

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S) Who is your customer? Citizens of urban cities. People of highly populated areas.</div>	<div>6. CUSTOMER CONSTRAINTS Overflowing bins Rise in pollution Unhygienic living condition Increase in number of diseases</div>	<div>5. AVAILABLE SOLUTIONS Smart Waste Bins Waste Level Sensors AI Recycling Robots Garbage Truck Weighing Mechanisms Pneumatic Waste Pipes Solar-Powered Trash Compactors E-Waste Kiosks Recycling Apps</div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS Make source segregation mandatory. Route optimization for trucks for efficient pickup. Using recovers for collection of wastes in public parks.</div>	<div>9. PROBLEM ROOT CAUSE The rate at which solid waste are produced in most developing countries is becoming alarming. This increase is due to population growth and rural-urban migration. Garbage bin seen around which appear overfull to the point of spilling out, leading to offensive odour and causes environmental pollution. As a result, there is increase in diseases because it gives rooms for insects to breed. So we need a smart system that effectively manage the waste .</div>	<div>7. BEHAVIOUR Install load cell and sensors for weight and level measurements in trash bins. Use GPS for garbage locations.</div>	
Focus on J&P, tap into BE, understand RC				Focus on J&P, tap into BE, understand RC

### 3. TRIGGERS

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Serious threat to the healthy living of citizens triggers the customers. Water, air and soil are all subject to being polluted by improper waste disposal, leading to health epidemics like Cholera or Dysentery in a population.

### 4. EMOTIONS: BEFORE / AFTER

Customers are highly prone to diseases due to an unhygienic environment caused by solid waste.

Once the proposed solution is installed, it improves public health and reduces environmental pollution.

### 10. YOUR SOLUTION

Smart alert system for garbage bins that are full and efficient route system for garbage collection trucks.

Using load cell and sensors for weight and level measurements and GPS for garbage locations.

### 8. CHANNELS of BEHAVIOUR

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Offline

Consult with interested stakeholders.

Create a waste management-focused community outreach plan.

Determine locations or criteria for waste management sites..

Online

Search for companies with the appropriate solutions.

The detection, monitoring and management of wastes through sensors.

Developing recycling apps.