SPUR: Ideas and Action for a Better Community

BAY AREA AIR QUALITY PANEL

July 7, 2020
Aclima pioneered a new way to measure air pollution.
Hyperlocal air quality
Bay Area-wide

Carbon Dioxide (CO₂)
Carbon Monoxide (CO)
Ozone (O₃)
Nitrogen Dioxide (NO₂)
Nitric Oxide (NO)
Particulate Matter (PM₂.₅)
Black Carbon
Methane (CH₄) / Ethane (C₂H₆)
Temperature, +More
Aclima's participatory development process engages community members directly in technology design. Investing in trust and long-term relationships unlocks rich feedback loops.
Changing air during shelter-in-place
Bay Area Pollution during COVID-19

Air pollution levels dropped compared to previous years - particularly that associated with traffic sources.
CO2 Dropped in West Oakland Farther and Faster in March than the Broader Region
Emissions reductions, public health, and EJ
The West Oakland Community Action Plan: Owning Our Air

A 100+-point plan to reduce emissions and their impacts on people in West Oakland, which is informed by the hyperlocal air quality data we provide.
Insights.aclima.io

Public interactive online air quality reports

Enter an address and get hyperlocal information about air pollution on your block

Currently available for AB617 communities:
- Richmond-San Pablo
- West Oakland
- San Diego