



Port of San Diego Green Port Program

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Environmental & Land Use Management**



Legend



Port of San Diego Boundary



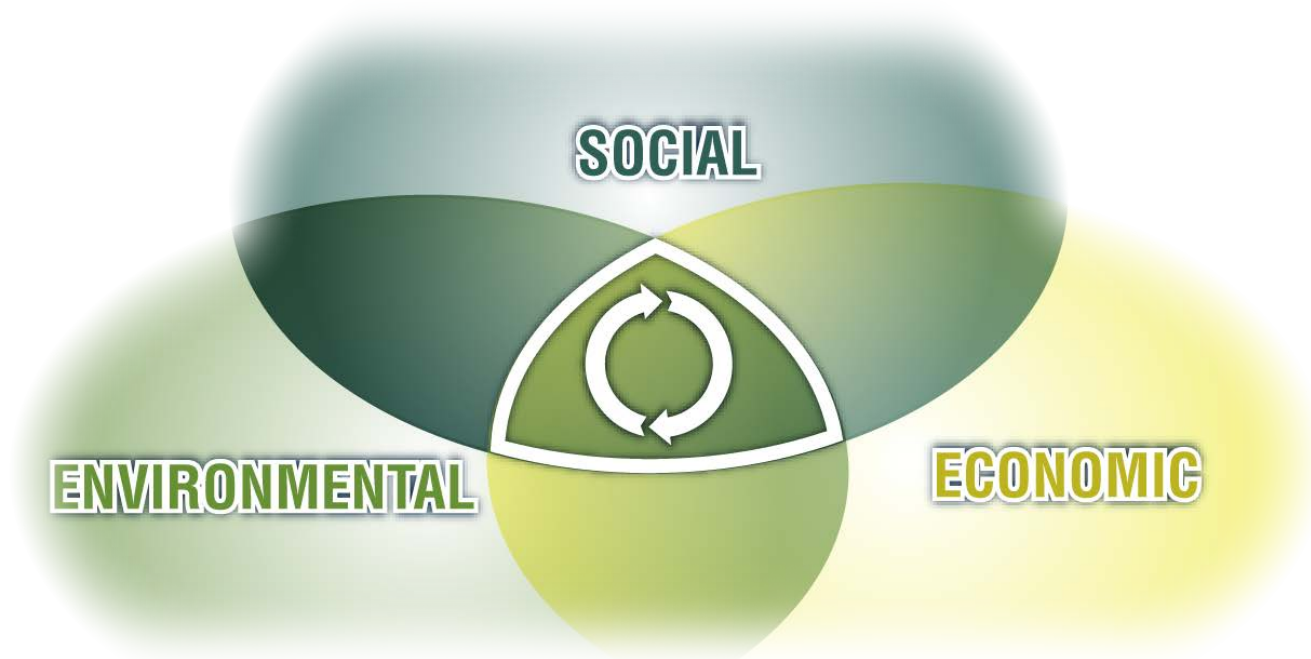
Not Under Port Management

0 1 2 Miles





The Green Port Program is About...



...Sustainable Growth



Green Port Areas of Focus:



Water (W)



Energy (E)



Air (A)



Waste Management (WM)



Sustainable Development (SD)



Sustainable Business Practices (SBP)

Reducing Emissions

- Cruise ship terminal shore power system reduced emissions by 19 tons during 2011
 - Equivalent to removing 400 cars from road each day ship plugs in
- Currently constructing 2nd shore power system at Tenth Ave Marine Terminal

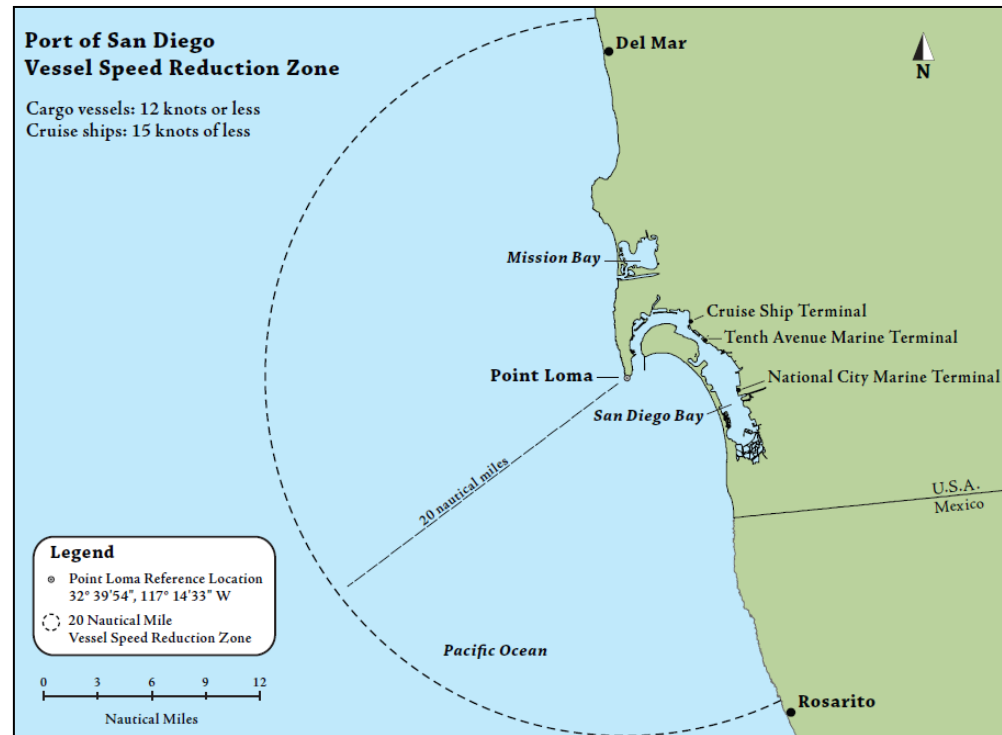


Cruise ship connected to the Port shore power system.



Reducing Emissions

- 100% of trucks visiting the cargo terminals are cleaner
- 60% of cruise ship and cargo vessel calls participated in Vessel Speed Reduction Program in 2011
 - 13%-18% emissions reduction from participating vessels
- 2012 maritime emissions inventory update in progress



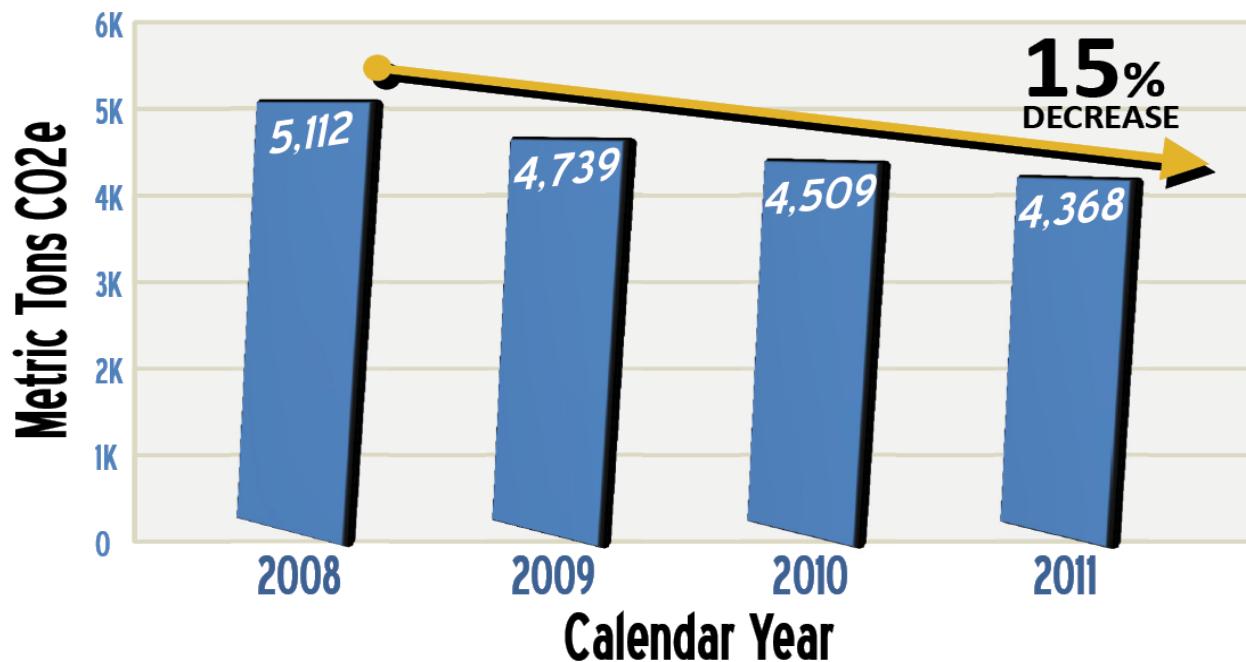
Prop 1B: Goods Movement Emissions Reduction Program

- Port provided \$1.1 million in matching funds for truck retrofits and replacements
- Over 30 trucks were retrofitted with Port matching funds



By the Numbers

Greenhouse Gas Emissions from Port Operations 2008-2011



*This is a reduction of **744 metric tons** of greenhouse gasses, serving the same environmental benefit to the region as removing **145 cars** from the road each year.*



Efficient Port Operations





Economic Benefit

Port operations cost savings:

- ***Utilities*** – The Port saved an estimated \$316,100 in utility costs (\$240,000 in water, \$76,100 in electricity) last year.
- ***Employee engagement*** – Outreach and training programs increase awareness of resource conservation.

Port tenants cost savings:

- Port tenants participating in the Green Business Network saved an estimated \$156,000 on their energy bills and earned \$134,000 in SDG&E[®] rebates and incentives.



Climate Action

What is the Climate Plan?

- Greenhouse gas emissions inventory and goals for all tidelands
 - Reduce GHGs by 10% by 2020 and 25% by 2035 over 2006 baseline year
- Sea level rise projections and adaptation toolbox

Regional Efforts

- Port, our five member cities, the Airport Authority, and ICLEI created a *Sea Level Rise Adaptation Strategy for San Diego Bay*
- Climate Collaborative – San Diego Region (sdclimatecollaborative.org)



Thank you!

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