#### SOUTH CENTRAL FRESNO COMMUNITY EMISSIONS REDUCTION PROGRAM

#### STRATEGY CRITERIA PRIORITIZATION EXERCISE

Emission reduction and exposure reduction strategies have several criteria that need to be evaluated, including the amount of emissions reduced or the effectiveness of an exposure reduction measure; considering these criteria can help to prioritize potential strategies that may be feasible for implementation in AB 617-selected communities.

Strategy Criteria	PM2.5 Emissions or Exposure Reduction	Toxic Air Contaminants Emissions or Exposure Reduction	Cost Effective Emissions or Exposure Reductions	Feasibility of Implementation	Scale of Impact on Community
Description	PM2.5 emissions reduction in community, or reduction of exposure to PM2.5 for sensitive receptors in close proximity to a source	Toxic emissions reduction in community, or reduction of exposure to toxics for sensitive receptors in close proximity to a source	\$\$ spent to implement per emissions reductions or mitigation (limiting exposure)	Measure of potential legal, jurisdictional, operational, or feasibility barriers that may prevent or limit a strategy, or impact strategy timing	How broadly could the strategy be implemented? Localized strategy/benefits or community-wide strategy?
	Most reductions and/or very effective in reducing exposure for sensitive receptor group	Most reductions and/or very effective in reducing exposure for sensitive receptor group	Best	Fewest barriers; Fastest implementation; Ready to go	Most widespread implementation/benefit to community and/or major benefit to sensitive receptors near target source
	Moderate reductions and/or somewhat effective in reducing exposure for sensitive receptor group	Moderate reductions and/or somewhat effective in reducing exposure for sensitive receptor group	Okay	Some barriers; ≥ 1 year to strategy implementation	Affects some members of community; project not scalable to provide benefits to entire community
	Minimal reductions and/or somewhat effective in reducing exposure for sensitive receptor group	Minimal reductions and/or somewhat effective in reducing exposure for sensitive receptor group	Least effective (very expensive and/or very few emissions/mitigation benefits)	Many barriers; ≥ 2 years to strategy implementation <i>if</i> able to implemented	Affects very few in community, and not near sensitive receptors

## **OLDER/HIGH POLLUTING AUTOS**

Measure #	Type of Measure	Implementing Agency	Strategy Description	PM2.5 Emissions or Exposure Reduction	Toxic Air Contaminants Emissions or Exposure Reduction	Cost Effective Emissions or Exposure Reduction	Feasibility of Implement ation	Scale of Impact on Community	Choose top priorities
1	Incentive	Valley Air District	Enhance outreach and access to financial incentives to remove older autos from the community through the District's Drive Clean in the San Joaquin program						
1	How would y	ou suggest this meas	ure be implemented in South Central Fresn	o? What are your	specific ideas for this	type of strategy	?		
2	Incentive	Valley Air District	Host a local Tune-In Tune-Up event within the community to reduce emissions from older, high polluting cars			•	•		
2	How would y	ou suggest this meas	ure be implemented in South Central Fresn	o? What are your	specific ideas for this	type of strategy	?		
3	Incentive	Valley Air District	Provide incentive funding to support the purchase of electric vehicles, charging infrastructure in the community	•		•			
3	How would y	I ou suggest this meas	l ure be implemented in South Central Fresn	I o? What are your	specific ideas for this	I type of strategy	?		

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4	Incentive	Valley Air District	Evaluate the feasibility of additional ride share programs and/or incentives for ride sharing in the community	0		•			
4	How would y	ou suggest this meas	ure be implemented in South Central Fresn	o? What are your	specific ideas for this	type of strategy	?		
5	Incentive/ Workforce Developme nt	Valley Air District	Increase educational training for EV mechanics, and support the deployment of additional EV repair facilities in the community, as feasible	Indirect Benefit	Indirect Benefit	•			
5	How would y	ou suggest this meas	ure be implemented in South Central Fresn	o? What are your	specific ideas for this	type of strategy?	?		
11	Incentive	Valley Air District	Enhance outreach and access to incentives for the purchase of zero or near-zero emissions school buses to operate within the community						
11	How would y	ou suggest this meas	ure be implemented in South Central Fresn	o? What are your	specific ideas for this	type of strategy?	?		

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12	Incentive	Valley Air District and local transit operators	Develop incentive programs for zero or near-zero emissions transit buses within the community				•		
13	Incentive	Valley Air District	Provide incentives to local public agencies for the deployment of the cleanest available vehicles and equipment in public fleets (light duty vehicles, refuse fleet, off-road fleet, emergency vehicles, etc.)						
13	How would y	ou suggest this meas	ure be implemented in South Central Fresn	o? What are your	specific ideas for this	type of strategy	?		
43	Outreach	Valley Air District, CARB, City and County	Install additional anti-idling signs near schools and other land uses that serve children and seniors					•	
43	How would y	ou suggest this meas	ure be implemented in South Central Fresn	o? What are your	specific ideas for this	type of strategy	?		

### **HEAVY DUTY TRUCKS & LOCOMOTIVES**

Measure #	Type of Measure	Implementing Agency	Strategy Description	PM2.5 Emissions or Exposure Reduction	Toxic Air Contaminants Emissions or Exposure Reduction	Cost Effective Emissions or Exposure Reduction	Feasibility of Implementation	Scale of Impact on Community	Choose top priorities
6	Incentive	Valley Air District	Provide enhanced incentive funding for zero and near-zero emissions clean truck technologies that operate within the community						
6	How would yo	ou suggest this me	asure be implemented in Sou	th Central Fre	sno? What are you	r specific ideas fo	r this type of strategy?		
7	Incentive	Valley Air District	Develop community- specific enhancements to incentive programs to support the deployment						
7	How would yo	ou suggest this me	asure be implemented in Sou	th Central Fre	sno? What are your	r specific ideas fo	r this type of strategy?		

### **HEAVY DUTY TRUCKS & LOCOMOTIVES**

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8	Regulatory	Valley Air District and CARB	Develop and/or work to implement measures that reduce idling of heavy duty trucks within the community						
8	How would yo	u suggest this me	asure be implemented in Sou	th Central Fre	sno? What are you	specific ideas fo	r this type of strategy?		
9	Enforcement	CARB	Develop an enhanced enforcement program to identify and repair trucks and buses with faulty emission control systems	•	•	•		•	
9	How would yo	u suggest this me	asure be implemented in Sou	th Central Fre	sno? What are you	r specific ideas fo	r this type of strategy?		
10	Regulatory	CARB	Amend warranty requirements and inspection program for trucks to add a lower in- use emissions performance level				0		
10	How would yo	u suggest this me	asure be implemented in Sou	th Central Fre	sno? What are you	specific ideas fo	r this type of strategy?		

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14	Incentive	Valley Air District	Provide enhanced incentive funding to replace high-polluting locomotives with clean engine technologies for trains that operate in or near the community						
14	How would yo	u suggest this me	asure be implemented in Sou	ith Central Fre	sno? What are your	specific ideas fo	r this type of strategy?		
15	Incentive	Valley Air District	Provide incentives for electric railyard switchers for train depots within the community						
15	How would yo	u suggest this me	asure be implemented in Sou	ith Central Fre	sno? What are your	specific ideas fo	r this type of strategy?		

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33	Land Use	Valley Air District	Support projects that reduce vehicle miles traveled in the community, including measures that promote active transport and increase the walkability of community neighborhoods					•	
33	How would	you suggest this m	easure be implemented in South Central i	Fresno? What a	are your specific idea	as for this type o	f strategy?		
34	Land Use	City and County	Build capacity for electric infrastructure and power storage, support development of fast-charging facilities, set aside land for green infrastructure, truck charging stations and better land use support for electric trucks	Indirect Benefit	Indirect Benefit				
34	How would	you suggest this m	easure be implemented in South Central I	Fresno? What a	are your specific idea	as for this type o	f strategy?		

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35	Land Use	Valley Air District	Provide assistance during the CEQA process with guidance on how the project may impact air quality in the Valley, and information on how air pollution impacts can be reduced	Indirect Benefit	Indirect Benefit			•	
35	How would	you suggest this m	easure be implemented in South Central I	Fresno? What a	are your specific idea	as for this type o	f strategy?		
36	Incentive	Valley Air District	Provide incentives for stationary source facilities within the community to install advanced control technology beyond existing controls that would not otherwise be economically feasible to install, as feasible	NYQ	NYQ	NYQ		NYQ	
36	How would	you suggest this m	easure be implemented in South Central I	Fresno? What a	are your specific idea	as for this type o	of strategy?		

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37	Incentive	Valley Air District	Evaluate the feasibility of an incentive program for glass manufacturing facilities to fund the installation of technologies that further reduce emissions, including those from mobile sources	NYQ	NYQ	NYQ		NYQ	
37	How would	you suggest this m	easure be implemented in South Central i	Fresno? What a	are your specific idea	es for this type o	f strategy?		
38	Incentive	Valley Air District	Evaluate the feasibility of an incentive program for biomass facilities to fund the installation of technologies that further reduce emissions, including those from mobile sources	NYQ	NYQ	NYQ	•	NYQ	
38	How would	you suggest this m	easure be implemented in South Central I	Fresno? What a	are your specific idea	as for this type o	of strategy?		

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39	Incentive	Valley Air District	Provide incentives to Chrome Plating operations to further reduce emissions of chromium, as feasible	NYQ	NYQ	NYQ	•	NYQ	
39	How would	you suggest this m	easure be implemented in South Central	Fresno? What a	are your specific ide	as for this type c	f strategy?		

<sup>\*</sup>NYQ = Not Yet Quantified, for measures that would need further evaluation of cost effectiveness, feasibility, and impact on the community

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16	Regulatory	Valley Air District	Implement enhanced District Rule 4901 (Wood Burning Fireplaces and Wood Burning Heaters) requirements (as included in District's 2018 PM2.5 Plan)						
17	Incentive	Valley Air District	Provide enhanced financial incentives to replace existing wood burning devices and pellet stoves with natural gas or electric technologies						
17	How would y	ou suggest this m	easure be implemented in So	uth Central Fr	esno? What are yo	our specific ide	as for this type of str	rategy?	
18	Outreach	Valley Air District	Conduct outreach in the community to educate residents about the importance of reducing wood burning and associated health impacts, and programs available to support the transition to natural gas and electric devices.						

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18	How would y	you suggest this m	easure be implemented in So	outh Central Fr	esno? What are yo	our specific ide	as for this type of str	rategy?	
19	Incentive	Air District and PUC	Provide incentives for local businesses and homeowners to install solar power and energy storage systems	0	0	0		0	
19	How would y	you suggest this m	easure be implemented in So	outh Central Fr	esno? What are yo	our specific ide	as for this type of str	rategy?	
20	Incentive	Valley Air District	Enhance outreach and access to incentive program for the replacement of residential lawn and garden equipment in the community through the District's Clean Green Yard Machines program						

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21	Incentive	Valley Air District/CARB	Enhance outreach and access to incentive program for the replacement of commercial lawn and garden equipment in the community through the District's Clean Green Yard Machines program						
20 & 21	How would y	ou suggest these	measures be implemented in	South Central	Fresno? What are	e your specific i	deas for this type of	strategy?	
22	Incentive	Valley Air District	Provide incentives to further reduce smoke and other pollution from restaurants that use underfired charbroilers			•			
22	How would y	ou suggest these	measures be implemented in	South Central	Fresno? What are	e your specific i	deas for this type of	strategy?	

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25	Partnership	Valley Air District and other local partners	Identify opportunities for increased urban greening and forestry in the community			•		•			
25	How would you suggest these measures be implemented in South Central Fresno? What are your specific ideas for this type of strategy?										
26	Outreach	Valley Air District and City/County	Conduct expanded outreach and education to reduce illegal burning of residential waste					•			
26	How would y	ou suggest these	measures be implemented in	South Central	Fresno? What are	e your specific i	deas for this type of	strategy?			

### **EXPOSURE REDUCTION STRATEGIES**

Measure #	Type of Measure	Implementing Agency	Strategy Description	PM2.5 Emissions or Exposure Reduction	Toxic Air Contaminant s Emissions or Exposure Reduction	Cost Effective Emissions or Exposure Reductions	Feasibility of Implement ation	Scale of Impact on Community	Choose top priorities
39	Exposure Reduction	Valley Air District and local school district	Increase the number of schools enrolled in the District's Healthy Air Living School program to help reduce children's exposure to unhealthy air conditions						
39	How would y	ou suggest this me	asure be implemented in South Central Fro	esno? What ar	e your specific id	eas for this type	e of strategy?		
40	Exposure Reduction	Valley Air District	Provide financial incentives for the purchase and installation of enhanced Air Filtration systems at schools in the community		•		•		
40	How would y	ou suggest this me	asure be implemented in South Central Fro	esno? What ar	e your specific id	eas for this type	e of strategy?		
41	Exposure Reduction	Valley Air District, City, County, CDOT, and other local partners	Provide incentives for the installation of vegetative barriers around/near sources of concern to reduce particulate matter, odor, and other emissions, as feasible	•	•	•	•	•	
41	How would y	ou suggest this me	asure be implemented in South Central Fro	esno? What ar	e your specific id	eas for this type	e of strategy?		

### **EXPOSURE REDUCTION STRATEGIES**

42	Exposure Reduction	CARB, CEC, PUC, IOUs, City, County, Valley Air District	Work with agency and local partners to investigate measures to reduce indoor emissions and exposure, including weatherization, energy efficiency, enhanced filtration, and other services			•	•	•	
42	How would y	I ou suggest this me	l easure be implemented in South Central Fr	I esno? What ar	l e your specific id	l eas for this type	e of strategy?		
45	Exposure Reduction	Valley Air District	Provide additional information to the community about real-time air quality conditions and appropriate measures the public should take to protect themselves during poor air quality episodes	•	•				
45	How would y	you suggest this me	easure be implemented in South Central Fr	esno? What ar	e your specific id	eas for this type	e of strategy?		