DATA FLOW

SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITIEN CITIES

PROJECT ID:PNT2022TMIDO3981

DATA FLOW

Control Center

Control Center

Startup Phase

- Activate Wireless Interface
- Connect with Raspberry Pi
- Activate Wireless Sensing module or Sensors
- Activate Lead Cell to detect weight of garbage bins

Insert Garbage waste data

Level Data

Transmit garbage level data

Monitoring system

Admin that location

Run fill level Alert

Cloud data

Ultra Sonic sensor
Level detectio
>80 0r <80

Leed Cell

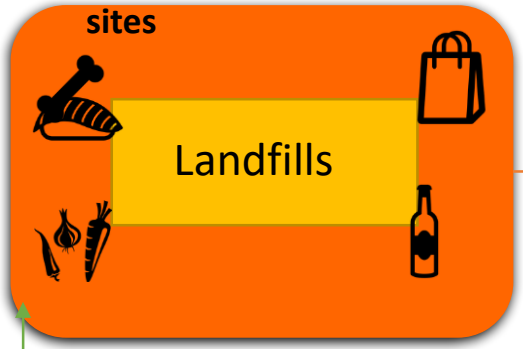
Raspberry Pi

GS M

Send SWB metadata to the server

Smart waste garbage

Garbage dumping sites



Recycle

Truck Trash

Smart Fone(To get gps location for dustbins which is filled)

Webportal to show the location of garbage id which can access by waste collector

Truck track car