

1. CUSTOMER SEGMENT(S)**CS**

Who is your customer?
i.e. working parents of 0-5 y.o. kids

Waste holders such as private individuals, property owners, or companies and human beings.

6. CUSTOMER CONSTRAINTS**CC**

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

Efficient waste management, provides better control over odor, reduce pollution.

5. AVAILABLE SOLUTIONS**AS**

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

PROS: This smart Waste management optimizes waste collection, saving time money and the environment.

CONS: Some bins overflowing with waste causing unnecessary cleaning costs.

2. JOBS-TO-BE-DONE / PROBLEMS**J&P**

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

Misunderstanding of the operations of smart sensors.

Machine guarding hazards.

Chemical exposure.

9. PROBLEM ROOT CAUSE**RC**

What is the real reason that this problem exists?
What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

Between 30% and 35% waste occurred from building construction industries etc..

Manufacturing and Agriculture.

Household trashes.

7. BEHAVIOUR**BE**

What does your customer do to address the problem and get the job done?
i.e. directly related: find the right solar panel installer, calculate usage and benefits;
indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

May be they go for advance technologies.

Waste to energy incineration.

3. TRIGGERS**TR**

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

Offer something to get something bigger in return.

4. EMOTIONS: BEFORE / AFTER**EM**

How do customers feel when they face a problem or a job and afterwards?
i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Before solving problem they are in frustration, anger, Tension, low confidence.

After the problem is solved they are happy, getting more confidence, getting ideas.

10. YOUR SOLUTION**SL**

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

Reducing the amount of waste that is created, reuse waste material that would be disgraded.

8. CHANNELS of BEHAVIOUR**CH****8.1 ONLINE**

What kind of actions do customers take online? Extract online channels from #7

8.2 OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Online:
May be they go for advance technologies.

Offline:
Frequent food waste collection, to encourage participation.