



Know Your Air,
Protect Your Family,
Increase Wellbeing

01

INTRODUCTION

Why Dust, HEAT and CO2 matter?

02

BENEFITS OF AirGradient

How the system keeps your and your family healthy

03

NEXT STEPS

How to get started!

AGENDA

A photograph of a modern classroom or lecture hall. The room features rows of white desks and grey mesh chairs. Large windows with horizontal blinds are on the right side, letting in bright light. The walls are white, and the floor is light-colored. A semi-transparent dark grey overlay covers the bottom half of the image, containing the title and subtitle.

01

Introduction

Why Dust and CO2 matter?

Today, air pollution is the
largest environmental risk factor.

source: 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

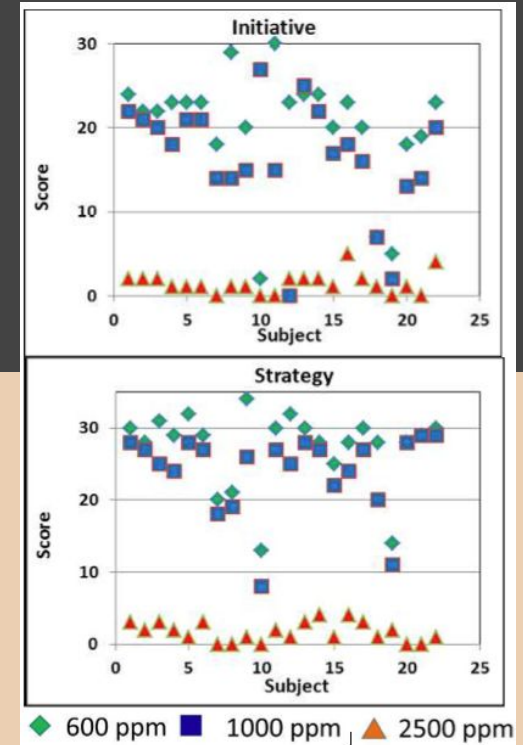
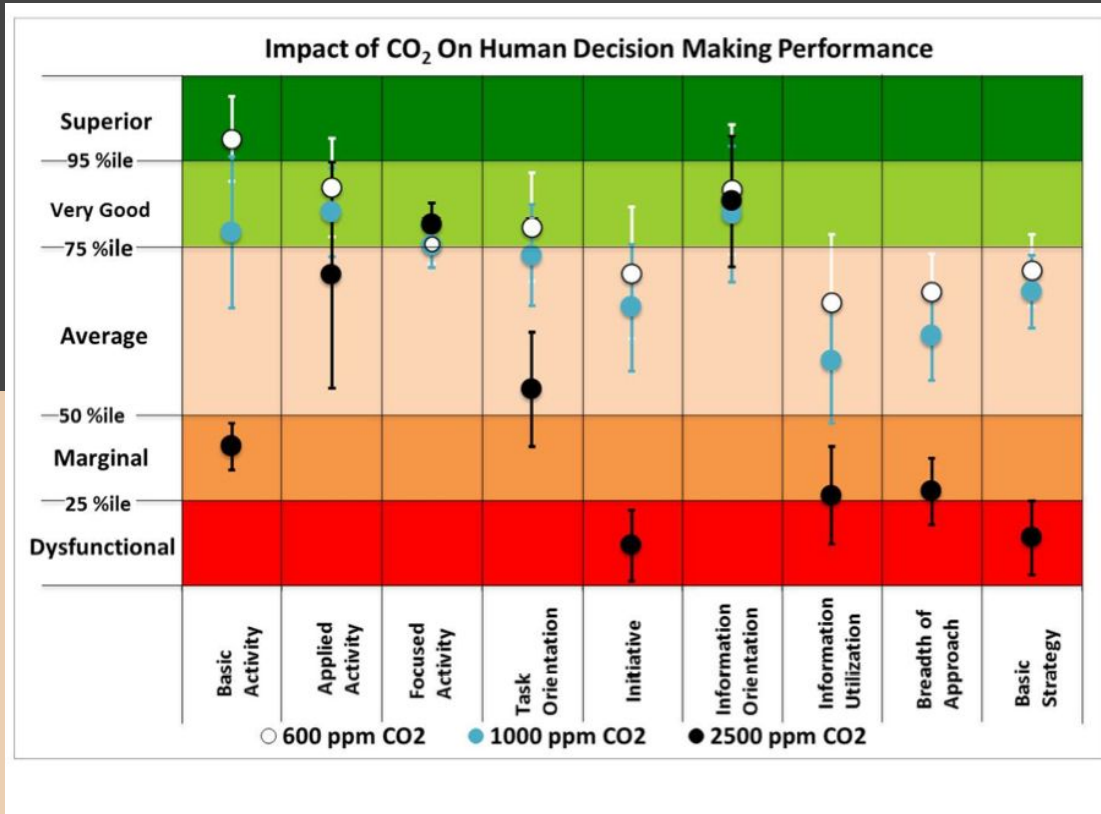


CO2

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

—The Guardian, July 2019

Impact of CO₂ on Decision Making





02

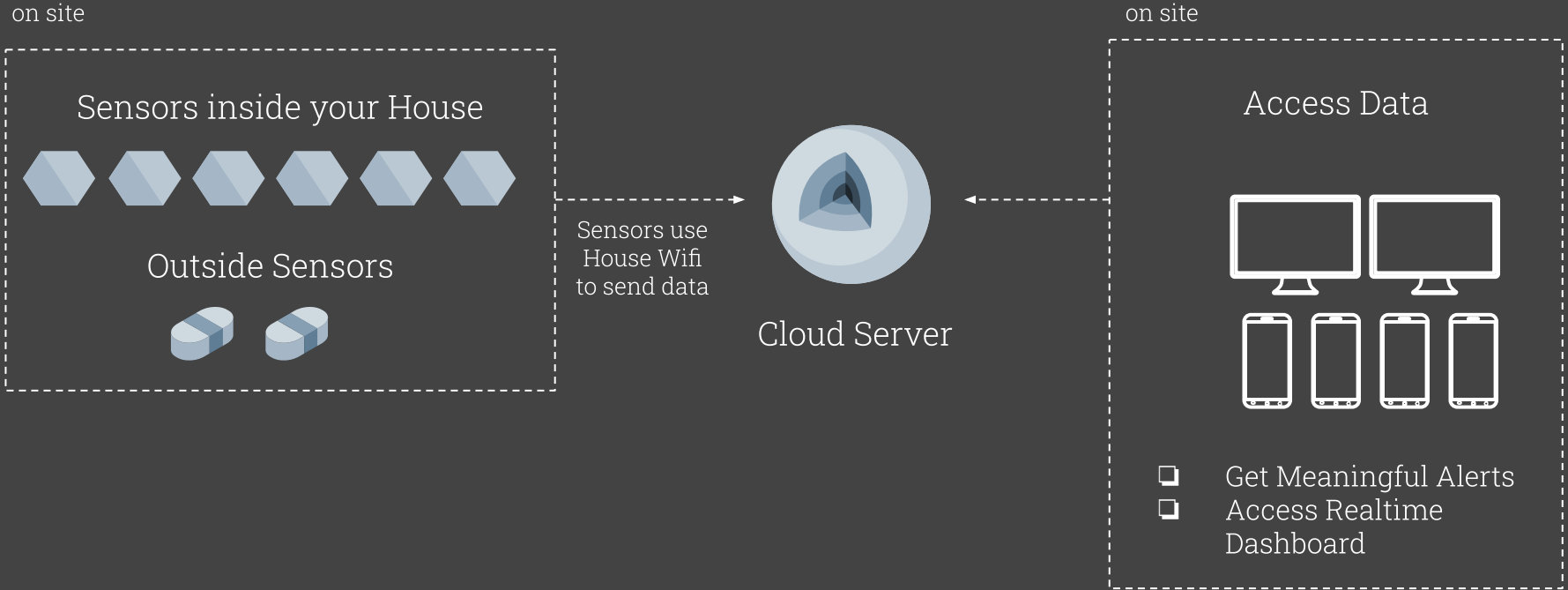
Benefits of AirGradient

How the system keeps your and your family healthy

AirGradient Sensor

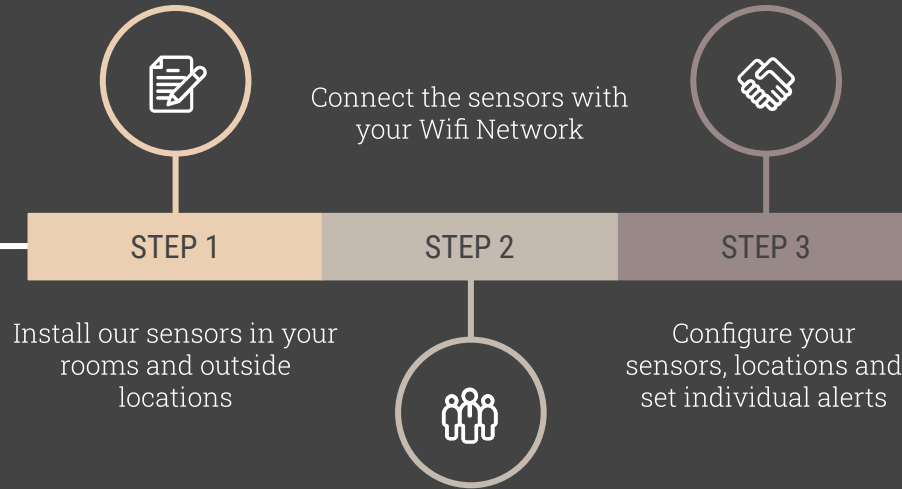


Sensor Network



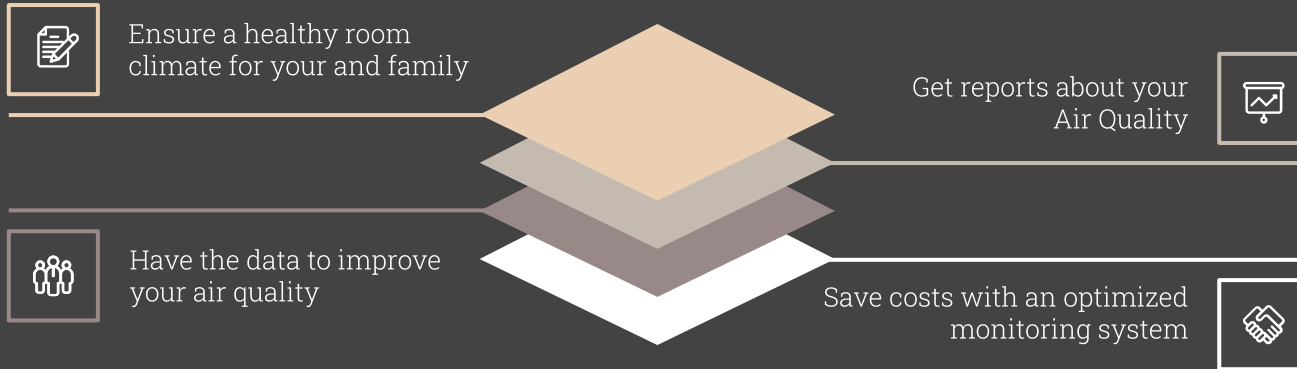
You only need to install the sensors, the central server is managed by AirGradient.

THREE **EASY** STEPS TO KNOW YOUR AIR



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

FOUR LAYERS OF BENEFITS



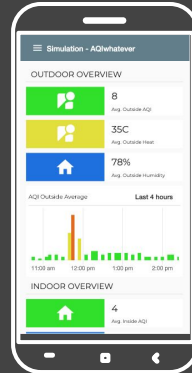
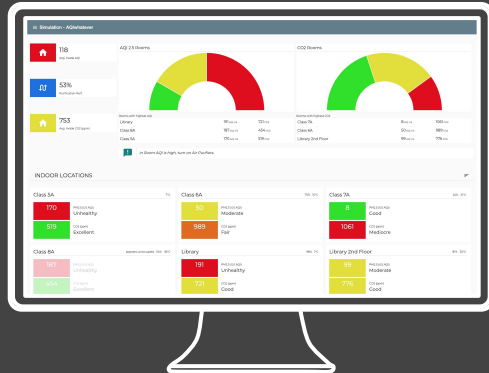
DYNAMIC MEASUREMENT



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 SO₂, Formaldehyde and Ozone



Particles

A high amount of small particles (PM_{2.5}) pose a big health risk.



CO₂

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

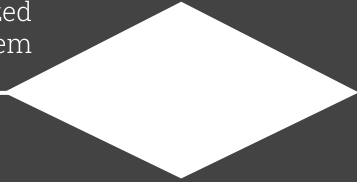
RESULTS

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.

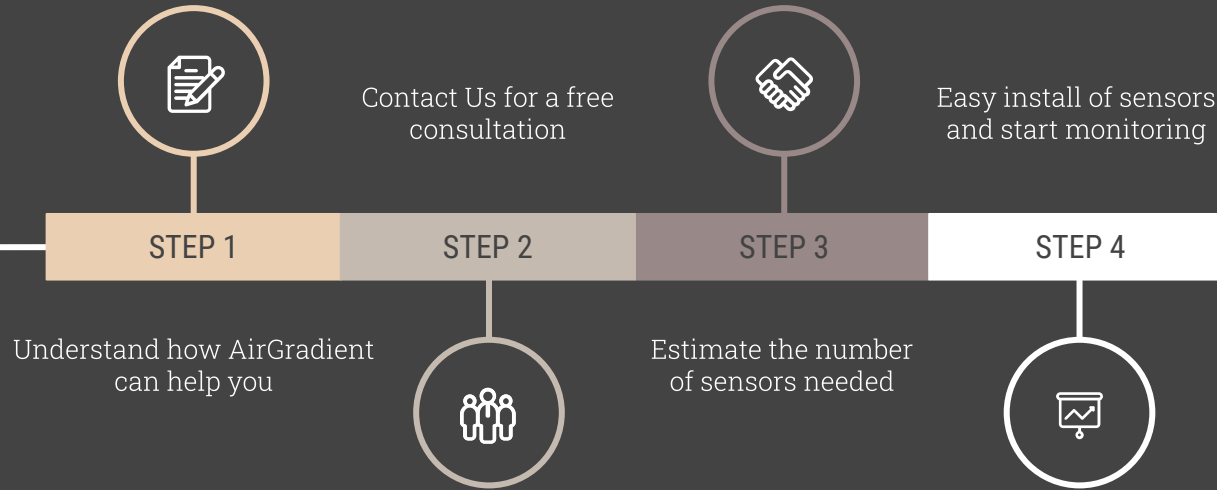
A young girl with dark hair in pigtails, wearing a white school uniform, is sitting at a desk and raising her right hand. She is smiling and looking towards the camera. In the background, other students are visible, including a girl with brown hair and a boy with blonde hair, both also in school uniforms. They are sitting at desks in a classroom setting with a whiteboard in the background.

03

Next Steps

How to get started!

A TYPICAL IMPLEMENTATION TIMELINE



A black and white photograph of four men sitting on a modern, light-colored sofa. From left to right: the first man is wearing a dark t-shirt and holding a white smartphone; the second man has a beard, wears a denim shirt over a dark t-shirt, and holds a dark smartphone; the third man wears a white and black long-sleeved shirt and holds a dark smartphone; the fourth man wears a dark t-shirt and holds a white smartphone. They are all looking down at their phones. The background is a plain, light-colored wall. A semi-transparent dark grey rectangular overlay covers the lower half of the image, containing white and gold text.

Contact us for more details:

support@airgradient.com
airgradient.com

THANKS!