airgradient

OPEN-SOURCE INITIATIVE

# Open-Source Initiative UI/UX Discussion

7. May 2025

# Agenda For Today

1. Introduction (Achim)
2. Draft Mockups for Map Application (Ethan)
3. Discussion
4. Map App Latest features (Anastasiia)

# Clean Air Advocates Program

At the core of the **Clean Air Advocates Program** is an App that **effectively connects** stakeholders globally. On the data/supply side, individuals or organisations get **motivated** & **incentivised** for providing high quality air quality data, validation and clean air activities. On the impact/demand side, the platform will provide direct **benefits**, e.g. more targeted information, and **awareness** on air quality and carbon emissions.

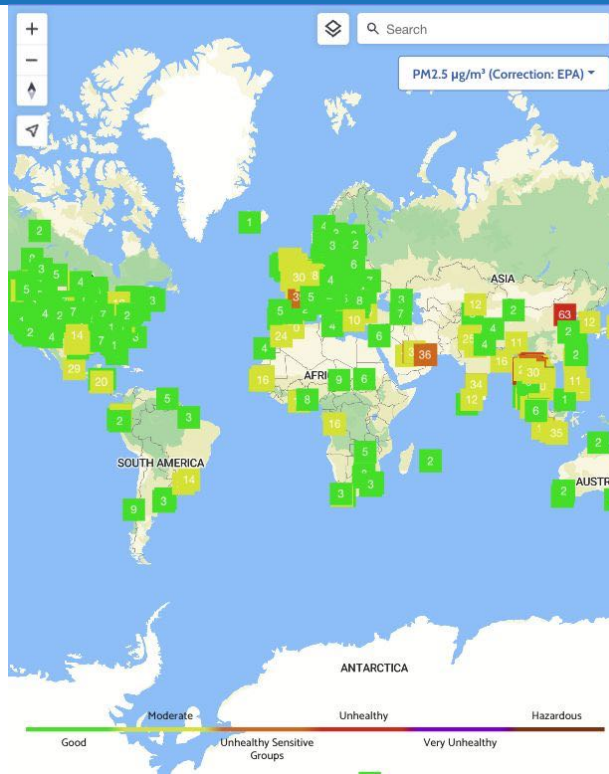
# How To Get There (Step 1)

## An Accessible Global Air Quality Map

We'll start by creating an **intuitive map** that makes it easy for anyone, anywhere, to understand the air quality around them in **real-time** and **localized**. This won't just show raw data, but will also provide **health-based information** and timely **alerts** to help people make informed decisions for their well-being.

**Key Features:**

- Open source, vendor agnostic
- Easy to use, localized, very accessible
- Inform about air quality, create awareness, and help to protect people
- Accurate, science backed & integrate forecasting and QA/QC models
- Highlight contributors and community organizations on the ground



# How To Get There (Step 2)

## A Hub for Community Engagement & Action

We plan to build features that foster **community engagement**, connecting users, motivating action, and potentially even offering **incentives for individuals and groups actively working to lower air pollution and reduce their carbon footprint**. Imagine communities setting goals, sharing successes, and collectively making a measurable difference!

**Key Features:**

- Platform to manage local community projects
- Engage local community members towards cleaner air and lower emissions
- Support local groups with donations streams
- Develop scientific approaches to quantify local impact, e.g. through AI/ML models measuring emission reductions