

# Drone Earth



# Our Problem

- ◇ There is 8.3 billion tons of plastic, that is able to be recycled, but isn't.
- ◇ 240 billion dollars worth of food is wasted and simply thrown out.
- ◇ 11.7 million tons of electronic waste was generated in 2014, with more produced each year that isn't recycled.
- ◇ These numbers could be drastically reduced if the waste in the environment was collected.



## Solution

- ◇ Drones that collect trash in the environment
- ◇ Trash goes recycling facilities or decomposed with bacteria
- ◇ Drones have tracker
- ◇ Drones will use A.I
- ◇ Goal is to have facilities around the globe



## Mission Statement

Our goal is to solve the global problem of large amounts of waste scattered around the globe



## UN Sustainable Goals

**Goal 12: Recycling the materials we use in everyday products to reduce overall waste, we will gather the recyclables and bring them to recycling plants**

**14: Keeping the oceans clear of plastic by retrieving any plastic bags on the beaches**

**15: Planting trees, our part will be to spread seeds using drones, possibly in nutrient rich capsules to help increase the germination rates**

WEBSITE

## The Impact of Advanced Web Development and Drones

- ◇ We will use web development to spread awareness of the problems previously mentioned as well as our solutions. Web development also allows us to collect funds to increase the scale of the operation.

## Collaboration

- ◇ We collaborated with two groups from Darby, Pennsylvania who's idea was to use drones to deliver supplies to refugees.
- ◇ We shared ideas with them, and helped specify different aspects of their project, such as methods.
- ◇ They gave feedback on our ideas and helped us create different uses for our drones out in the field.

THANKS FOR WATCHING