Smart waste management system

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STEP 1

Problem Solving Cards

-Basic question
 #Problem Statement
  1. *Whats most valuable to the customer?*
  2. *What are we the best at?*
  3. *Where are we looking to improve?*

STEP 2

Framing Statements

smart waste management sys<em framing

The grea:le:st problem regardirg waste maMgement in deYeloping coontries begin; at the very starting poin• of the PfOCs.. Due to Jack of pn>per systems for disposal a.nd colJtottioos,Mstes and garbage's endup in the rouls and surrounding:. According to a report from Google research,. the amount of waste generation in 2010 W'iS around 20,000 tons per day, aid it ts mated that by 2025 t1 ie amount wilt be noless than around 47000 toos pes day. With 1 h• '';..., l mg m"d1t1 rk nf Mll•r!lino Midd.iqwsut **it i** near impossibfe IO man.;age st1eh ;unount of waste in du:> futuf'f! as around 30:'\ of waste end up on the roads and public places due to ineffecrin dispcsing and collectini gmethod'S. Not only that, 1 berei.seven Msystematic methodofogy for thecolJected gatbage foi ll'eating and reeyding thus most of them endup in land fiH(ng •nd ri Ye:r water, making cbe environment unhuhhiet.

The prime impediment of imphmenting smart waste m.aRagement system b.ased onloTina develo.pmg country ts the social at1d economic infri:Structure of the country itself. The initial st;tg:eof Ihissyste11 comprises of prop.ff disposal and collec1ion_ which ls the bi,gestcbalfeoge.
 In tion, to motivate a OO ililuence people to foflow proper *waste* disposal thods is •Lso important..

STEP 3

Ideas
Problem Solution

Example ideas:

Previously there were numerous itiat ves on waste management and educating people to dispose waste properly, and as they fai ed to achieve sig fcant rests. we have figured out the scopes that could be devebp. To sove this problem, we have designed a process that ensu1es proper dsposal and efficient waste collection.

The procedures we designed involves creative initiat ve that will inspie people to dump in designated area or bins, and innovative method by using Decreasing Time algorithm or OTA for monitoring garbage generation and collection of the garbage's.