

# **Community Meeting**

Shafter
Community Emissions Reduction Program

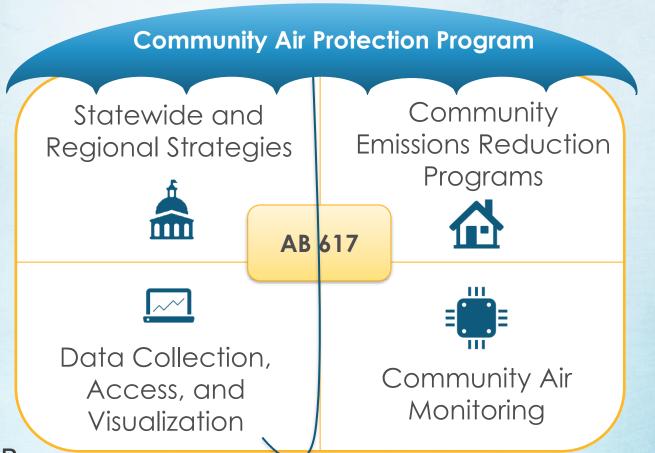
November 4, 2019

# Plan for Tonight's Co-Hosted Meeting

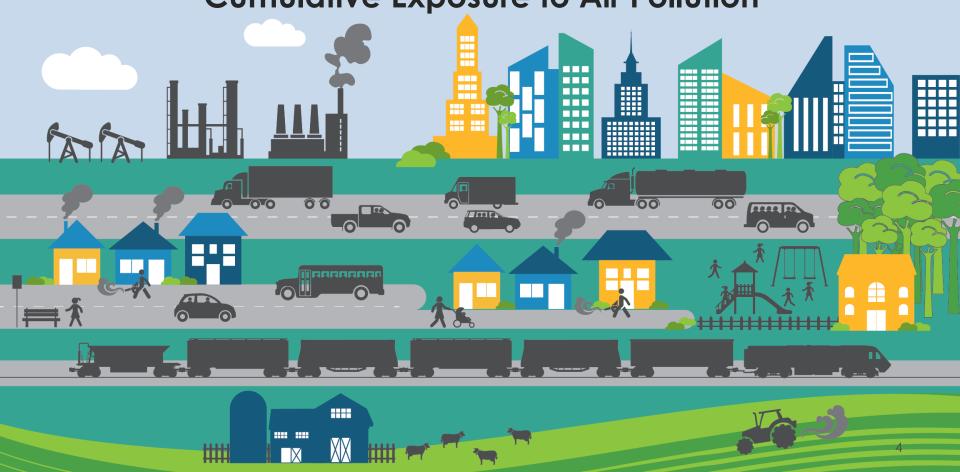
- Brief presentation
- Q&A and discussion
- Transition to community steering committee meeting



#### What is the Statewide Community Air Protection Program?

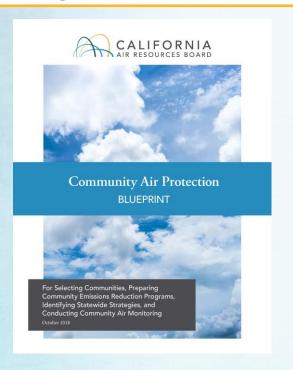


# Community Focus: Cumulative Exposure to Air Pollution



# 2018: CARB Milestones

#### **Program Requirements**



#### **Initial 10 Communities**



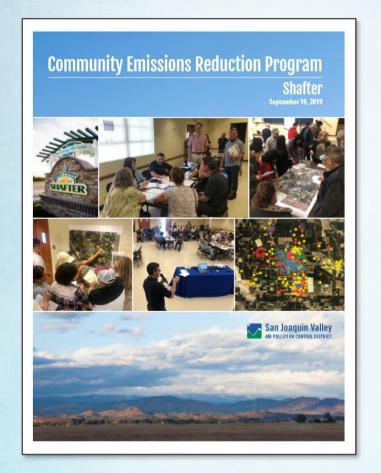


# Why Are We Here?

#### **Community Engagement**







Adopted by SJVAPCD Governing Board

September 19, 2019



### **Community Emissions Reduction Program**

- District, working with the Community Steering Committee and the public, developed Community Emissions Reduction Program (CERP), including measures to:
  - Reduce emissions from heavy duty mobile sources, automobiles, agricultural sources, industrial sources, and residential sources
  - Reduce exposure through indoor air filtration, vegetative barriers, antiidling messaging, outreach and education about air pollution sources and impacts, etc.
  - -Work with other agencies to address concerns not within District's jurisdiction (solar deployment, pesticides, urban greening, bike lanes, road paving, etc.)
  - -CERP expected to reduce PM2.5 by 265 tons, NOx by 1,718 tons, and associated toxic emissions over project lifetimes



#### **Community Emissions Reduction Program**



#### Shafter

de septiembre de 201









|                                |   |   |                     |  |   | 2024  |  | 2029              |                  | <u> </u> |   |      |      |      |      |
|--------------------------------|---|---|---------------------|--|---|---|--|-------------------|------------------|----------|---|------|------|------|------|
| Measure<br>#                   | Measure Description   |   | # of<br>Units       | Unit<br>Life   | Funding<br>Amount   | Timeframe   | PM2.5                                      | NOx               | PM2.5            | NO       | x |      |      |      |      |
| Heavy Duty Mobile Sources      |   |   |                     |  |   |   |  |                   |                  |          |   |      |      |      |      |
| HD.1                           | Provide Enhanced Ince<br>Funding for Heavy Duty<br>Replacement with Zero an<br>Zero Emission Techno | Truck<br>d Near-  | 40                  | 5  | \$4,000,000   | 2019-2024   | 0.07                                       | 26.2              | .2 Reduct        |          |   |      |      |      |      |
| Deployment of Zero Emis        |   |   | 1                   |  |   |   |  |                   | 202              |          |   |      |      |      |      |
| HD.2                           | Yard Trucks and Tru Refrigeration Units (TF Incentive Program for Re                                |   | Measure Description |  |   | Type of Metric  |  |                   | Total # of 60 00 |          |   | 2021 | 2022 | 2023 | 2024 |
| HD.4                           | Older Diesel School Busi<br>Zero or Near-Zero Emi:<br>Technology                                    | RB.2  |                     | Educate Public About<br>Harmful Impacts of Wood<br>Burning                 |   | Public workshops, plus<br>circulation of educational<br>materials to 6 community spaces                       |  |                   | 4                |          | 1 | 1    | 1    | 1    |      |
| HD.5                           | Incentive Program for Tra<br>Replacement (for Dial-a  | RB.3  |                     |  | forcement of<br>Curtailments  | Hours enforcement per<br>curtailment day  |  |                   | 4                | 4        | 4 | 4    | 4    | 4    |      |
| HD.7                           | Incentives for Replacing<br>Diesel Railcar Movers<br>Switchers with New Clean                       | RB.4  | Outro               | each to R<br>Acti  | leduce Illegal<br>vity  | Public workshops, plus outdoor<br>ands and 2 poster mailers   |  |                   | 4                |          | 1 | 1    | 1    | 1    |      |
| Technology  Older/High Polluti |   | RB.5  | Red                 | uce Illega   | forcement to<br>al Burning of<br>al Waste                           | Targeted enforcement efforts (at least 1 per quarter for 5 years)   |  |                   | 20               |          | 4 | 4    | 4    | 4    | 4    |
| C.1                            | Host Tune-In Tune-Up E<br>within Community<br>Incentive Program for                                 | SD.1 Seek incentives for local businesses and homeowners to install solar power and |                     |  | Work with existing state<br>programs to bring funding to<br>Shafter |   |  | 615,000,000       |                  |          |   |      |      |      |      |
| C.2                            | Replacement of Passe<br>Vehicles with Battery Ele<br>Plug-in Hybrid Vehicl                          | LU.1  |                     |  | tion: Provide   | Meetings with City and County to discuss ongoing CEQA coordination  |  |                   |                  | х        |   |      |      |      |      |
| Agricultura                    |   |   |                     |  | Meetings with City of Shafter to                                    |   | er to                                      |                   |                  |          |   |      |      |      |      |
| A.2                            | Provide Incentives for Lo<br>Nut Harvesters   | LU.2  | Dev                 | Land Use/Sustainable<br>Development: Implement<br>Projects that Reduce VMT |   | discuss District support of<br>projects that reduce VMTs, plus<br>ongoing support as needed.                  |  |                   |                  | x        |   |      |      |      |      |
| A.5                            | Provide Incentives to Re<br>Diesel and Natural G<br>Agricultural Pump Engine                        | LU.4  |                     |  | missions: High<br>Construction                                      | Meetings with CARB and HSRA<br>to communicate community<br>concerns   |  |                   |                  | x        |   |      |      |      |      |
|                                | Electric Motors Provide Incentives to Re  | LU.5  | Fu                  | nding for  | Bike Lanes  | \$1,000,000 to support bicycle<br>lane infrastructure in Shafter  |  |                   | \$1,000,000      |          |   |      |      |      |      |
| A.6                            | Diesel Ag Equipment (tra<br>with Cleanest Availal<br>Equipment                                      | RD.1  |                     |  | : Evaluate<br>uency of street<br>ping                               | Meetings with City of Shafter<br>and Kern County to discuss<br>opportunities for increased street<br>sweeping |  |                   |                  | x        |   |      |      |      |      |
| RB.1                           | Residential \ Provide Enhanced Incent Replace Wood Burning C  | RD.2  |                     |  | ad paving and<br>stallations  | \$2,775,000 to su<br>installations an<br>effo   | d road pavi                                |                   | \$2,775,000      |          |   |      |      |      |      |
|                                |   | SC.2  | НА                  | L School<br>Partici  | s: Increase<br>pation   | School Districts  | enrolled in I                              | HAL               | 2                | x        |   |      |      |      |      |
|                                |   | VB.1  | Inst<br>Ba<br>S     | allation o<br>arriers Ar<br>ources O                                       | entives for<br>f Vegetative<br>ound/Near<br>f Concern               | Community Stee<br>meetings to disc<br>barrier installa<br>around Shafter, I<br>of Shafter and                 | cuss vegeta<br>ations in an<br>hosted with | tive<br>d<br>City |                  |          | x | x    | х    |      |      |
|                                |   | IAQ.1   | weath               | ir pollutio  | r exposure to<br>n through<br>and enhanced<br>fficiency             | Educational mee<br>CAI  |  | with              | 1                |          | x |      |      |      |      |

# **Next Steps**

**Early January** 

February 13

CARB Staff Report release

Public Comment Period

CARB Board
meeting
in Shafter,
which will
include
both Shafter
and Fresno
CERPs



## **Discussion Questions**

- 1. What are the key strengths of the CERP?
- 2. What do you want CARB's Governing Board to know about the CERP?
- 3. What things have you learned through this process that you would like us to share with other communities or CARB's Governing Board?



### Contact Us

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# CARB Community Air Protection Program Website

https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program

