

# Green Heart Action Plan

## Problem Definition/ Problem Statement

The challenge team Peachtree needs to address is how wildfires and pollution is being dispersed by wind thus harming wind conservation and our planet Earth.

## Root Cause of the Problem

Root Cause of the Problem The root causes of the problem are considered to be, wildfires and polluted air because both add struggles to the problem with wind conservation, which makes our earth not as safe and more polluted which can make animals die, structures be destroyed, and many respiratory issues like lung cancer for humans.

## List at Least Three Credible Resources that Support Your Problem Statement

Our team used three credible resources to support our problem statement: The Cal. fire article addresses California wildfires. Another credible resource The World Health Organization: Air Pollution this article differs from Cal. Fire because it talks about air pollution. Finally, the last credible source Team Peachtree used is the article The World Health Organization: Wildfires, this article talks about the dangers of wildfires. To conclude the 3 credible sources team Peachtree used are, Cal. Fire, The World Health Organization: Air pollution, and The World Health Organization: Wildfires.

## Proposed Solution

The proposed solution that team Peachtree has come up with is a tube that sucks in wind lightly to generate electricity. This would benefit both parties, us the people, and the world because it is widely spread among houses acting like a generator, but also small enough to not hurt the surrounding wildlife. This is team Peachtree's proposed solution to our problem of wildfires and air pollution.

## How We Will Measure Our Success

The way Team Peachtree can measure our success is by completing the necessary challenges to move on to the next stage of the Green Heart Stem Challenge and to achieve these goals we can work together to produce a fantastic video and action plan. This is how Team Peachtree will measure our success.

## Who are Decision Makers We Need to Reach

Team Peachtree has to reach are the representatives willing to invest in our solution to solve our problem. Team Peachtree can reach these decision-makers by completing all the challenges proposed by the Green Heart Stem Challenge.

## Our 3-5 Step Plan for Change

Our 3-5 Step Plan for Change Team Peachtree 4 step plan for change is: 1.To blow away polluted air in non populated areas to better help our citizens survive. 2.If there would be a wildfire we would make a button to stop the windmill from blowing and making the wildfire grow throughout the environment and fire fighters can go in and extinguish the fire with no casualties. 3.We will create a high enough frequency that humans can't hear, to keep away the birds in our environment to not fly into the windmill and cause many deaths. 4.We will make a silencer for the windmill since many people have problems with its overwhelming noise.

## Impact & Equity

The impact this invention will have on our environment is going to change the way people breathe and conserve air. This invention will slowly help our environment from pollution and wildfires to clean and safe air and forests. The equity of our invention will be fair because we will be asking for about 20-25% equity to the judges which I think is a fair equity for both sides.

## What Help We Need to Be Successful

To achieve success, we require financial resources such as money, essential materials such as metals and filters, and a dedicated team to promote our product, all aimed at maintaining a healthier planet Earth.

|  |
|--|
|  |
|--|