

Team Name & School: Mac N Cheese (Wadsworth Magnet School)

Teacher Name: Mrs. Everett-Miller

Green Heart Action Plan

Problem Definition/ Problem Statement

Atlanta's Rapid Suburbanization is causing many trees to be cut down for single-family housing

Root Cause of the Problem

Metro Atlanta is suburbanizing rapidly and can't come up with a reasonable way to control its rapid growth

List at Least Three Credible Resources that Support Your Problem Statement

- <https://www.treesatlanta.org/news/georgia-leads-the-way-in-urban-tree-loss/>
- [NASA Technical Reports Server \(NTRS\)](#)
- <https://ntrs.nasa.gov › api › citations › downloads>
- [Georgia's rapid population growth is taking a toll on its tree canopy](#)
- <https://www.atlantamagazine.com/news-culture-articles/atlanta-is-losing-trees-at-an-alarmin-g-rate-what-can-we-save/>

Proposed Solution

Our proposed solution is a website that shows hidden costs of living farther out from Atlanta, encouraging them to settle closer to the city. By doing this, we can ensure a decrease in suburbanization, thus helping the environment.



How We Will Measure Our Success

We will measure our success by tracking both quantitative environmental impacts and qualitative community engagement, focusing on transforming student's ideas into tangible, sustainable actions. Furthermore, by tracking digital engagement (how people use the site). Platform interactions like Average session duration, pages per session, download rates, and social shares and mentions can help us track the digital engagement.

Who are Decision Makers We Need to Reach

The main decision makers we need are County Governments for the Metropolitan counties like Cobb, Gwinnett, and DeKalb. Agencies like the zoning and land management departments control what is built in their jurisdiction, and

Our 3-5 Step Plan for Change

1. Make a blueprint for our website
2. Make our beta website in google sites
3. Get our website reviewed by multiple teachers like Ms.White, Mrs. Everett-Miller, Mrs.Gravolet, etc. (Feedback)
4. Take feedback that teachers and faculty gave us and improve our website even more.

Impact & Equity

We believe in protecting our forests. Our mission is to bridge the gap between forest conservation and urban opportunity through the lens of impact and equity. To us, impact it's the real-world breathing room we give nature to heal when we reduce our footprint on the wild. But we know that moving your life to a city is a massive change, and that's where equity comes in. It's our promise that no one should have to choose between the planet and their own progress.



What Help We Need to Be Successful

To be successful, we will need to complete our assigned tasks expeditiously and with complete accuracy. Along with that, we will ensure that all of our sources are reliable, eliminating any forms of misinformation. Through these actions, our group can guarantee our success in the long run.

