

SAF-AI

January 24, 2018

Let's make the world a cleaner place



# PROBLEM


## “Garbage”

**What? Is this really a problem?**

I mean we all have heard it so many times that it doesn't even look like a problem.

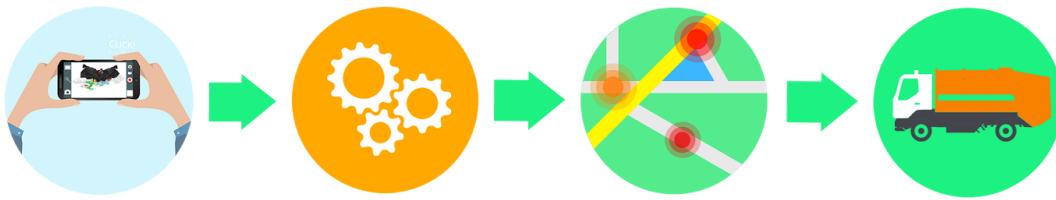
But **over 16% of garbage** still isn't collected every day from the huge amount generated.

So all these years have passed, lots and lots of technology advancement happened but still we can't even locate garbage in our locality.



# Our Solution

A platform which will allow people to locate garbage around them and send the details to our server where we will process data and use ML to cluster locations and process images. At the end of the day we'll have a set of coordinates and to send garbage trucks to pick up garbage and a real time heatmap to make people realize the amount of garbage around their locality. Not to forget the directly proportional relation between user base and accuracy of location.



Open your device, Report, and get the garbage picked from your locality.

# Our future plans

1, Provide shortest path to trucks for a cluster

2, Image recognition

3, Collaborating with NGOs & recycling plants.

4, Show heat maps to user.


5, Rewards to reporters

## How do we plan to make money

1, Sell the garbage to recycling plants - We can direct garbage truck to go to recycling plants and sell the garbage directly.

2, We can collaborate with the current existing app run by government to update their app and make it more efficient.

3, We can give data to other NGOs and collaborate with them to clean the city.



SUBMITTED BY - Chaitanya Giri Goswami

Email - girichaitanya11@gmail.com

More details - <https://Chaitanyagiri.github.io/>



Fin.