

Introduction to Components of a Community Emissions Reduction Program (CERP)

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California Community Air Protection Program

- AB 617 Legislation established community-focused framework
- CARB's Community Air Protection Program implements AB 617
 - Community Grant Funding
 - Expanded Air Monitoring
 - Improved Data Accessibility
 - Partnerships with Communities
 - Statewide strategies to reduce emissions
 - Community Emission Reduction Programs (CERPs)
- Community Emission Reduction Programs:
 - Advised by Community Steering Committee process
 - Lays out plan to reduce pollution in each selected community

Community Emissions Reduction Programs

- Guidance on CERPs included in CARB's Community Air Protection Blueprint: Appendix C
- Elements of a CERP include:
 - Understanding the Community
 - Community partnerships and public engagement
 - What are the Air Pollution Challenges facing the community?
 - What are solutions for these challenges?
 - Implementation schedule
 - Enforcement plan
 - Metrics to track progress over time

Understanding the Community

- Description of community boundaries, public health and socioeconomic factors, types of pollution impacting community
- Technical assessment to understand community pollution impacts
 - List of the key pollutants and emission sources driving community exposure
 - Analysis that assesses share of mobile, stationary, and area-wide source emissions contributing to community exposure
 - Sensitive receptor locations within community (schools, day care, hospitals, etc.)
- Analysis of existing air quality programs in reducing emissions in community (emission reductions, local compliance, etc.)

Community Partnerships and Engagement

- Community Steering Committee Activities and Input
 - Committee makeup and Charter information
 - Meeting details and minutes
 - Website information
- Public Outreach Efforts and Results
 - Community engagement efforts (workshops, Steering Committee meetings, other community engagement)
 - Plan for public engagement moving forward upon adoption of CERP
 - Key takeaways from public input

Identifying Community Air Quality Concerns

- Community-Identified Air Quality Priorities
 - Discussion of pollution concerns as indicated by Steering Committee members and the public
 - Pollution sources of priority will be highlighted and potential emission reduction measures will be analyzed for each source category
- Technical analysis of pollution sources impacting community
 - List of the key sources and source categories within and surrounding the community
 - Use tools (emissions inventory, emissions modeling, air monitoring) to better define emissions sources of concern

Pollution Reduction Strategies

- **Emission Reduction Incentive Funding Strategies**
 - Targeted funding to reduce pollution in the community (replace fireplaces, older cars, trucks, tractors, transit and school buses, lawnmowers, nut harvesters, etc.)
 - Additional outreach and education events (Drive Clean in the San Joaquin events, etc.)
- **Regulatory Strategies**
- **Mitigation Strategies**
- **Other Strategies requiring communication with other agencies** (Dept. of Pesticide Regulation, land use, transportation)
- **Implementation Schedule**
- **Enforcement Plan**

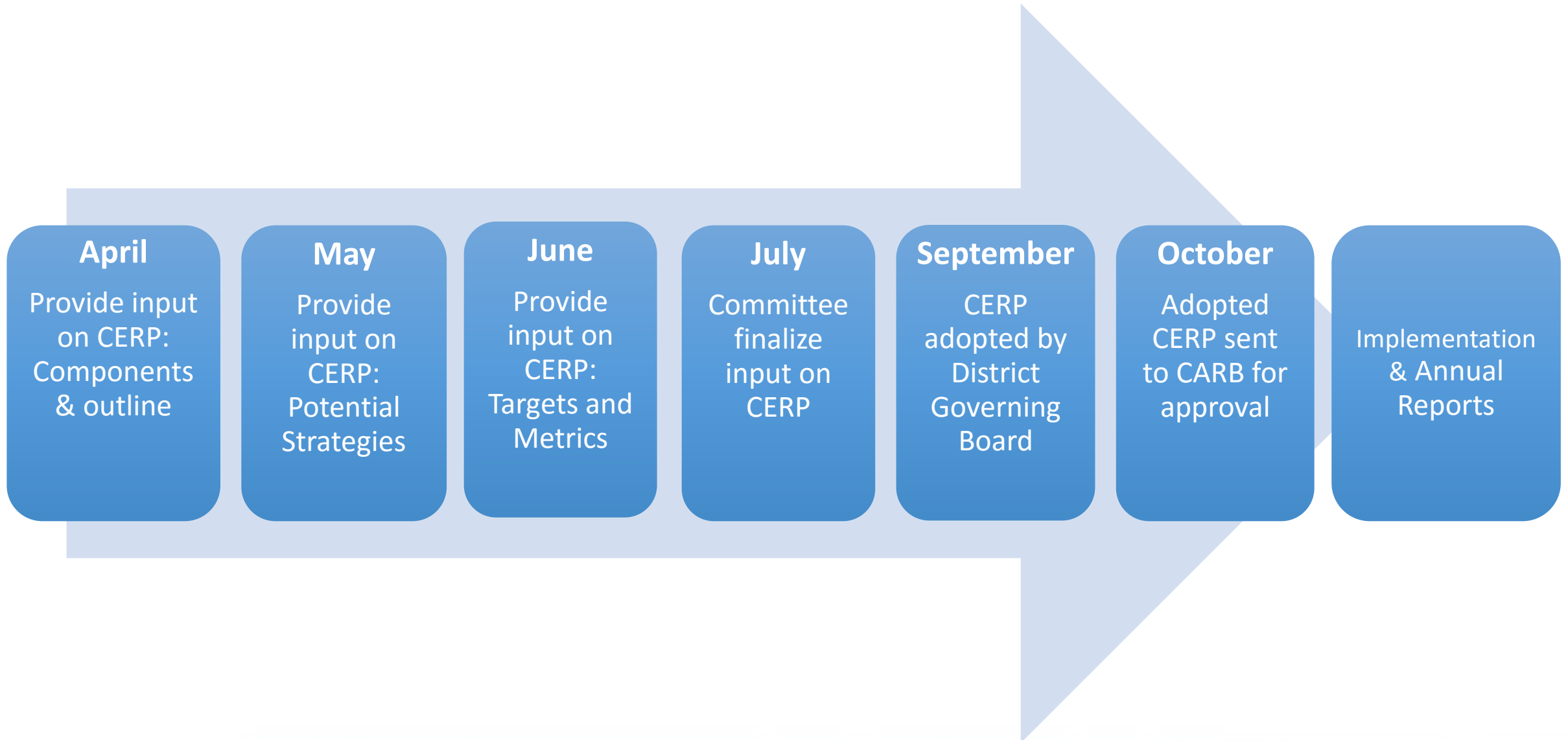
Pollution Reduction Targets

- Health Based Air Quality Objectives
 - e.g. reductions in PM2.5, air toxics
- Emissions reduction targets to be achieved within five years
- District will include numerical goals for mobile, stationary and area-wide sources of criteria air pollutants and toxic air contaminants impacting the community, including:
 - Compliance goals
 - Goals for deploying or implementing available technologies or control techniques
 - Measureable goals for deploying or implementing exposure reduction measures at sensitive receptor locations

Metrics to Track Progress

- Specify required annual metrics to track progress
 - Emission reductions achieved and progress towards meeting the individual emissions reduction targets for each pollutant
 - Dollars invested, reductions achieved, number of projects implemented in and/or benefitting the community for incentive strategies
 - Compliance, deployment and implementation goals for sources of identified pollutants
 - Emissions exposure reductions for sensitive receptors
 - Status of rules and regulations adopted or other strategies implemented
 - Additional enforcement activities
- Specify approaches for evaluating air quality and exposure at the five-year milestone

2019 Timeline for Shafter CERP



Contact Information

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Questions for Steering Committee

- District asking Community Steering Committee for thoughts and comments in the following areas:
 - Comments or questions on lay-out and components of CERP
 - Sources of pollution that are a concern to the community
 - Ways to reduce pollution from these sources that you would like to see implemented, or would like to learn more about
 - Emission reduction funding programs that you would like to receive more information about, or see increased funding in the community
 - What specific information and resources could assist the Steering Committee in providing meaningful input on the CERP?