



Know Your Air,  
Protect Your Family,  
Increase Wellbeing

01

## INTRODUCTION

Why Dust, HEAT and CO2 matter?

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02

## BENEFITS OF AirGradient

How the system keeps you and your family healthy

03

## NEXT STEPS

How to get started!

AGENDA



01

## Introduction

Why Dust and CO2 matter?

Today, air pollution is the  
largest environmental risk factor.

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source: [https://www.who.int/phe/health\\_topics/en/](https://www.who.int/phe/health_topics/en/)

## Particles

“More than 90% of the world’s children breathe toxic air every day.”

—World Health Organisation, Oct. 2018

# Serious Health Impacts by Air Pollution for Children

**A child who is exposed to unsafe levels of pollution can face a lifetime of health impacts. Exposure in the womb or in early childhood can lead to:**



Stunted lung growth  
Reduced lung function  
Increased risk of developing asthma  
Acute lower respiratory infections



Impaired mental and motor development  
Behavioral disorders



Low birth weight  
Premature birth  
Infant mortality



Childhood cancers



Increased risk of heart disease, diabetes and stroke in adulthood

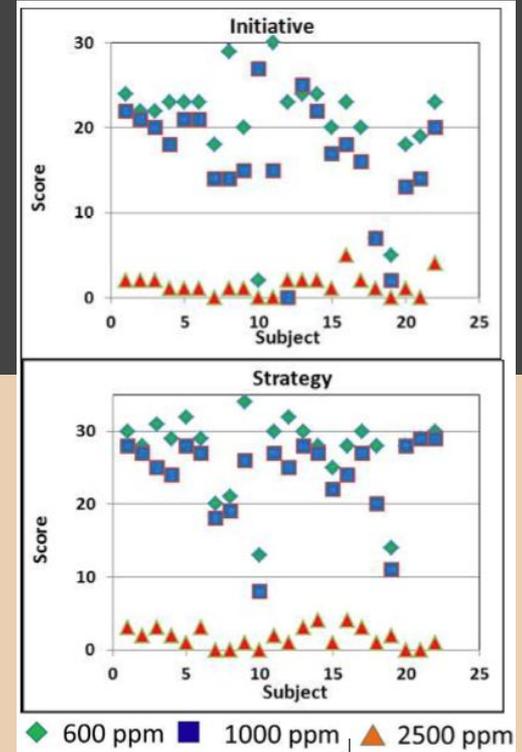
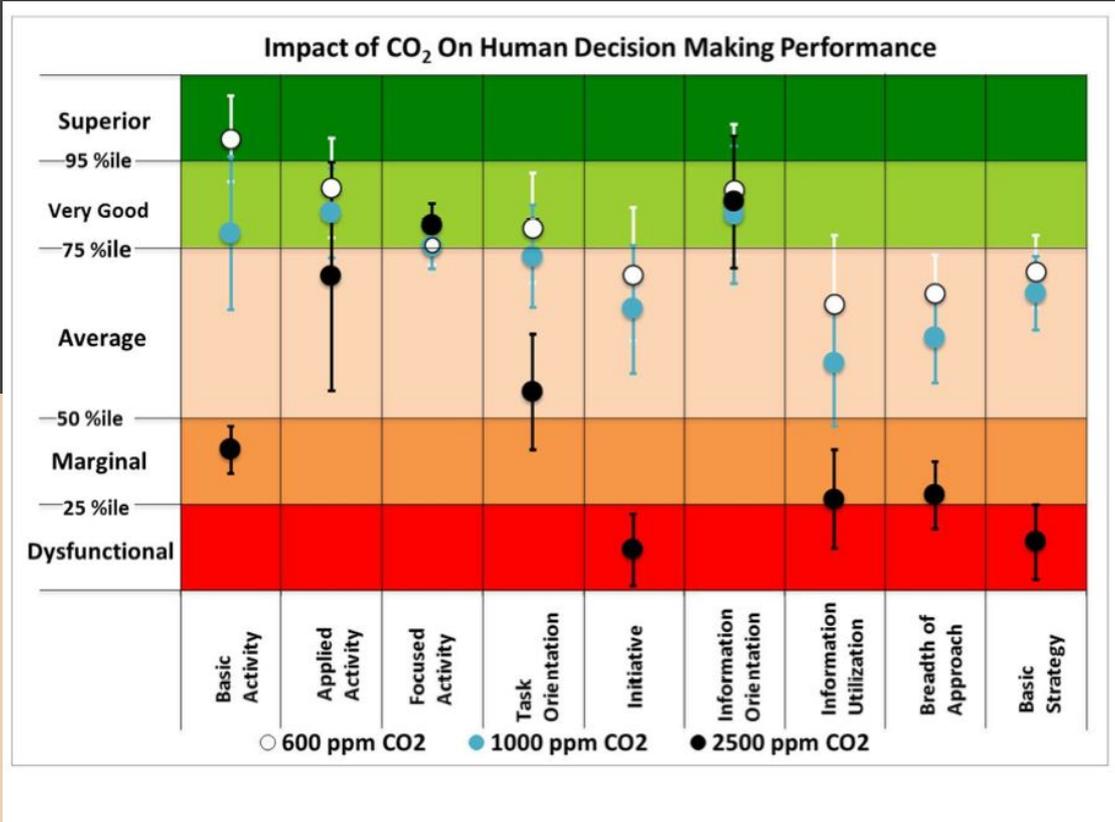


CO2

“CO2 [...] has harmful effects on the body,  
including affecting cognitive performance”

—The Guardian, July 2019

# Impact of CO2 on Decision Making





02

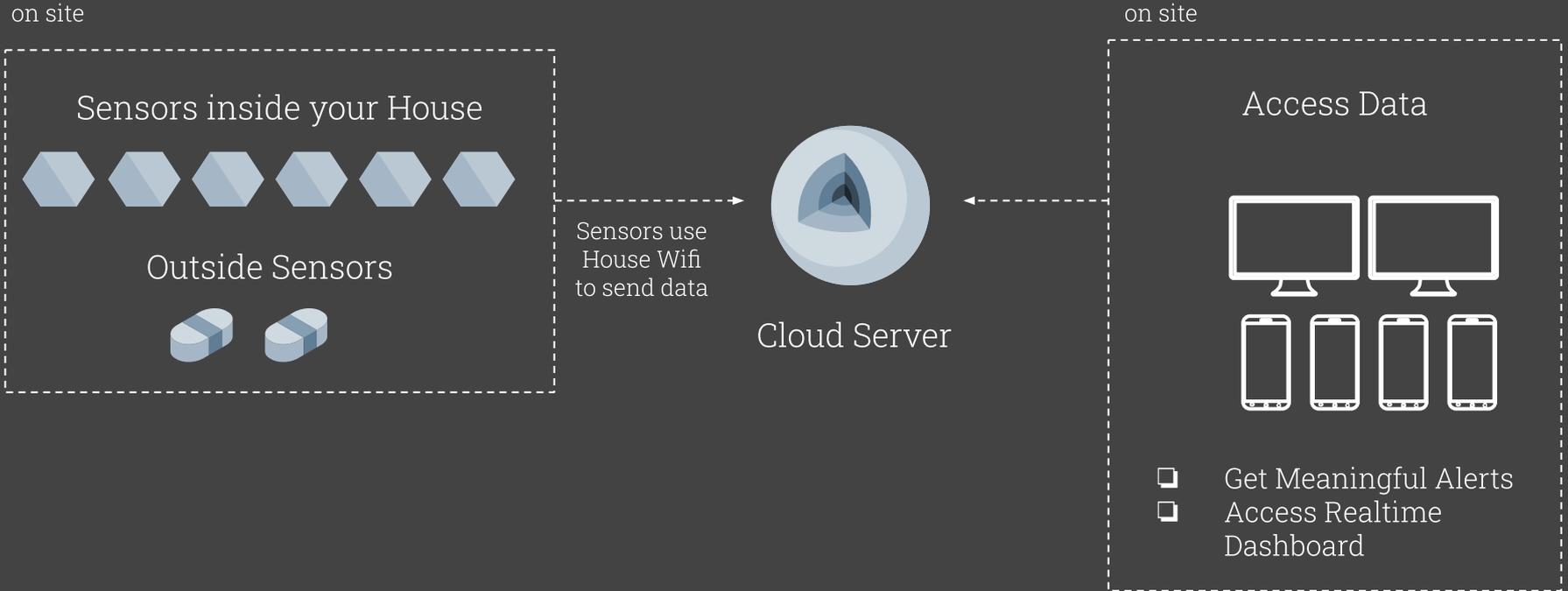
## Benefits of AirGradient

How the system keeps your and your family healthy

## AirGradient Sensor

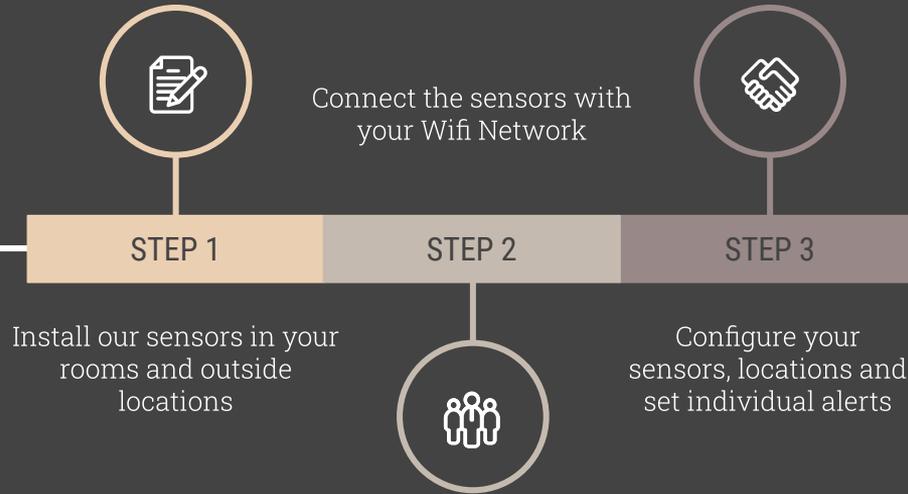


# Sensor Network



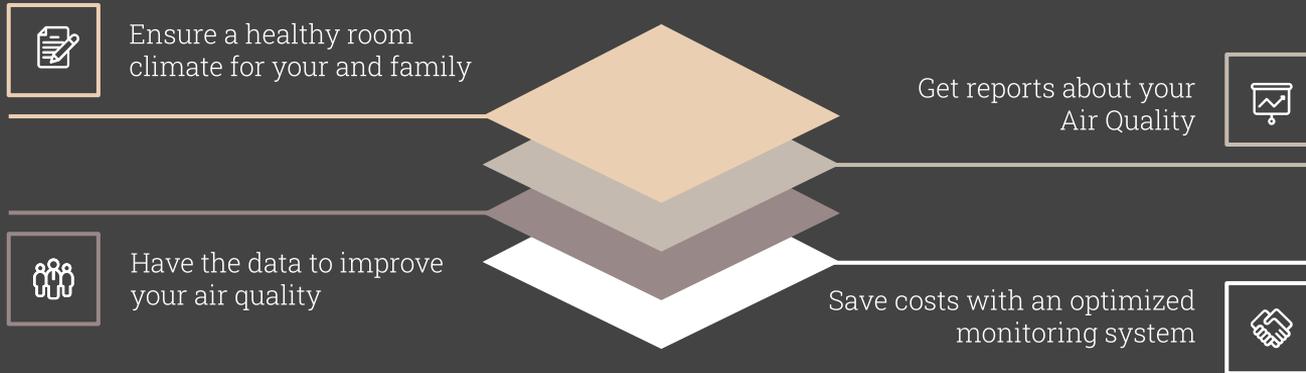
You only need to install the sensors, the central server is managed by AirGradient.

## THREE EASY STEPS TO KNOW YOUR AIR



No local installation required, service runs on our cloud server.

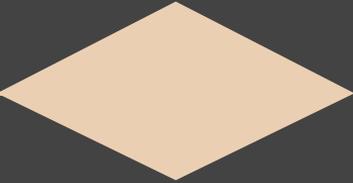
# FOUR LAYERS OF BENEFITS



# DYNAMIC MEASUREMENT



Ensure a healthy room climate for your and family



*Outdoor Exercise shall be limited and moved to indoors as much as possible.*



## MEANINGFUL INFORMATION

See all your outside locations and rooms on an easy to use dashboard. Dashboard is mobile friendly and can be customized for each user.

## COVERAGE

With the right placement of indoor and outdoor sensors, you have full transparency about each of your room.

## ALERTS

Get realtime alerts when the air becomes bad and immediate action can be taken.

## RESULTS

A healthy house climate leads to increased cognitive performance and long term health benefits.

# WE FOCUS ON THREE MEASURES YOU CAN INFLUENCE\*

\*You should also check your environment for other hazards like SO<sub>2</sub>, Formaldehyde and Ozone



## Particles

A high amount of small particles (PM<sub>2.5</sub>) pose a big health risk.



## CO<sub>2</sub>

High Carbon Dioxide values have a significant negative impact on students' cognitive performance



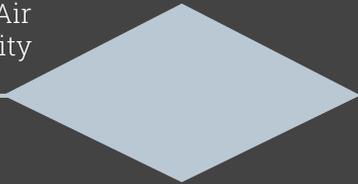
## Temperature and Humidity

Getting the right temperature and humidity inside the classrooms will ensure the students feel comfortable.

## MEANINGFUL REPORTS DESIGNED FOR ACTION



Get reports about your Air  
Quality



### **DAILY, WEEKLY, MONTHLY**

Get periodic reports about the inside and outside air quality of your home. Identify rooms with ongoing issues.

### **BENCHMARKS & COMPARISONS**

See the best and worst performing rooms. See the performance of your air purification system. Continuously improve your home and decrease your and your families exposure

### **EXPOSURE**

Get an estimate of your exposure to bad air and comparisons to worldwide standards

## TRANSPARENCY & TRUST



Have the data to improve your air quality



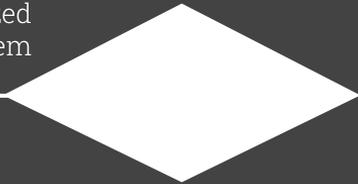
### RESULTS

Meaningful reports makes it easy for you to identify weak areas in the air quality system and implement targeted improvements

## COSTS & BENEFITS



Save costs with an optimized monitoring system



### RESULTS

By having a customised and automated air monitoring system in place you can improve the quality of your monitoring and save costs at the same time.

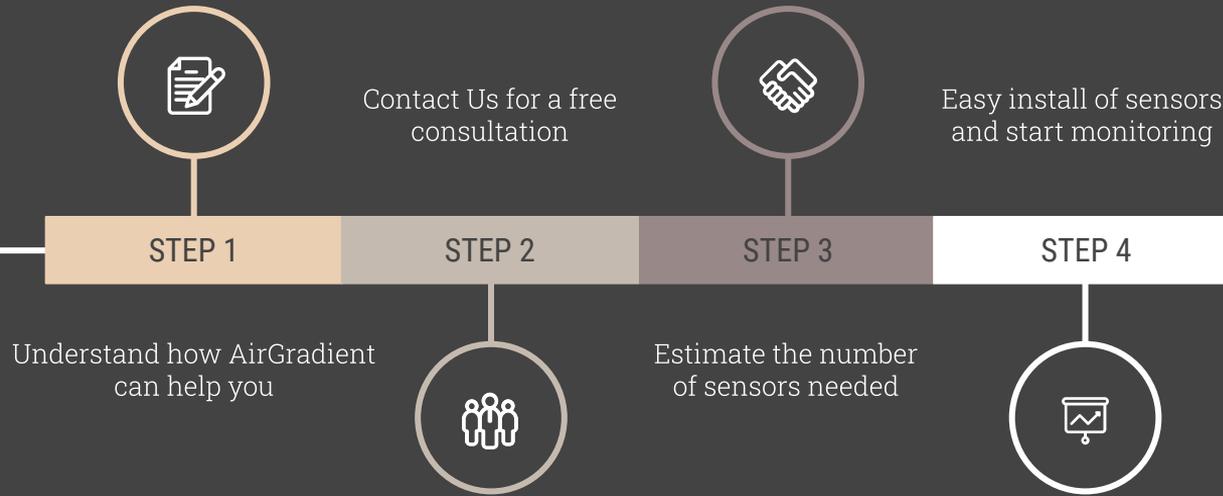


03

## Next Steps

How to get started!

## A TYPICAL IMPLEMENTATION TIMELINE





Contact us for more details:

[support@airgradient.com](mailto:support@airgradient.com)  
[airgradient.com](http://airgradient.com)

**THANKS!**