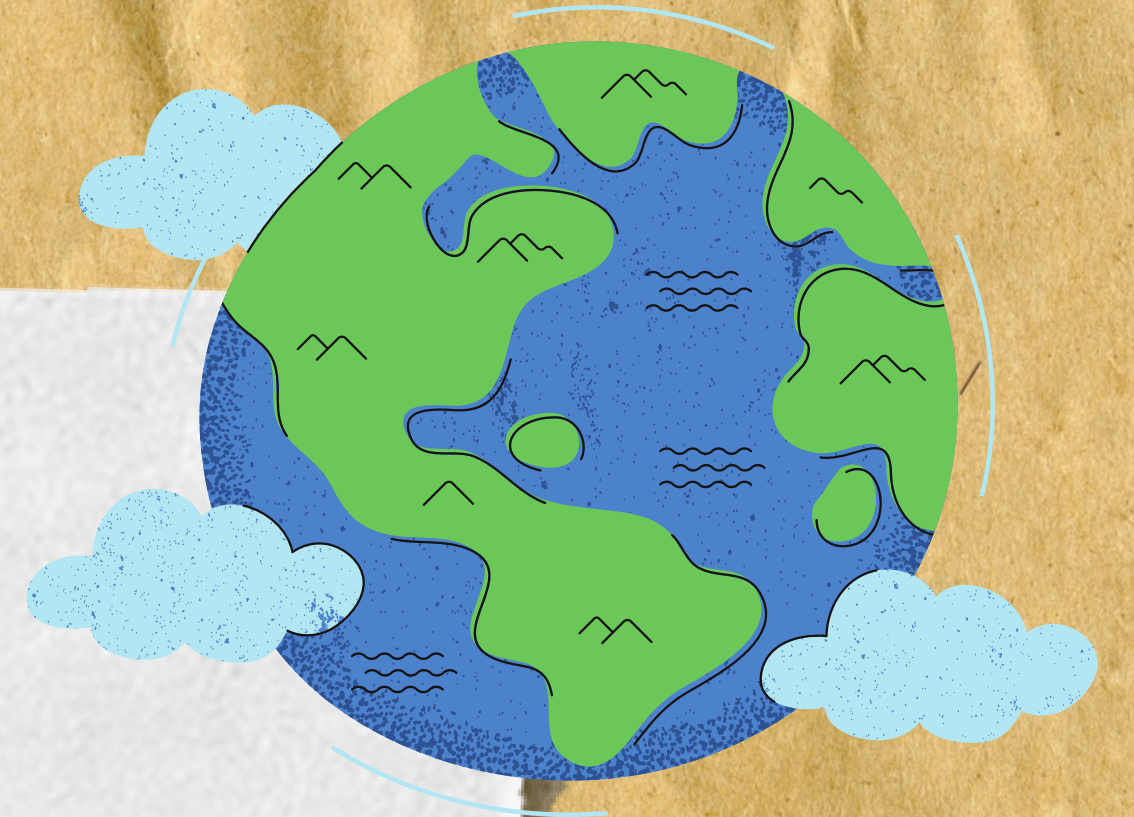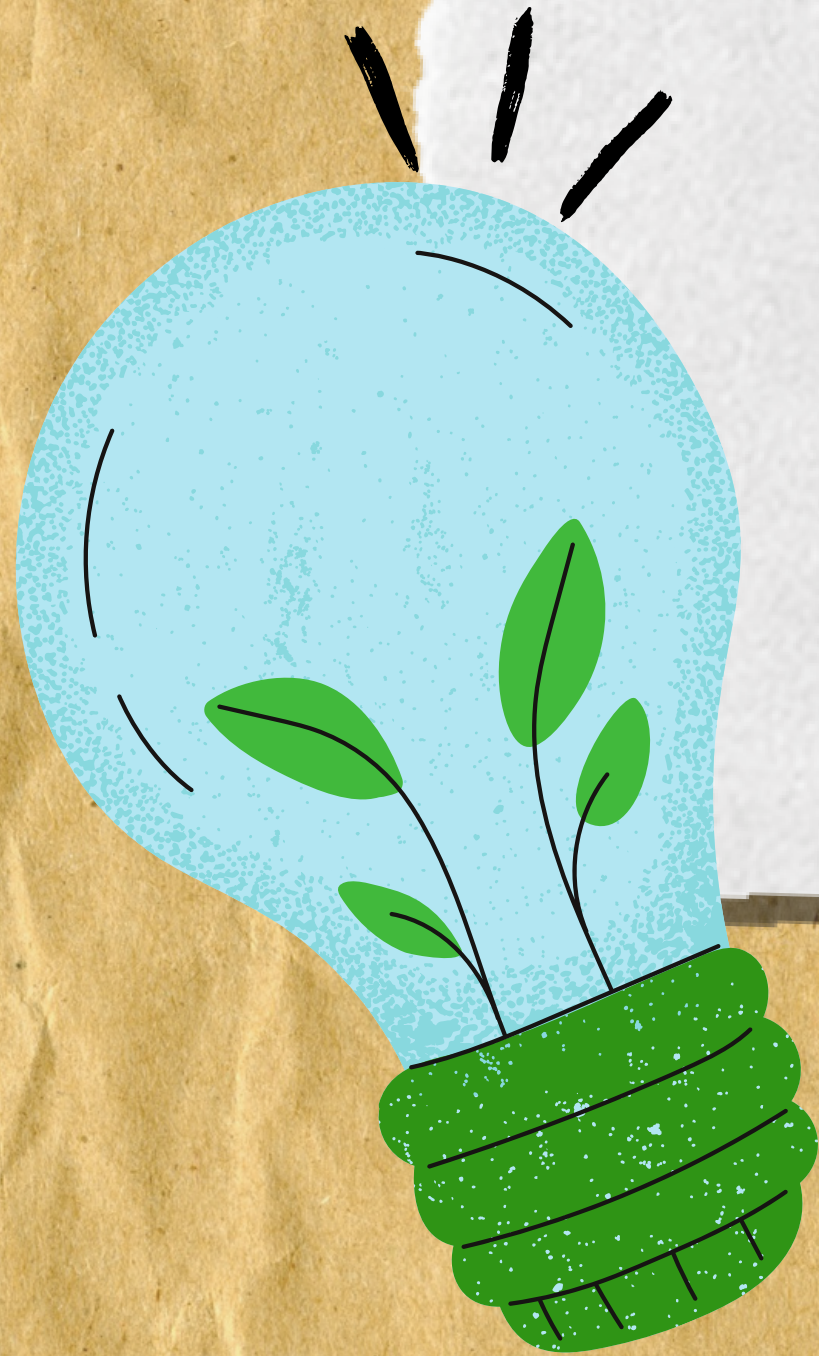# City Pollution Monitoring

Presented by
Adrian, Drishya, Max, Myron, Tarin

Meet the Team

Adrian Iannantuono

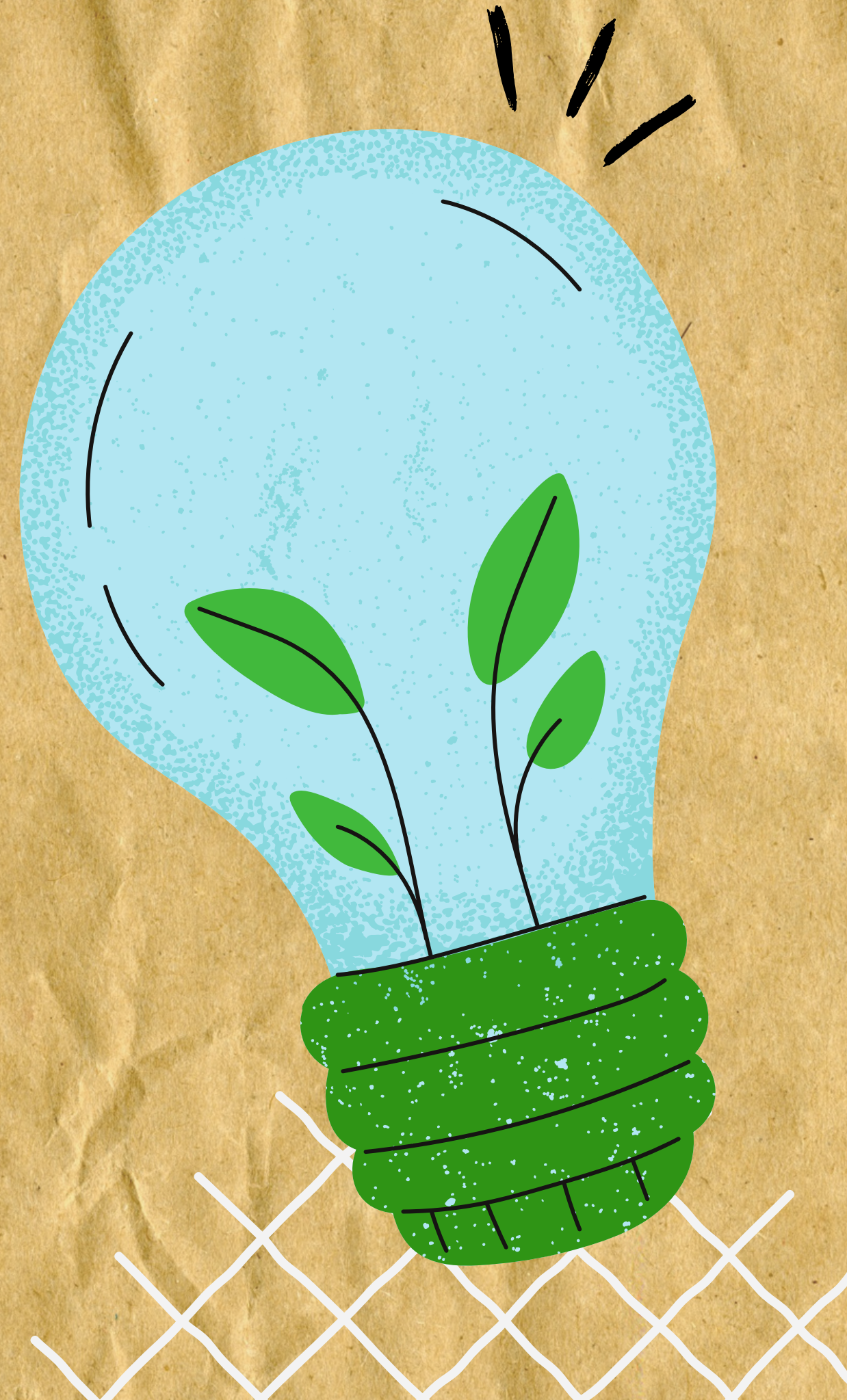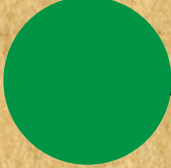Drishya Suresh

Max Shui

Myron Soares

Tarin Sultana

What is it?

- A compact, portable solution to monitor pollution levels
- Easy to use!
- Comes with a web app
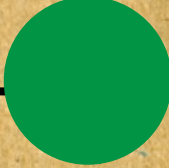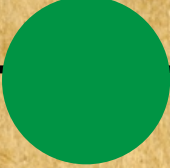- Also doubles as a powerbank for charging on the go

Why do you need it?

Monitor your environment

Be aware of what is in the air you're breathing in

Pollution Data Analysis

-Collected data is stored for later analysis
-Are EVs helping in reducing pollution?
-Predict future pollution levels?

Minimal user interaction needed
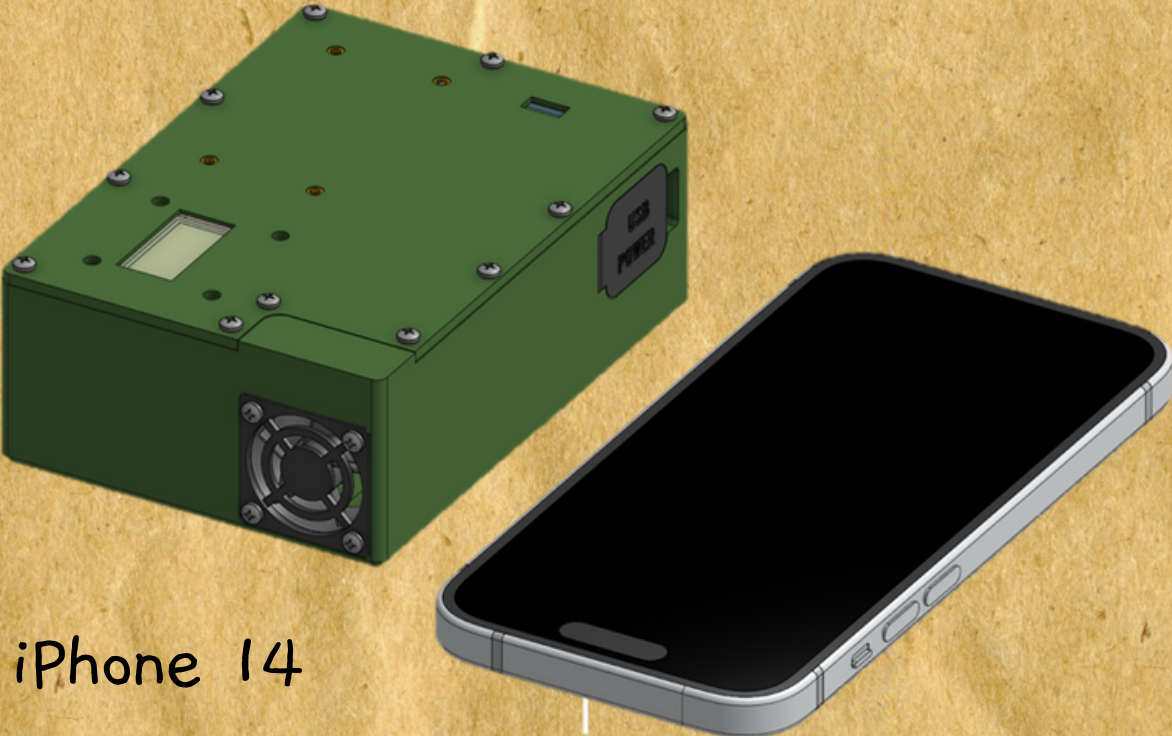
Only has an ON/OFF switch for interaction

Portable

-Attach any mount to it and make it easy to carry

Improves airflow to sensors for increased accuracy!
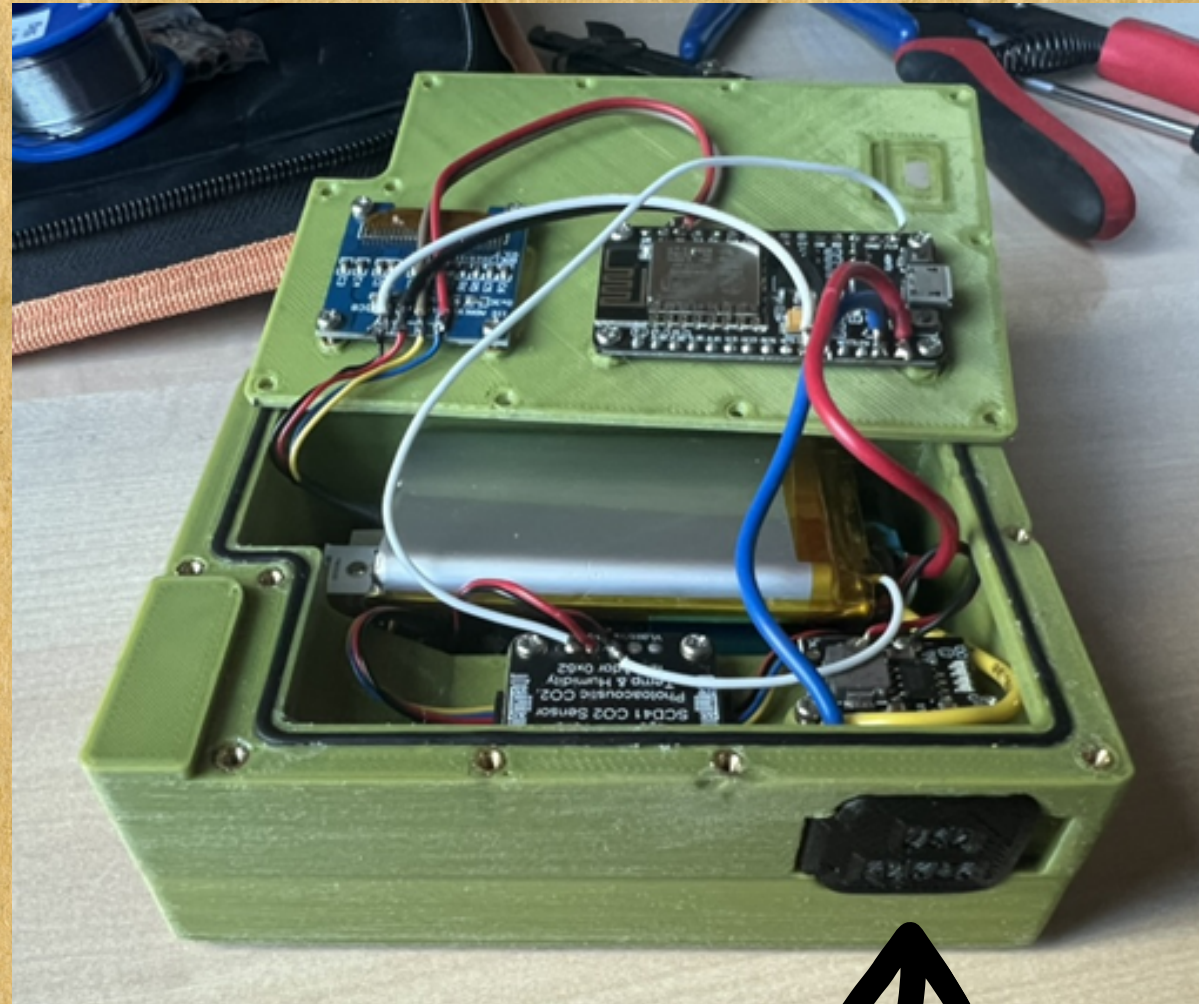
O-rings and sealant used for ingress protection

Isolated air channel to protect circuitry

Fan

CO2

Power Board

PM2.5

Air Duct

Smaller than an iPhone 14

Pollutant readouts and simple display symbols

1.0C 44.1%
CO2:7695ppm
PM2.5:1ug/m^3
45.256424N 75.413528W
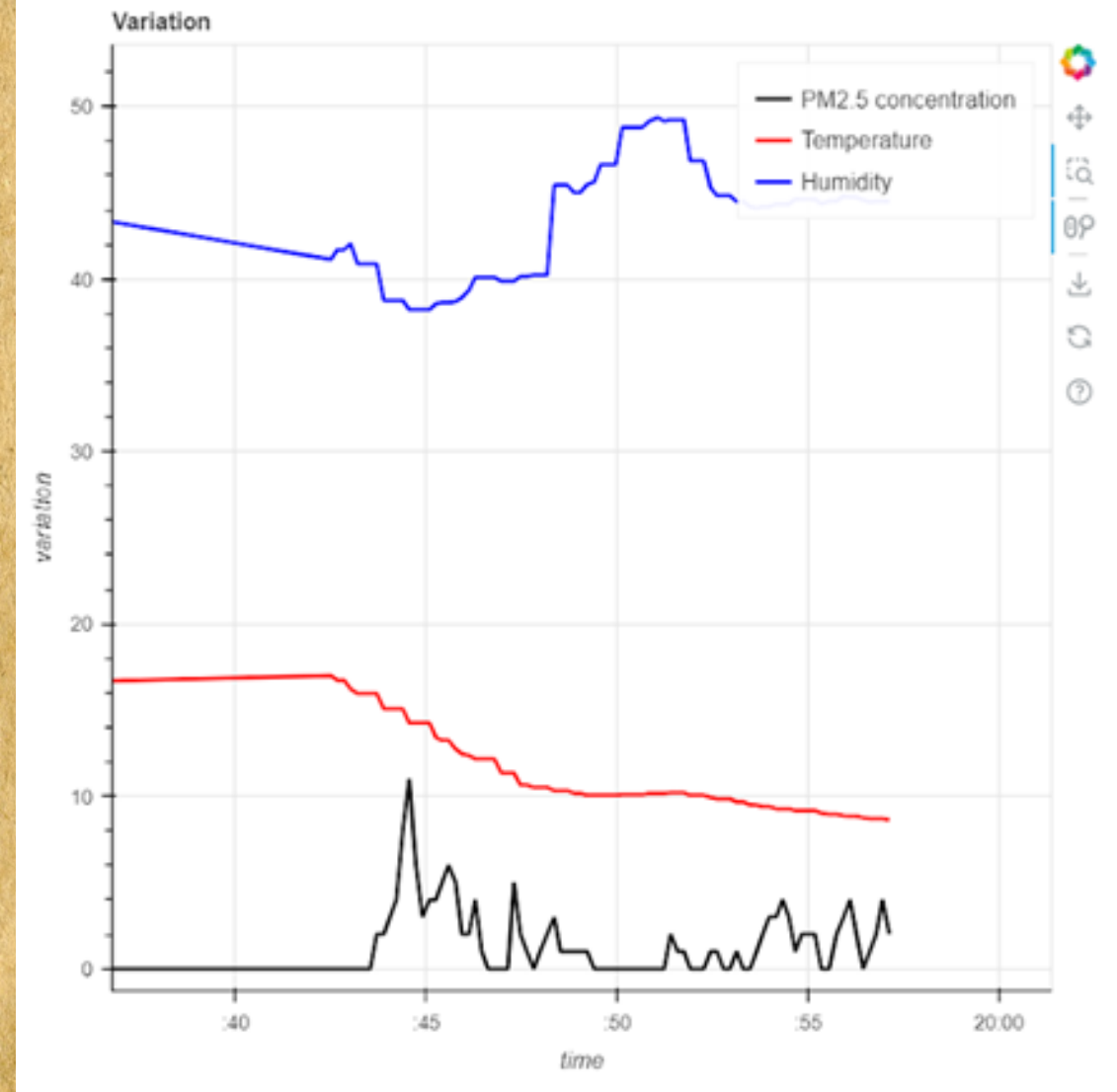2023-11-21 16:05:40
Uploaded(200) 7s ago
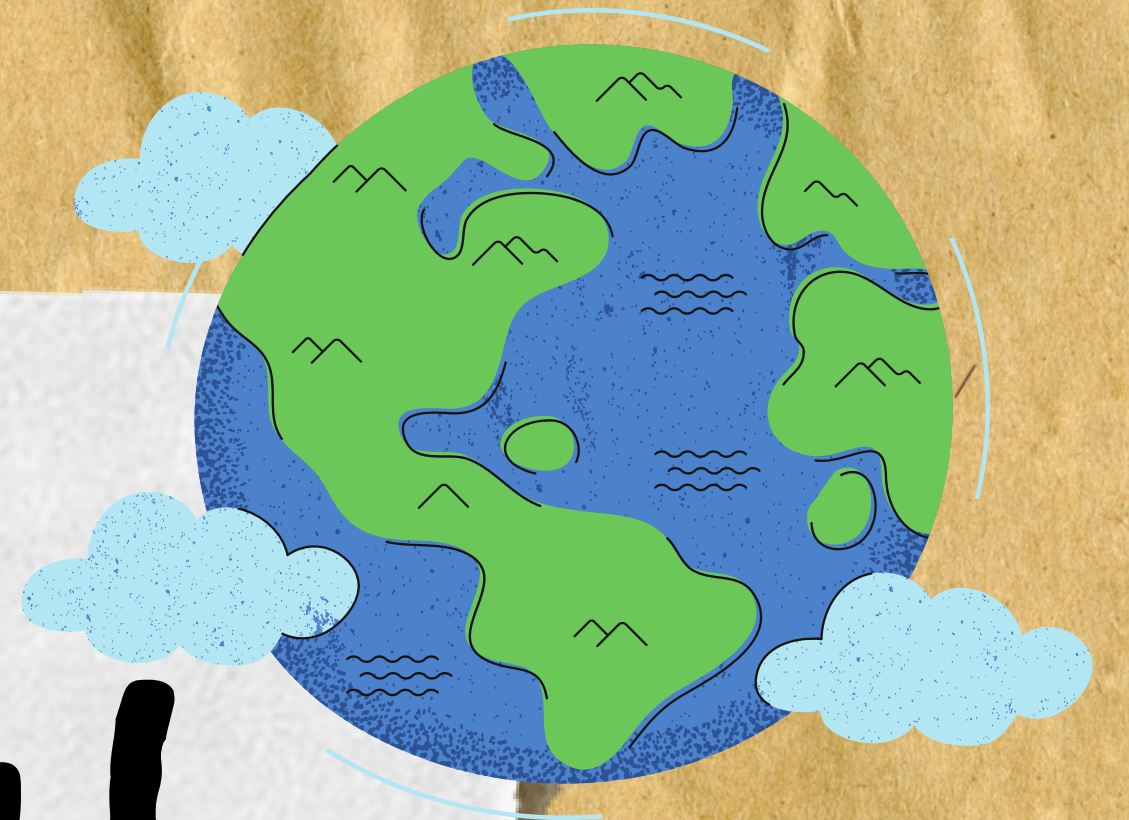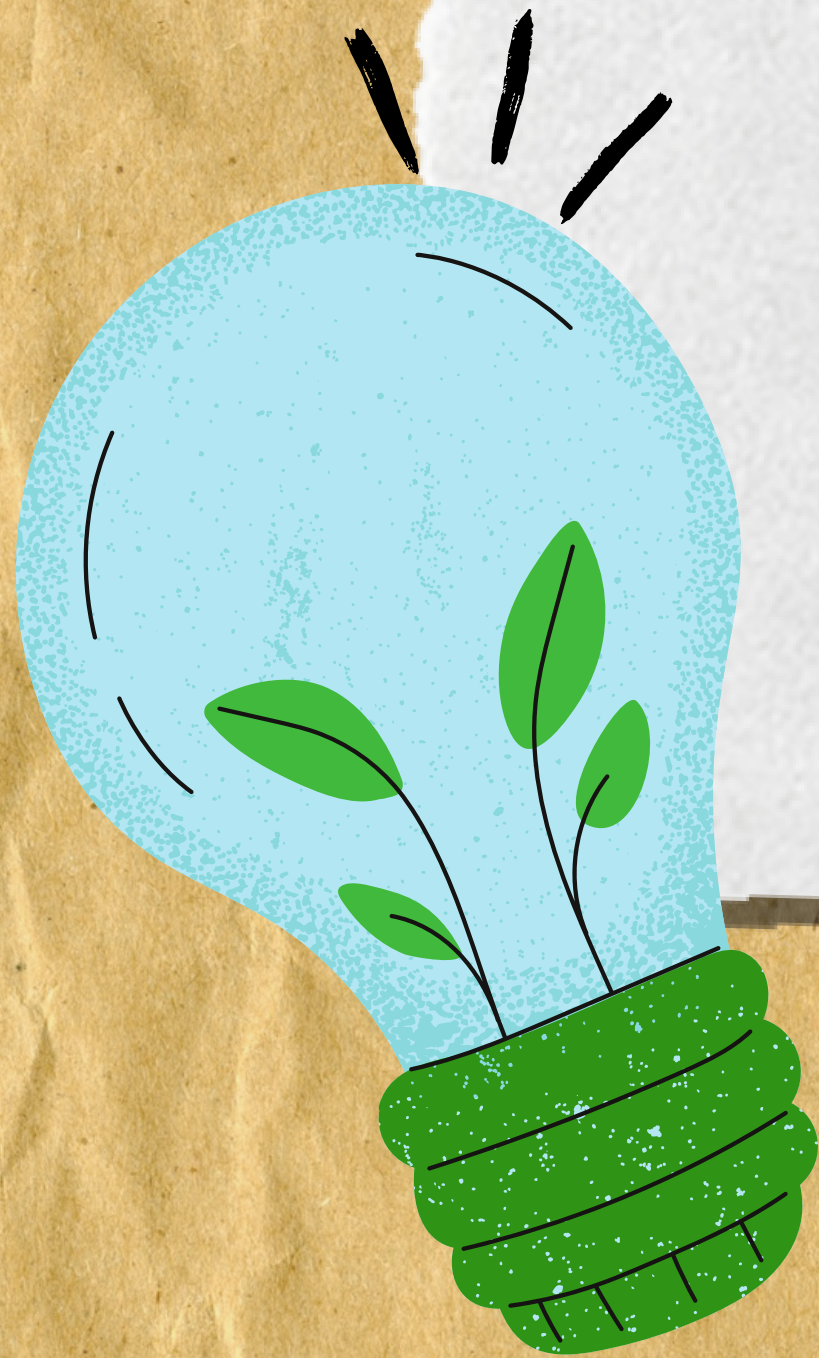
Charge the unit or your phone here!

Home screen

Heat map

Track pollutant levels through the day

Thank you!

Made as part of GNG5140