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Green Heart Action Plan

Problem Definition/ Problem Statement

The problem in one of our group member's neighborhoods is that there is a lot of construction going on and not many trees are getting planted. To add on in the entire world is that there is only ONE day just to plant trees, and stop pollution, and that is earth day. But people don't even do anything, as they would just play games or won't even help with anything for that day.

Root Cause of the Problem

The root cause of the problem is people want to build to expand their economy and increase their country's GDP but they don't realize that it will lower oxygen levels in the area.

List at Least Three Credible Resources that Support Your Problem Statement

- *ASG Roll-Off & Grading*. (2022). ASG ROLL-OFF. <https://asgrolloffgrading.com>
- Arbor Day Foundation. (2019). *Buy Trees and Learn About Trees - Visit our Online Nursery*. Arborday.org. <https://www.arborday.org/>
- *Dedicated to protecting Atlanta's urban forest*. (2017). Treesatlanta.org. <https://www.treesatlanta.org/>
- webadmin. (2012, September 12). *New Study Shows Benefits of Citrus Trees On Air Quality*. AndNowUKnow. <https://www.andnowuknow.com/bloom/new-study-shows-benefits-citrus-trees-air-quality>



Proposed Solution

The solution to this problem is by using seeds to plant trees that will give the people the oxygen that they need.

How We Will Measure Our Success

We can measure our success by using a portable Non-Dispersive Infrared (NDIR) sensor device.

Who are Decision Makers We Need to Reach

Some decision makers are

- Coach Hines
- Ms. Champion

Our 3-5 Step Plan for Change

Our three to five step plan to change is

- Buy supplies
- Check the air
- Plant the seeds
- Then after a while check the air near the newly planted trees

Impact & Equity

Once we have finished planting these trees, we should see more purified air and more people going outside and actually being able to take a breather.



What Help We Need to Be Successful

We need experienced gardeners to help us during the process of making the trees and making right choices . We need educated biologists to help us understand the amount of time to grow the plant.

