

PROGRESS ON ISWMP

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ACTIVITY SCHEDULE

<p>1</p>	<p>All previous related studies to be made available to KNCPC, who will load them up to a website accessible to all on the project.</p> <p>NOT ACHIEVED</p>	<p>NTT, K.Khisa</p>
<p>2</p>	<p>Each working group to define and understand their area of study, in terms of geographic boundaries, waste generators, collection points, recovery and collection practices, and likely disposal places. One report per group .</p> <p>COMMENCED JUNE 8</p>	<p>All 10 teams, Eng. Njenga, CCN, J.Akumu UNEP</p>
<p>3</p>	<p>Each team to give some thought to potential generators of large quantities of waste of a specific (unmixed) type of waste that could be a resource but currently is not.</p>	<p>All 10 teams, Eng. Njenga, CCN</p>

ACTIVITY SCHEDULE

<p>4</p>	<p>Each team to go through prior studies and extract detail on waste generators, types, sources as appropriate to their study area. Pay attention to year in which measurements or estimates were made. Data to be entered onto UNEP ISWMP data collation worksheet.</p> <p>VERY LITTLE PUBLISHED DATA AVAILABLE(JICA,1998) DATA OBTAINED FROM CBOS, RECYCLERS, CNN RECORDS</p>	<p>All 10 teams, Eng. Njenga, CCN</p>
<p>5</p>	<p>UNEP and UCT teams to be provided with these results, to provide help where necessary during earlier steps, and to vet the final results of the secondary data analysis. UCT team to provide overall Nairobi picture to NTT.</p> <p>DATA YET TO BE SENT OVERALL PICTURE FROM RECONNAISSANCE STUDY PREPARED ON GIS BY GIS TEAMS</p>	<p>M. Memon, H. von Blottnitz</p>
<p>6</p>	<p>First phase of primary data collection, hands-on training, testing and fine-tuning of methods; at least one survey at 3 different points of generation, 1 collection point, 1 disposal point</p>	<p>All 10 teams, Eng. Njenga, CCN</p>

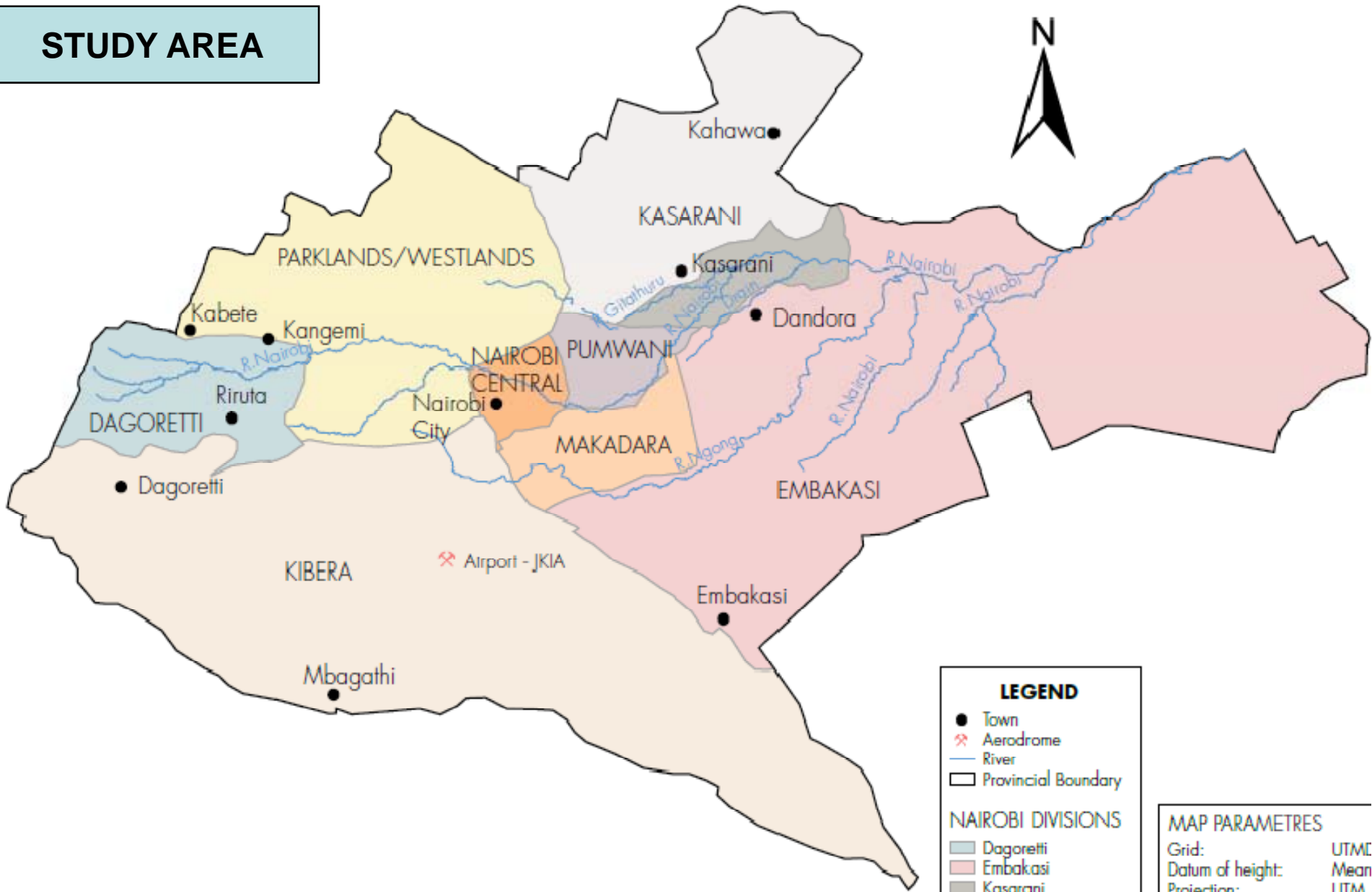
ACTIVITY SCHEDULE

7	Each team to make a recommendation as to where primary data collection should focus, taking into account results from steps 3&6, gaps identified in step 4, and points where data is out of date and needs to be revised.	All 10 teams, Eng. Njenga, CCN
8	Each group to administer questionnaire on social economic data	All 10 teams, Eng. Njenga, CCN NOT YET DONE
9	NTT to discuss results of secondary data collation, and to approve focus areas for primary data collection.	All 10 teams, Prof Ngau/Kahiu GIS MAPS PREPARED FOR REVIEW
10	Working groups to define detailed programme for primary data collection.	All 10 teams, Eng. Njenga, CCN Prof Ngau/Kahiu

ACTIVITY SCHEDULE

11	<p>Primary data collection and waste characterisation.</p> <p>TEAMS READY</p> <p>AWAITING PROTECTIVE CLOTHING</p>	<p>All 10 teams, Eng. Njenga, CCN Prof Ngau/Kahiu</p>
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STUDY AREA



Scale 1: 250.000

LEGEND

- Town
- ✳ Aerodrome
- River
- Provincial Boundary

NAIROBI DIVISIONS

- Dagoretti
- Embakasi
- Kasarani
- Kibera
- Makadara
- Nairobi Central
- Parklands/Westlands
- Pumwani

MAP PARAMETRES

Grid:	UTMC
Datum of height:	Mean
Projection:	UTM
Central Meridian:	39°01
Latitude of Origin:	Equat
Unit of Measurement:	Metre
Datum:	New Clark
Speroid:	Clark

Basic Information - 1

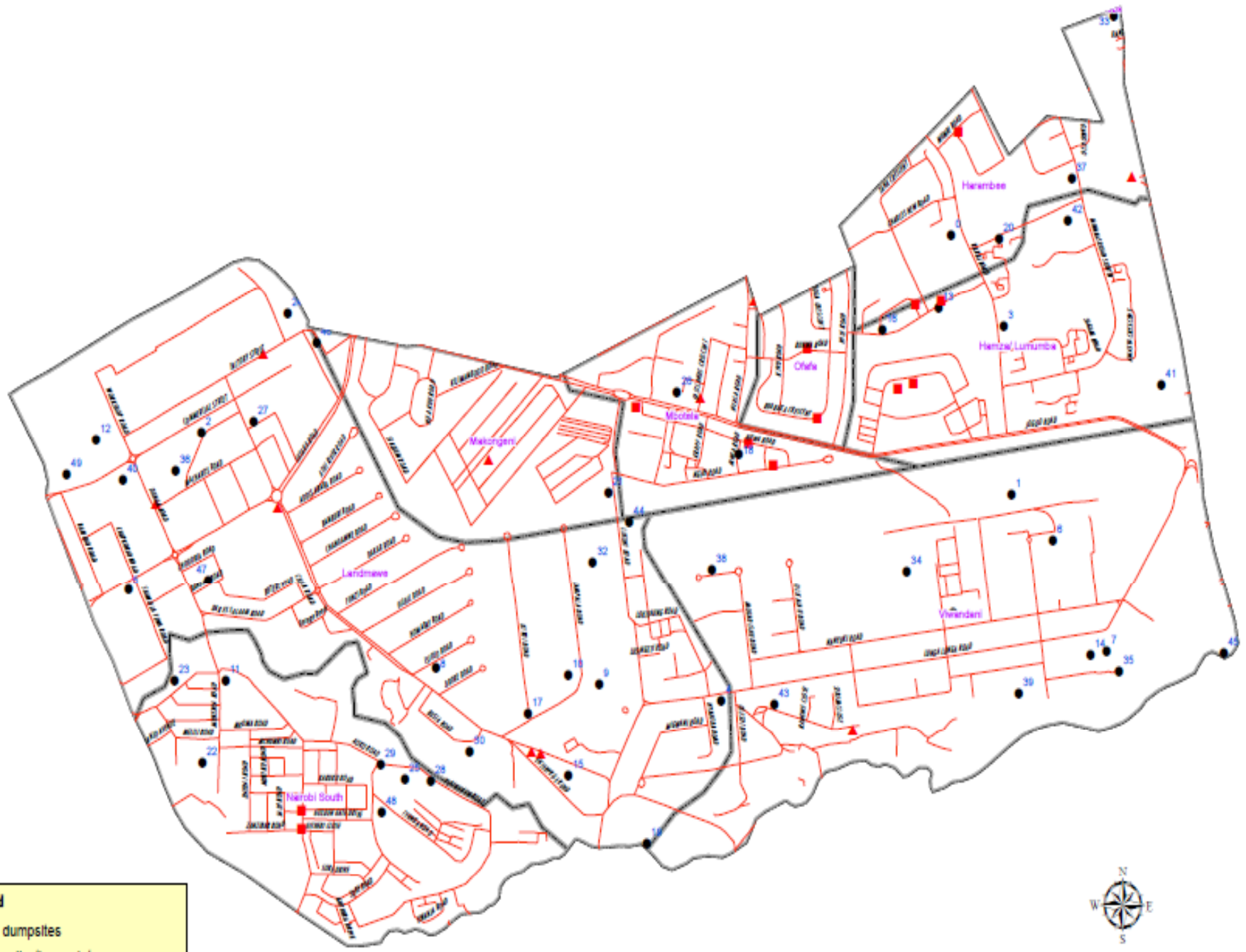
- **Maps**

- Geo-administrative boundaries
- Land-zone planning with details
- Primary collection points (street-wise)
- Final disposal points
- Routes for collection vehicles

IDENTIFIED AND
MARKED ON THE
GIS MAP
WARD BY WARD

- **Demographic and socioeconomic data**

- Population in various zones (and future growth)
- Average family size and number of single family & multi family buildings in each zone
- Socioeconomic levels in various zones
- Basic data on solid waste from different sectors



Legend

- ▲ dumpsites
- collection_points
- makadara_randomsamplepts2
- ▭ Wards_(Sub-Zones)

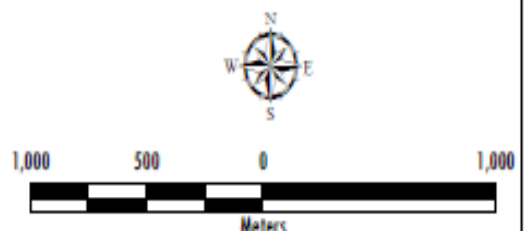
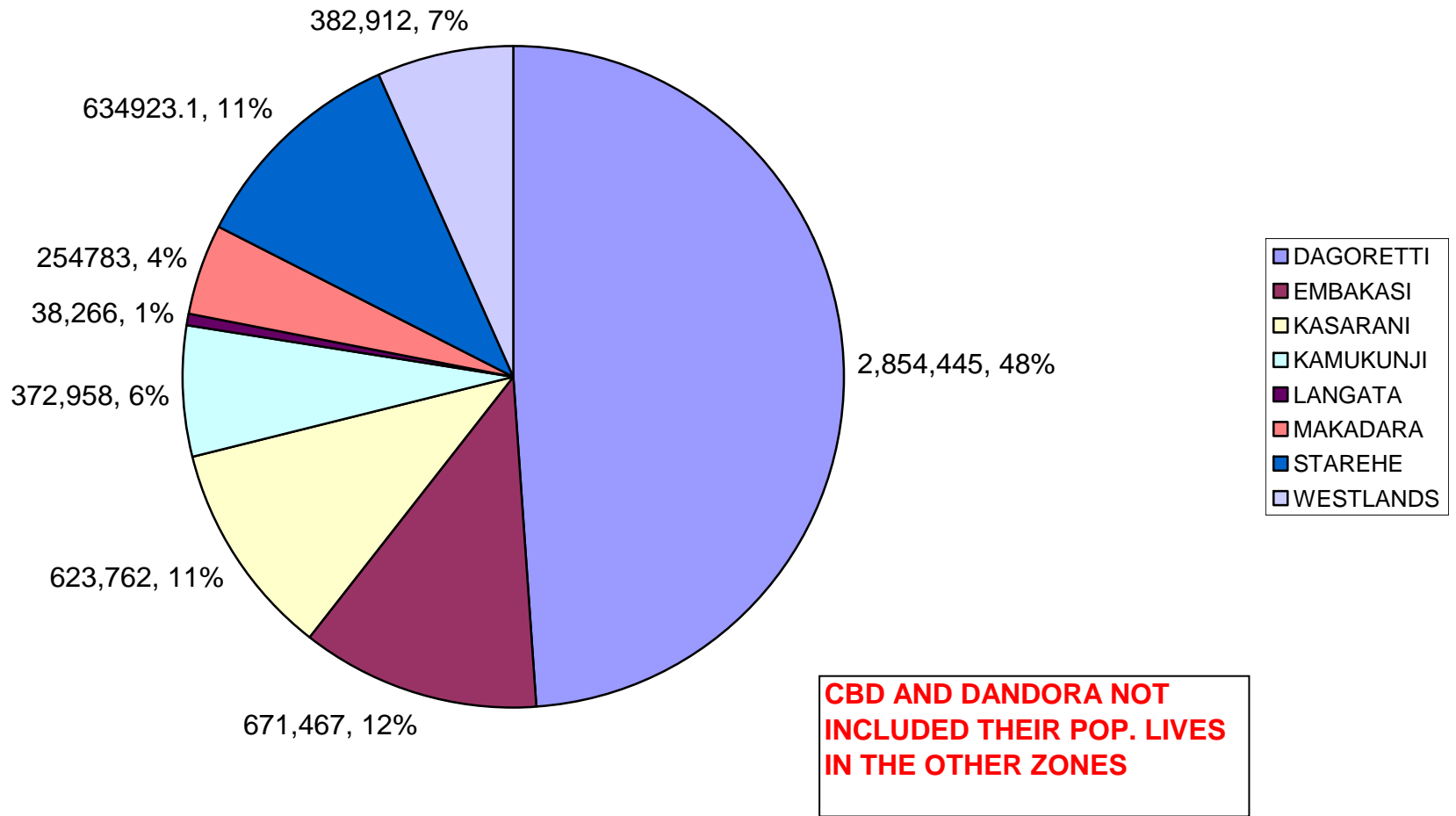


FIGURE 11: ESTIMATED POPULATION OF RESPECTIVE ZONES



SECONDARY DATA

- SEE GRAPHS

CHALLENGES

- Lack of published secondary data
- Lack of access to industry. Very limited industry data available
- Lack of awareness of stakeholders of exercise (Industry leaders)
- Lack of a champion.
- Late dissemination of funds.
- Reduced budget

WIN-WIN

- Developed protocol for primary data collection which will ensure accurate results.
- Motivated teams.
- Work on schedule.

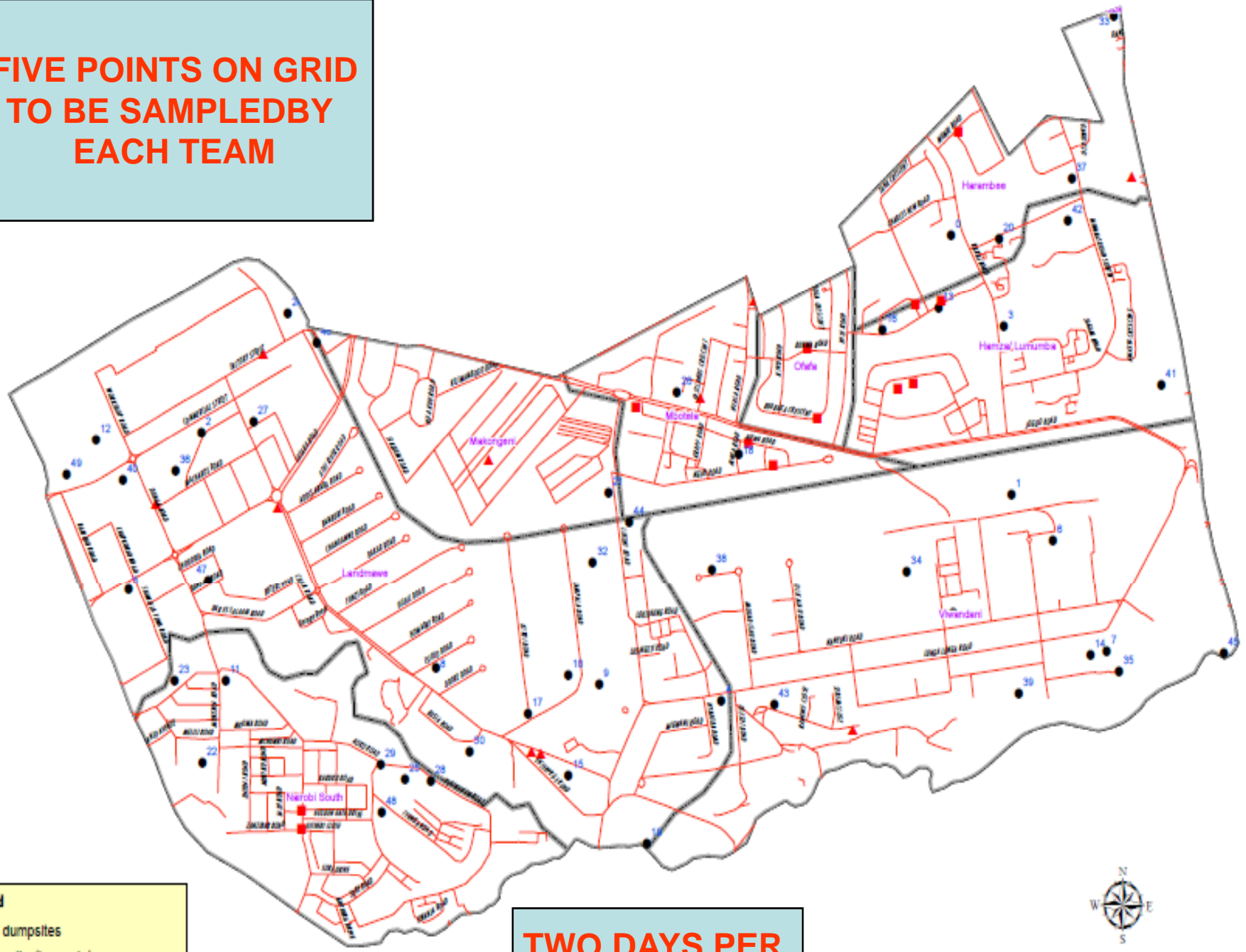
Next step Primary Data Collection

Material	Residential	Commercial
Newsprint	6	6
Cardboard	3	3
Aluminium	3	7
Ferrous	2	6
Glass	2	4
Plastic	3	4
Organic	1	1

**Sampling
Confidence Level
of 70%**

SAMPLES PER ZONE

**FIVE POINTS ON GRID
TO BE SAMPLED BY
EACH TEAM**



**TWO DAYS PER
ZONE**

Legend

- ▲ dumpsites
- collection_points
- makadara_randomsamples2
- Wards_(Sub-Zones)

