

PORTSIDE COMMUNITY EMISSIONS REDUCTION PLAN (CERP)

Chapter 7: Actions and Strategies

At its core, the CERP is a plan for action to reduce air pollutant emissions and community exposure to those emissions in the Portside Community. In addition to the ongoing efforts described above, the CSC is proposing new actions to reduce air pollution in the community. The proposed actions define a path to further reduce air pollution from sources in the community under the following eight categories:

- 1. Outreach and Community Engagement
- 2. Incentives
- 3. Rule Development
- 4. Enforcement
- 5. Heavy-Duty Trucks
- 6. Land Use
- 7. Working Waterfront Activities (Port, Navy, Shipyards)
- 8. Advocacy Measures

Each action is to be carried out based on a set of strategies, goals, and timelines. The entity (e.g., government agency or organization) responsible for the actions is also identified. The actions will be presented to the APCD Board in two phases. Phase I includes actions from categories one through four from the list above and were adopted by the APCD Board in November of 2020. Phase II includes actions from categories five through eight and will be presented to the APCD Board in July of 2021. A full description of these actions as well as overall aspirational goals for the CERP can be found in Chapter 7 - Actions and Strategies. A summary of the goals and actions is presented below.

CERP Goals

**GOAL 1.** By 2031, reduce Diesel Particulate Matter (PM) from 2018 levels by 80% in ambient air at all Portside Community locations.

**GOAL 2.** Medium-Duty (MD) and Heavy-Duty (HD) trucks servicing Portside Community to be 100% Zero-Emission Vehicle (ZEV) 5 years ahead of the California state requirements.

**GOAL 3.** Establish ZEV HD/MD truck charging infrastructure in Portside, by specified dates in Action E1, with 4 sites operational by 2026.

**GOAL 4.** Reduce emissions from HD/MD trucks servicing indirect sources by 100% 5 years in advance of regulatory requirements.

**GOAL 5.** By December 2021, San Diego Air Pollution Control District (SDAPCD) to present the cumulative cancer risk for Portside Communities from Health Risk Assessments and modeling of cumulative risk (including freeways, rail, vessels, stationary sources, etc.) to inform Goal #6. SDAPCD can achieve this modeling goal with California Air Resources Board (CARB) assistance and input from the Portside Community Steering Committee including methodology and input data.

**GOAL 6.** By February 2022, establish an estimated cancer risk reduction goal based on the modeling that is done in Goal #5. Estimated cancer risk at all census tracts in Portside Community from locally generated emissions, including both stationary and mobile sources, to meet goals of \_\_\_\_/ million by 2026 and \_\_\_\_/million by 2031.

**GOAL 7.** Conduct a Health Risk Assessment (HRA) at the Port’s two marine cargo terminals to establish an updated baseline that relies on the most recent source characterization and activity from the Port’s 2019 Emissions Inventory to inform aspirational goals in support of public health community priorities:

- 1) By October 2021, identify existing health risk levels generated from the Port’s Tenth Avenue Marine Terminal (TAMT) and the National City Marine Terminal (NCMT) for Diesel PM and other Toxic Air Contaminant (TAC) emissions.
  - a. Reduce Health Risk: The HRA may be used to inform an aspirational goal of reducing cancer risk
  - b. Reduce DPM Emissions: The HRA may be used to inform an aspirational emission reduction goal
  - c. Assist the San Diego Air Pollution Control District (SDAPCD) and the California Air Resources Board (CARB) with preparing a cumulative cancer risk analysis for the AB 617 Portside Community by providing them with the Port’s HRA (October 2021) and the other operational related information.

**GOAL 8.** By 2026 reduce cancer risk below 10/million for each permitted stationary source, including portable equipment, in the Portside Environmental Justice Community.

**GOAL 9.** By 2031 complete Harbor Drive 2.0 truck freight improvements, including enforcement and signage of truck route for National City.

**GOAL 10.** By 2031 increase tree canopy in the Portside Community to 35%.

**GOAL 11.** Develop a new vision for park/green space for the Portside Community to increase park space by 30% by December 2022.

CERP Actions

Strategies	Action	Description
Outreach and Community Engagement	A1	Develop and Implement an Incident Response Plan
	A2	Develop and Implement a Public Participation Plan
	A3	Develop a plan to quantify and prioritize the community health risks from air pollutants
	A4	Establish an Office of Environmental Justice within the APCD
Incentives	B1	Implement Additional Flexibility for Mobile Source Incentives
	B2	Reduce emissions from passenger vehicles
	B3	Develop and implement a residential air filtration and air monitoring program
	B4	Incentives Outreach
Rule Development	C1	Evaluate Rule 1206 (Asbestos Removal, Renovation, and Demolition) to potentially regulate residential structures between 1-4 dwelling units
	C2	Evaluate Rule 1210 to potentially reduce health risks
	C3	Evaluating existing rules and considering new rules
	C4	Propose amendment of District Rule 1401 to lower the threshold at which facilities must apply for and obtain a Federal Title V Operating Permit
Enforcement	D1	Propose the development of a Supplemental Environmental Project (SEP) Program within the Violation Settlement program
	D2	Evaluate the feasibility of expanding mobile source enforcement program
	D3	Evaluate the current air quality complaint process
	D4	Increase APCD presence in Portside Community
	D5	Evaluate the feasibility of utilizing portable emission analyzers (Testo 350) to verify compliance
	D6	Evaluate the feasibility of expanding enforcement of truck idling regulations within the Portside Community
Heavy Duty Trucks	E1	Advance the deployment of heavy-duty on-road electric trucks
	E2	Fair outcome for small fleet owners and truck drivers
	E3	Support dedicated truck route and avoid truck impacts to local community
	E4	Increase number of truck parking and staging facilities with electric charging capabilities
Land Use	F1	Support land uses that serve as a buffer between industrial and residential uses in the Portside Community
	F2	Reduce exposure for sensitive receptors within 500 ft. of Port, freeways, and industries
	F3	Urban greening
	F4	Public school exposure reduction
	F5	Support Harbor Drive Multimodal Corridor Study land use proposals
	F6	Neighborhood resiliency & housing stability
	F7	Improve transportation efficiencies
	F8	Truck diversion
Working Waterfront Activities (Port, Navy, and Shipyards)	G1	Reduce diesel emissions from cargo handling equipment
	G2	Reduce emissions from ships at berth
	G3	Reduce emissions from harbor craft
	G4	Reduce DPM and NOx emissions from portable air compressors and other diesel sources at shipyards
	G5	Promote best practices for reducing diesel, VOC and other emissions from ship repair activities
	G6	Reduce emissions from shipyard employee transportation
	G7	Promote adoption of ZE technologies by Port tenants, truckers, and other users of equipment
	G8	Reduce emissions associated with traffic at Naval Base San Diego
Advocacy Measures	H1	Support Emission Reduction Opportunities

Link to full Portside CERP:

<https://www.sdapcd.org/content/sdapcd/community/community-air-protection-program/portside-community/portside-cerp.html>