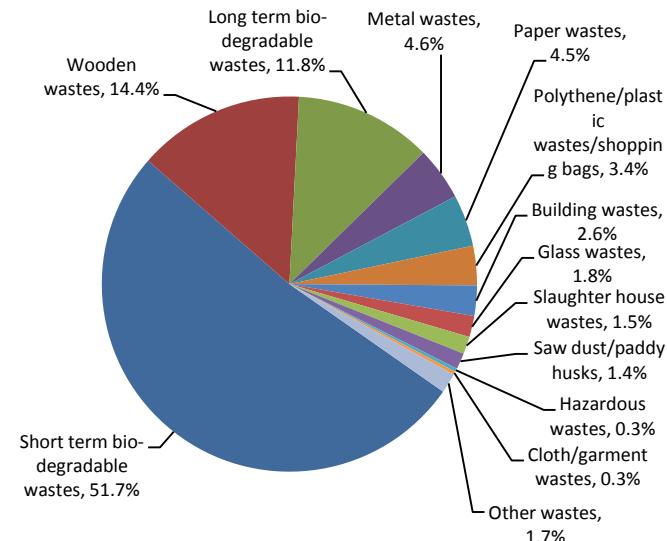


# Northern Province

**Area (km<sup>2</sup>) -8,882**

<b>District</b>	<b>No. of Local Authorities</b>			
	<b>MC</b>	<b>UC</b>	<b>PS</b>	<b>All</b>
Jaffna	1	3	13	<b>17</b>
Kilinochchi			3	<b>3</b>
Mulathivu			4	<b>4</b>
Mannar		1	4	<b>5</b>
Vaunia		1	4	<b>5</b>
<b>Northern Province</b>	<b>1</b>	<b>5</b>	<b>28</b>	<b>34</b>

## Composition of Solid Waste – Northern Province



**Table 37: Key Statistics of solid waste management by Local Authority in Jaffna district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)								Allocation for SWM out of the Total LA budget (%)	Waste composting facilities for short term bio degradable wastes	
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term )	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste			
1	Chavakachcheri PS	200.09	14,780	53,520	1,000	10		3	1				3	10.1%	55.0%	22.8%	2.0%	5.0%	1.0%	1.0%	3.0%	2%	
2	Chavakachcheri UC	19.4	5,197	19,543	2,000	29		3	1				2	10.0%	55.0%	23.0%	2.0%	5.0%	1.0%	1.0%	3.0%	10%	✓
3	Delft PS	47.16	1,414	4,531	200	3		1	1					3.4%	3.4%	6.9%	0.0%	34.5%	3.4%	6.9%	41.4%		
4	Jaffna MC	20.3	23,000	83,000	37,500	276		22		1			50	0.7%	63.2%	14.0%	2.8%	16.9%	0.2%	0.1%	2.1%	15%	✓
5	Karainagar PS	21	3,382	10,821	300	5		2	1				2	8.3%	66.7%	1.7%	1.7%	4.2%	4.2%	1.7%	11.7%	13%	
6	Kayts PS	45.11	4,824	15,831	1,000	18		3	2				1	10.0%			20.0%	15.0%	10.0%	20.0%	25.0%	17%	
7	Nallur PS	20.59	10,998	44,244	2,000			3	1				3	12.3%			12.3%		12.3%	23.8%	39.3%	23%	
8	Point Pedro PS	220	12,280	57,059	2,500	9		2					1	1.0%	69.8%	3.3%	6.6%	15.0%	1.7%	2.7%	0.0%	2%	
9	Point Pedro UC	11.65	4,727	12,433	4,000	30		2					1	1.1%	71.3%	2.2%	13.4%	4.7%	1.1%	1.8%	4.5%	25%	
10	Vadamarachchi (South-West) PS	68.95	15,414	48,169	6,000	17		4						0.4%	61.3%	1.2%	30.6%	0.6%	0.6%	2.5%	2.8%	20%	
11	Valikamam (East) PS	102.2	21,855	75,984	500	25		3	1				5	3.7%			24.4%		8.9%		63.0%	15%	
12	Valikamam (North) PS	58.5	8,275	27,183	3,500	22		1		4					44.4%		0.0%	27.8%	0.0%	13.9%	13.9%	1%	
13	Valikamam (South) PS	33.26	20,000	51,009	10,000	26		3					3	2.4%	56.0%	3.2%	14.4%	8.0%	6.4%	4.8%	4.8%	1%	✓
14	Valikamam (South-West) PS	55.238	16,884	61,796	4,000	28		4	1				4	5.0%	29.2%		2.9%	41.7%	2.9%	5.0%	13.3%	18%	
15	Valikamam (West)	47.3	15,394	50,886	1,000	15		4	1				4	20.0%			20.0%		10.0%	15.0%	35.0%	10%	
16	Velanei PS	98.4	5,621	18,988	1,000			7	4				1	1.3%	26.7%	13.3%			0.3%	1.3%	57.1%	25%	
17	Velvettithurai UC	5.36	1,462	7,864	3,000	33		6	1				3	2.2%	61.8%	5.6%	7.9%	11.2%	4.5%	2.2%	4.5%	23%	

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

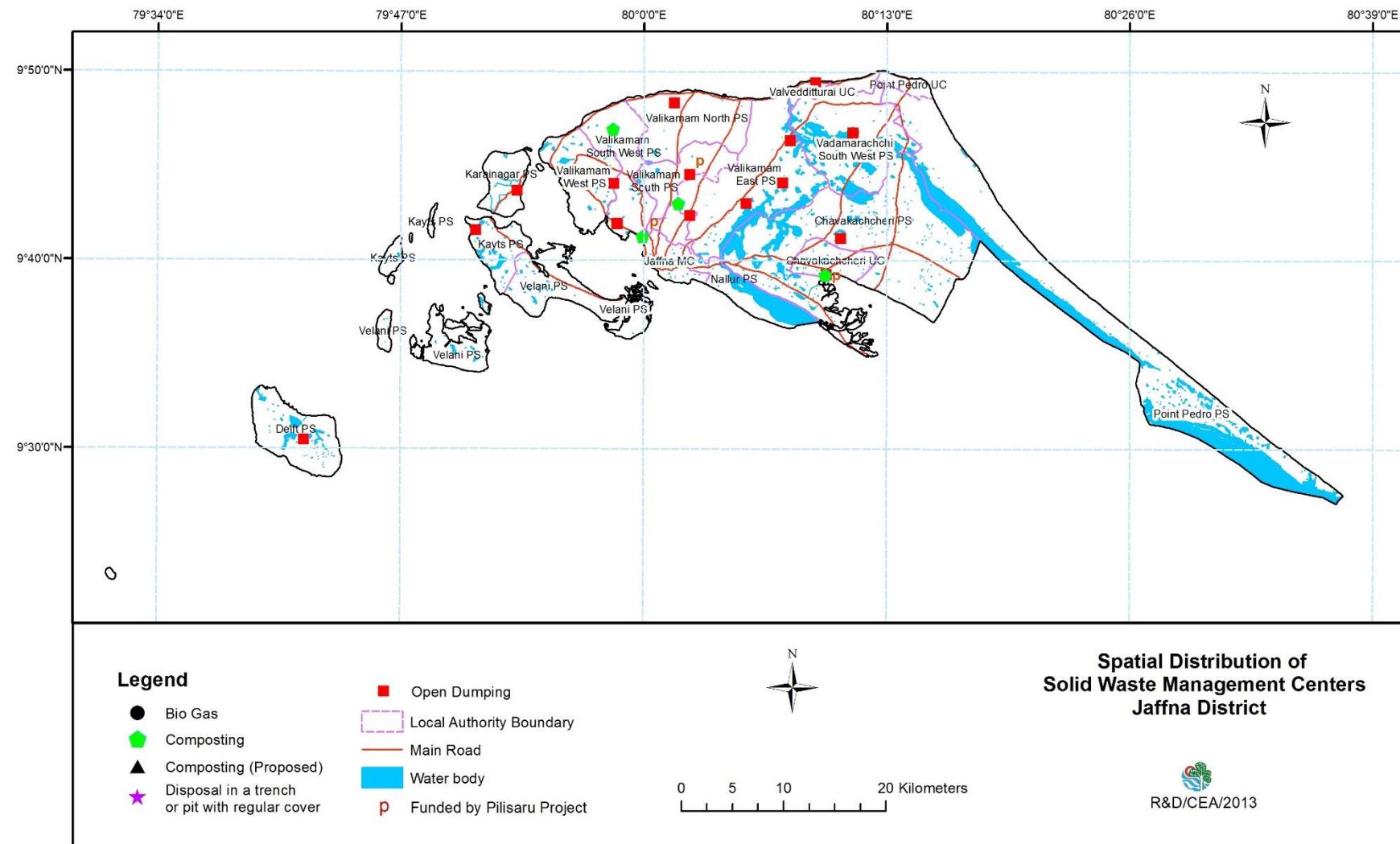
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 31: Spatial distribution of solid waste management centres in Jaffna district**



**Table 38: Key Statistics of solid waste management by Local Authority in Vauniya district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)						Allocation for SWM out of the Total LA budget (%)		
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes		
1	Vavuniya South (Tamil) PS	588.2	20,000	145,300	5,000	5		6					5.7%	48.0%	15.1%	1.4%	13.4%	1.4%	9.1%	5.7%	4%
2	Vavuniya North PS	497.0	9,227	18,250	6,500	4		2	2				7.4%	59.0%	1.5%	0.4%	7.4%	0.7%	22.1%	1.5%	
3	Vavuniya South (Sinhala) PS	188.5	4,268	17,072	5,000	5		3													
4	Vavuniya UC	23.5	20,047	88,655	20,000	91		6		2	1	4	7.1%	51.4%	14.3%	2.9%	10.0%	2.9%	7.1%	4.3%	4%
5	Vengalachcheddykulam PS	413.0	6,235	24,603	20,000	10		3				3	2.0%	40.0%	15.0%	3.0%	20.0%	5.0%	2.0%	13.0%	16%

\* ST- Special dump trucks

T4- Four wheel tractors with trailer

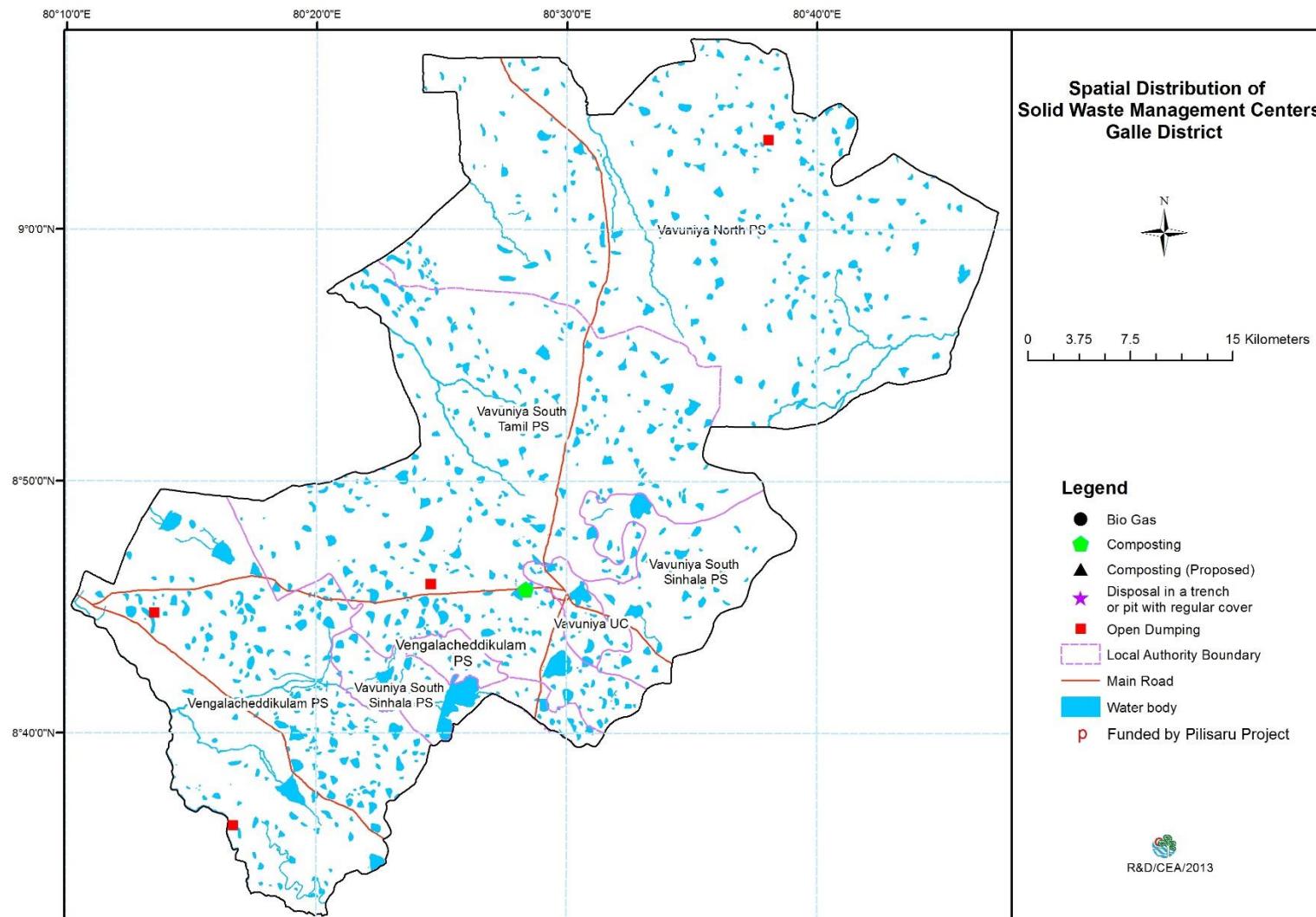
T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 32: Spatial distribution of solid waste management centres in Vauniya district**



**Table 39: Key Statistics of solid waste management by Local Authority in Mannar district**

No	Name of the Local Authority	Area (1km <sup>2</sup> )	No. of Families	Population	Gross weight of waste collected per day (kg)	No. of Labour force	Vehicle/Equipment used for SWM *						Composition of Waste (%)						Allocation for SWM out of the Total LA budget (%)		
							ST	T4	T2	CR	TR	HC	Polythene/plastic wastes/shopping bags	Bio-degradable wastes (Short term )	Bio-degradable wastes (Long term)	Metal wastes	Wooden wastes	Glass wastes	Paper wastes	Other waste	
1	Mannar PS	190.3	7,157	27,020	2,000	25		3					0.8%	40.6%	24.3%	3.2%	21.1%	1.6%	2.4%	5.9%	
2	Mannar UC	27.9	6,727	25,641	12,000		1	6					0.9%	24.6%	8.8%	3.5%	7.0%	1.8%	17.5%	36.0%	
3	Manthai West PS	1053.6	3,904	13,333	300	6		2	1				5.0%	10.0%	20.0%		30.0%		5.0%	30.0%	20%
4	Musali PS	474.2	4,109	16,473	200	3		1					6.3%	3.1%	6.3%	15.6%	15.6%	7.8%	9.4%	35.9%	10%
5	Nanaddhan PS	134.2	6,104	20,777	8,000			3	1			3	0.4%	49.4%	4.9%	2.5%	0.8%		0.8%	41.2%	

\* ST- Special dump trucks

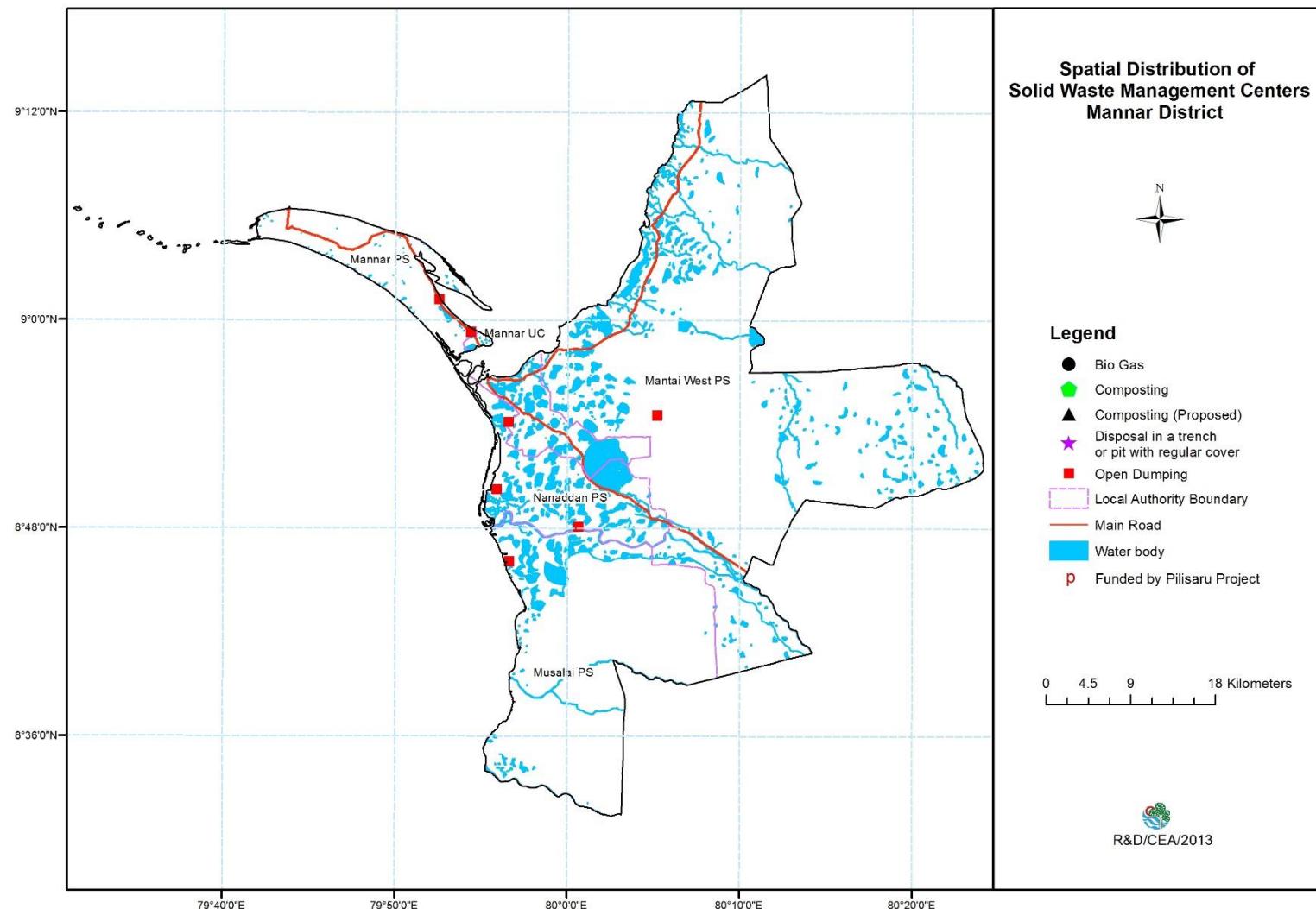
T4- Four wheel tractors with trailer

T2- Two wheel tractors with trailer

CR- Compactor

TR- Trippers / dump truck

HC- Hand carts

**Figure 33: Spatial distribution of solid waste management centres in Mannar district**

# **Annex IV**

# **Questionnaire**