

# Smart Waste Management System For Metropolitan Cities

## SOLUTION FIT

### 1. CUSTOMER SEGMENT(S)

The preliminary phase of this system comprises of proper disposal and anthology, which is the major brave. Municipal corporate employees are our users.

### 4..CUSTOMER CONSTRAINTS

Rough action of user may damage the sensor  
The product may have short lifespan  
Network connection required properly  
Installation cost will be high  
Scope, Time , Risk

### 2. JOBS-TO-BE-DONE / PROBLEMS

We need to monitoring the levels of bins and alerting the user to clean provide location of the bin, efficient service for the collection, transportation and disposal of waste.

### 5.AVAILABLE SOLUTIONS

Available solutions are use a reusable bottle/cup for beverages on-the-go. Use reusable grocery bags, and not just for groceries. Purchase wisely and recycle. Compost it! Avoid single-use food and drink containers and utensils. Buy secondhand items and donate used goods.

### 3. EMOTIONS: BEFORE / AFTER

Provide better environment for people live around bins . This technology can lead towards the development and adoption of a cleaner production, circular economy and effective waste management, thus improving environmental sustainability.

### 6. BEHAVIOUR

Find the required sensor based on the requirements and get the expected results.

### 7.CHANNELS of BEHAVIOUR

#### Online:

- Use emails and articles instead of letters and magazines
- Create voluntary awareness in social media

#### Offline:

Reduce recycle reuse    Buy second hands and reduce goods    Use biodegradable covers  
Compost it

### 8.YOUR SOLUTION

Our solution is to provide a smart waste management system where sensors are fitted inside the dustbins which collect the waste in the locality and alert the respective people to collect and segregate the waste. The system also provides route planning for the collection of the waste. We need too explain our customers about the advantages and positive thing about the product