



# Houston Area Community Air Monitoring Program (CAMP)

Regional Air Quality Planning Advisory Committee  
April 28, 2022

Everyone has a right to breathe clean air.

# Introduction

**Our Vision:** Healthy communities with clean air every day, for everyone.

**Our Mission:** To reduce the public health impacts from air pollution through applied research, education, and advocacy.

**Our Core Belief:** Everyone has a right to breathe clean air and where you live, work, learn, and play should not determine your health.

## **Our Commitments:**

- Equitable governance and decision-making
- Ethical story telling
- Racial equity and environmental justice



# Our Theory of Change



## Research

Inform the narrative through participatory research, modelling, policy analysis, and planning



## Education

Build community knowledge and power through the diffusion of information



## Advocacy

Create pathways for impacted residents to engage in decision-making

# Our Campaigns

## Healthy Communities

- Decrease air pollution from industry sources
- Prevent new facilities from being placed near people
- Empower communities to elevate concerns about environmental exposures

## Sustainable and Equitable Transportation

- Improve access to non-vehicle travel options and to public transit
- Increase investments in public fleet electrification
- Decrease Port pollution

## Protecting Against Chemical Disasters

- Increase real-time awareness of disasters
- Improve preparedness to minimize chemical safety risks for workers and residents

## Monitoring Our Air

- Equip communities overburdened with air pollution with information about local-level air quality
- Fill gaps in and advocate for better regulatory monitoring

## Mobilizing Action

- Increase the influence of residents that suffer an unfair burden from air pollution on decision-making at all levels

# Community Air Monitoring Program (CAMP)

**2019**

First Pasadena CAP meeting held

**July 2021**

Community mapping sessions completed

**April 2022**

Networks are complete in focus communities

**2014**

Monitoring pilot conducted in Galena Park

**March 2021**

CAMP communities selected

**October 2021**

First cohort of AQA graduated

**Summer 2022**

Dashboard  
PSAs  
Action Planning

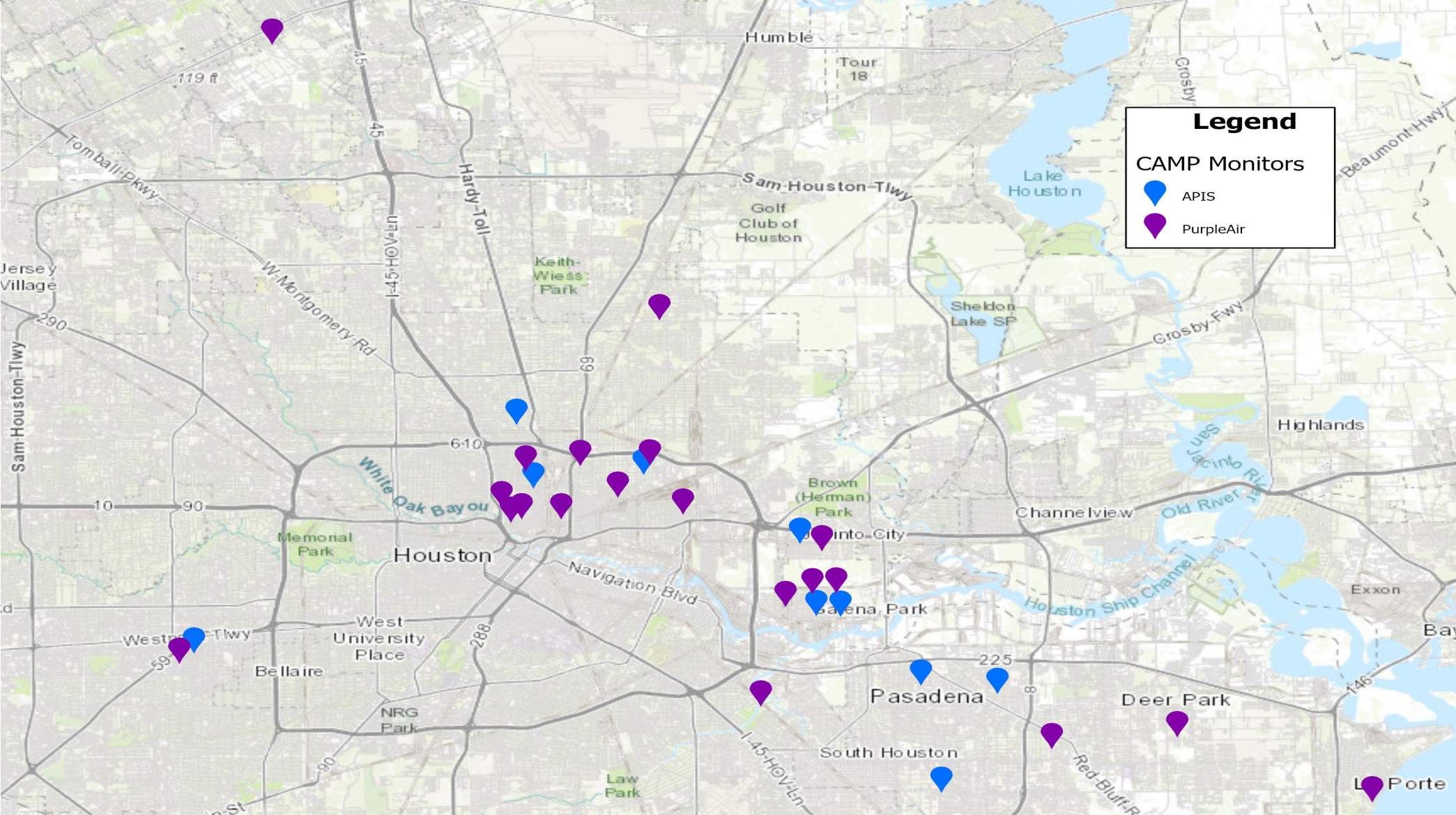
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## Components

- Stationary monitor networks in five focus communities: Galena Park/Jacinto City, Gulfton, Kashmere Gardens, Pasadena, Near Northside.
- Combination of locations: residential homes, community centers, municipal buildings, etc.
- Monitor hosts trained and serve as Air Quality Ambassadors who give air quality presentations.
- Mobile monitoring events (“Sampling the City”)
- Supplemental monitors placed throughout the region based on community need/concern
- Direct and indirect support to other community networks (Fort Bend Houston, Port Arthur)



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## Looking Ahead

- Our real-time dashboard of the *regional* network and each *local* network will launch this summer.
- A series of PSA/videos will be produced to educate residents about how to use the dashboard and the data.
- With trend data (~ 3 months), we will begin action planning in each focus community.
- As other communities hear about CAMP, we receive inquiries for joining the program. Prioritization and funding will be needed.
- We are also piloting new air technologies to ensure the best return on investment.

