Comite Civico del Valle, Inc.

Informed people create healthy communities
Our mission:

“To improve access to healthcare, information and prevention programs to low-income, underrepresented and underserved community members in Imperial County by way of education, capacity building and civic participation.”
### CCV’s Programs & Projects

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Comite Civico del Valle, Inc.  Air Monitoring Project
Project Overview

- 4 year project based in Imperial California
- Establish a community-based air monitoring network of 40 low-cost particulate matter monitors
- Use data to develop and implement community action strategies
- Main project partners:
  - California Environmental Health Tracking Program (CEHTP)
  - Comite Civico del Valle (CCV)
  - University of Washington
Sensor Technology

- Low cost portable air monitors provide new opportunities for community monitoring
- Modified Dylos particle counter measures PM2.5 and PM10
- Wireless connectivity for real-time reporting
- Custom shelters to protect from extreme weather
- Produce data that is useful for personal and community actions
- Produce scientifically accurate data
- Assess ability of monitors/network to provide data that better identifies local air pollution trends and hotspots
Air Monitoring Project

- A Community Steering Committee, representing diverse stakeholders with experience in environmental health advocacy, guided the project and prioritized in impacted neighborhoods.

- An innovative crowd-sourcing mapping tool was designed by and for local residents to allow data captured with smartphone or other mobile device.

- 45 community residents participated in an hazard mapping activity collecting locations, photographs and more details.

Participating Organizations:
**Milestone**

**APRIL 2015**
COMMUNITY HAZARD & ASSET MAPPING COMPLETED

**MAY 2015**
First monitor installation in the city of Brawley, CA

**June 2015**
Co-locate monitor with CARB

**December 2015**
19 Monitors successfully installed in 12 Schools, 2 residences and 5 agencies

**January 2016**
All monitors sending data to servers
Next steps...

● Complete the installation of 20 additional monitors
● Complete the IVAN Air monitoring Mobile View and Website public interface
● CSC develop community actions

WWW.IVANONLINE.ORG
Comite Civico del Valle, Inc.

Respira Sano Project
Asthma Statistics

In Imperial County, 23,000 children & adults have been diagnosed with asthma.

Source: California Breathing
Respira Sano - Overview of Study

● Goal to reduce the burden of uncontrolled asthma in the lives of Latino Children and their families in the Imperial County

● 400 children between 6-17 years of age, with asthma, and families are being recruited
Respira Sano - How it works

Home Intervention

Community Health Workers
The project will help families to assess the level of asthma control, identify asthma triggers in home, assess sources of contamination in the surrounding neighborhood, identify strategies to prevent exacerbations and increase family engagement in community advocacy efforts focused in improving the quality of life.

Community Campaign

Communications Campaign
Through traditional media, digital media, community events and community presentations, Respira Sano aims to bring resources and information about childhood asthma to families and public in general.

School Flag Program

School Flag Program
Participating schools raise a colored flag each day that corresponds to their local air quality forecast according to the Air Quality Index, which tells how clean or polluted the air is for that day. When members of the school and the surrounding community know what the daily air quality is, they can adjust their activities to reduce their exposure to air pollution.
● Parent & Youth Advisory Group

● Community Stakeholder Advisory Group
2014 Daily Air Quality Trends

- 80 good
- 255 moderate
- 24 unhealthy
- 4 unhealthy for everyone

Air Quality Flag Program

- 10 participating schools
- 4 brightly colored flags
Established in 2010, IVAN is an Environmental Monitoring System that connects the community with real people that can help solve local environmental problems. Whether you are at home, work or at play, IVAN is available to you and different communities to document concerns.

Report Environmental Injustices

It is fast & easy

www.ivanonline.org
Comite Civico del Valle, Inc.  Community Advocacy
Initiatives and Policy
- Making A Visible Difference in Communities
- Environmental Health Leadership Summit
- AB 1059 Enviroscreen
- AB 1071 SEPS

Lessons Learned
- Leveraging Government Resources
- Community Participatory Research
- Technology
- Long Term Projects
- Persistence
- Conviction
Thank You!

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