

Project Group Number: 005

Group Team Name: Carbon Cops

Group Members:

1. Emily Arnold (scrum master)
2. Andrew Goetz (product owner)
3. Nathan Evans (developer)
4. Evan Bowyer (developer)
5. Kaleb Sims (developer)

Name of your groups project: Patrolling Emission in the United States

In your own words describe what your project will be, what issue it will address. Please include any support materials or links that you are using or referencing to support your project.

As the United States has turned more industrial, carbon dioxide pollutes the earth more and more each year. This pollution has caused global warming, which in turn creates extreme temperatures, causes oceans to rise, and causes the Arctic to melt. Our project focuses on highlighting key problematic areas of the United States. The project will include an interactive map that will have a color scale to represent the area's carbon emissions. Moreover, the map will include a slide bar to show carbon emissions throughout the years. The map will include a key that highlights specific areas that have environmental laws and points out how effective these laws are. The map will be laid out by capita to consider different populations. We will also have various charts made in Python.

<https://www.epa.gov/air-trends/air-quality-cities-and-counties>