

# PROPOSED SOLUTION

## PROBLEM STATEMENT

It is near impossible to manage such amount of waste in the future as around 30% of waste end up on the roads and public places due to ineffective disposing and collecting methods

## IDEA

By collecting all household waste at a single point our system is easier to maintain and more cost efficient than traditional handling

## NOVELTY

smart waste bins,waste level sensors ,AI recycling robots,garbage truck weighing mechanisms,pneumatic waste pipes

## SOCIAL IMPACT

Fill level is implemented to dispose solid waste.Dependent on fill level system sends appropriate notification message to alert relevant authorities.

## BUSINESS MODEL

No missed pickups,reduced overflows,waste generation analysis,co2 Emission Reduction

## SCALABILITY OF SOLUTION

Scalability is an aspect or rather a functional quality of a system, software or solution.