

# Moving Forward Network



*To transform the global trade system by supporting the organizing, advocacy, education and research efforts of partners around the United States toward improving public health, quality of life, environmental integrity, labor conditions and environmental justice.*



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# GETTING TO ZERO

photo credit: California Department of Transportation

[WWW.ZEROEMISSIONSNOW.NET](http://WWW.ZEROEMISSIONSNOW.NET)

- Two-year campaign
- Cuts across all regions
- Supports local, regional and state work while advancing the our federal policy agenda
- Advances environmental health and justice by reducing pollution through zero emission technology and community planning effort

# Campaign Goals

- Increase public engagement in freight plans at the local, regional and state level
- Provide tools and resources that support network partners in local/regional campaigns
- Increase network and network partners media visibility
- Hold EPA accountable
- Improve public health



# DIESEL DEATH ZONES

**is the term coined by an emergency room doctor to describe the largely African American and Hispanic communities adjacent to the nation's sea and inland ports.**

Freight Operations Emit  
Deadly Diesel Exhaust  
that Destroys the Health of  
Exposed Communities While  
Also Contributing Significantly  
to Global Climate Change

- Asthma, poor lung development, and other respiratory diseases;
- Cardiovascular disease;
- Lung cancer;
- Pre-term births and infants with low birth weight
- Premature death.

## For Race/Ethnicity

(of population exposed to concentrations exceeding a 100-per-million carcinogenic health risk):

- African-Americans made up a proportion of the high-risk population that was 3 times their proportion of the U.S. population.
- Hispanics made up a proportion of the high-risk population that was twice their proportion of the U.S. population.
- In Oakland, CA, the proportion of African-Americans exposed to these concentrations was more than 7 times the proportion in the metropolitan area.
- In Gary, IN, the proportion of African-Americans exposed to these concentrations was more than 5 times the proportion in the metropolitan area.
- In Chicago, IL and Nashville, TN, the proportion of African-Americans exposed to these concentrations was more than 4 times the proportion in the metropolitan areas.
- In Paulsboro, NJ, the proportion of Hispanics was more than 6 times the proportion in the metropolitan area.
- In Cleveland, OH, the proportion of Hispanics was more than 5 times the proportion in the metropolitan area.



### **Blacks**

*made up a proportion of the high-risk population that was 3 times their proportion of the U.S. population*



### **Hispanics**

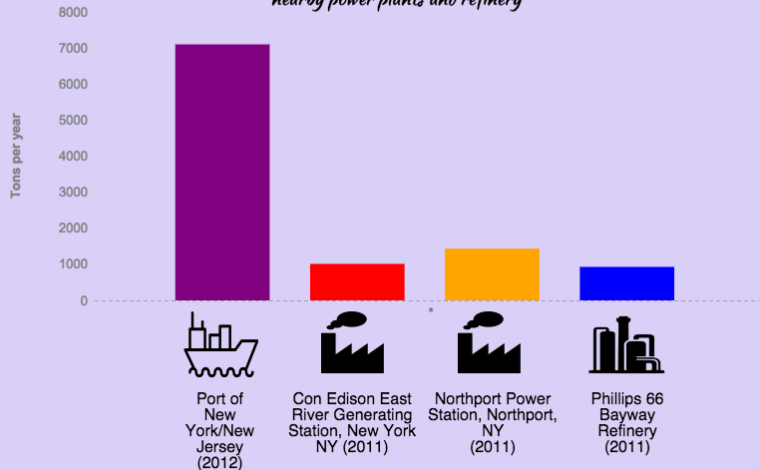
*made up a proportion of the high-risk population that was twice their proportion of the U.S. population*

Low-Income Communities of Color are Disproportionately Exposed to Freight-Generated Emissions

## How do ports measure up?

### NOX EMISSIONS

*Port of New York/New Jersey compared to nearby power plants and refinery*



Notes:

Con Edison East River Generating Station is the closest power plant to port.  
Northport Power Station is the highest polluting power plant within a 50 mile radius of port.  
Phillips 66 Bayway Refinery is the closest refinery to port.

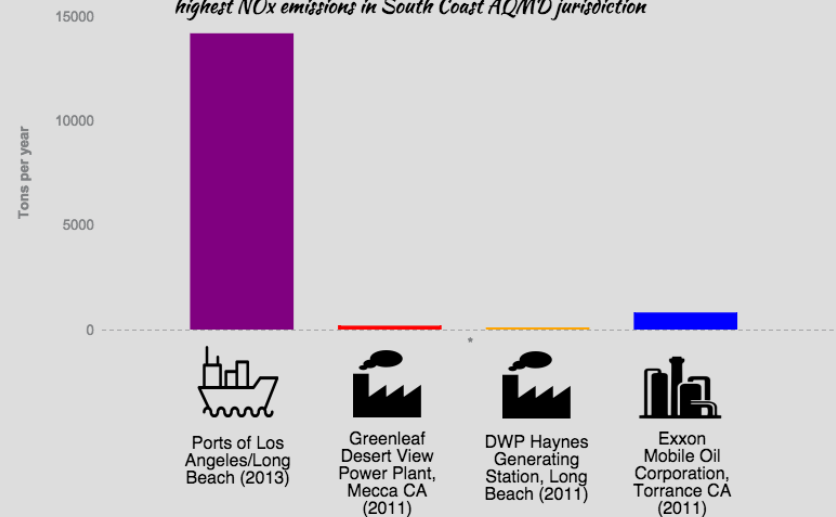
Diesel freight traffic will increase substantially over the next several decades and already produces over 500 million metric tons of greenhouse gases annually, a major contributor to global climate change.

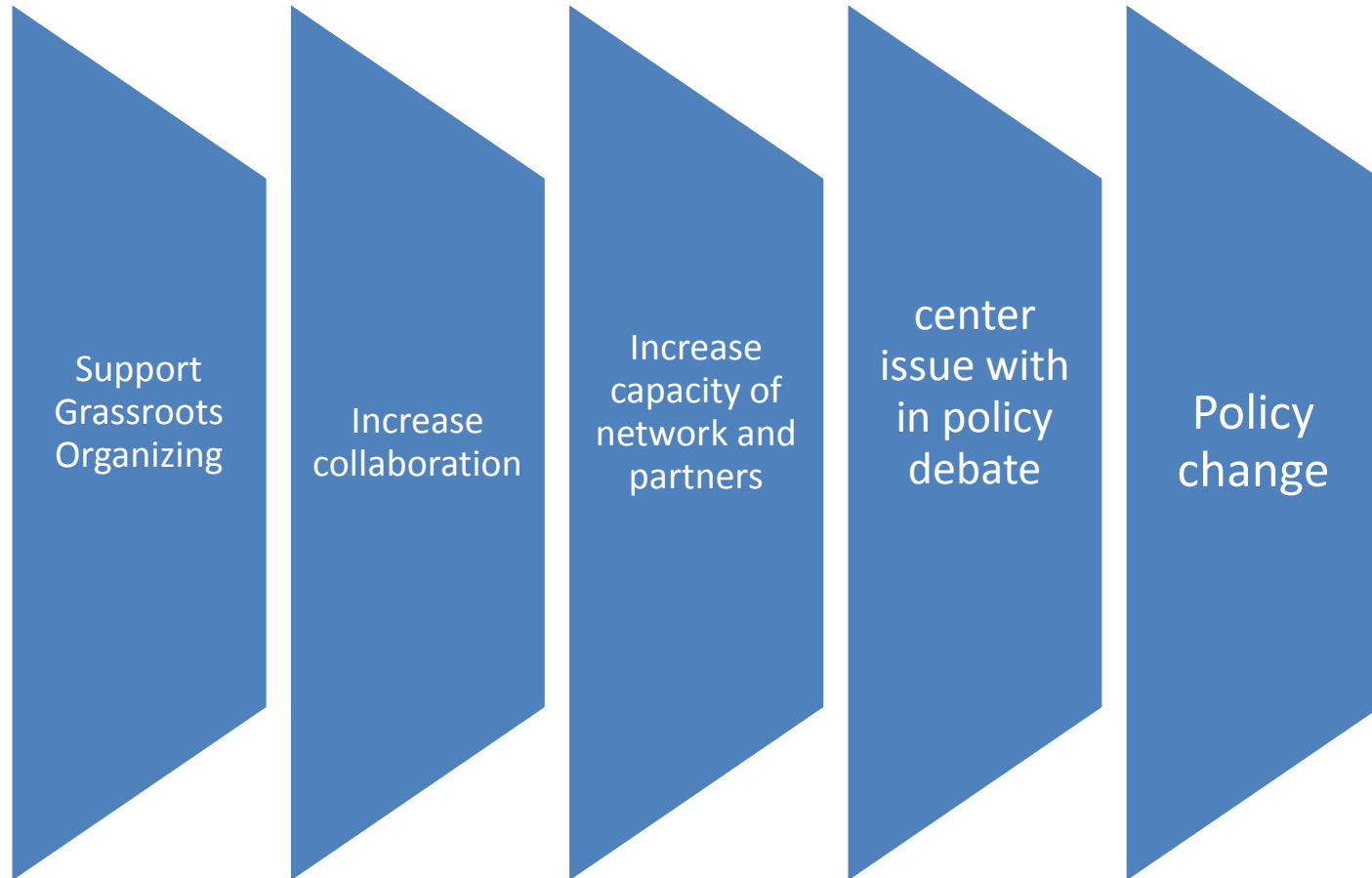
Freight Contributing Significantly to Global Climate Change

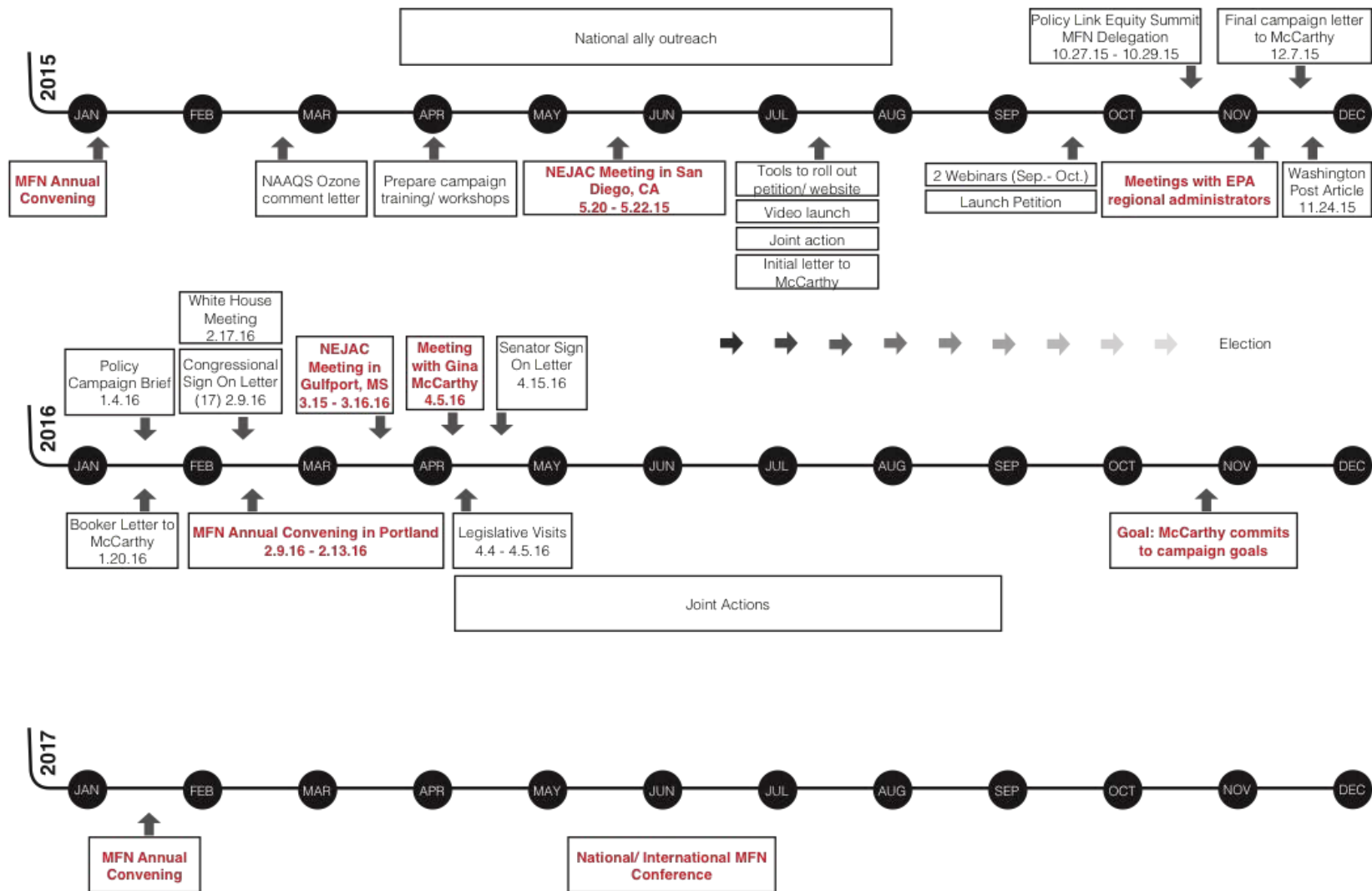
## How do ports measure up?

### NOX EMISSIONS

*Ports of Los Angeles/Long Beach versus power plant and refinery with highest NOx emissions in South Coast AQMD jurisdiction*







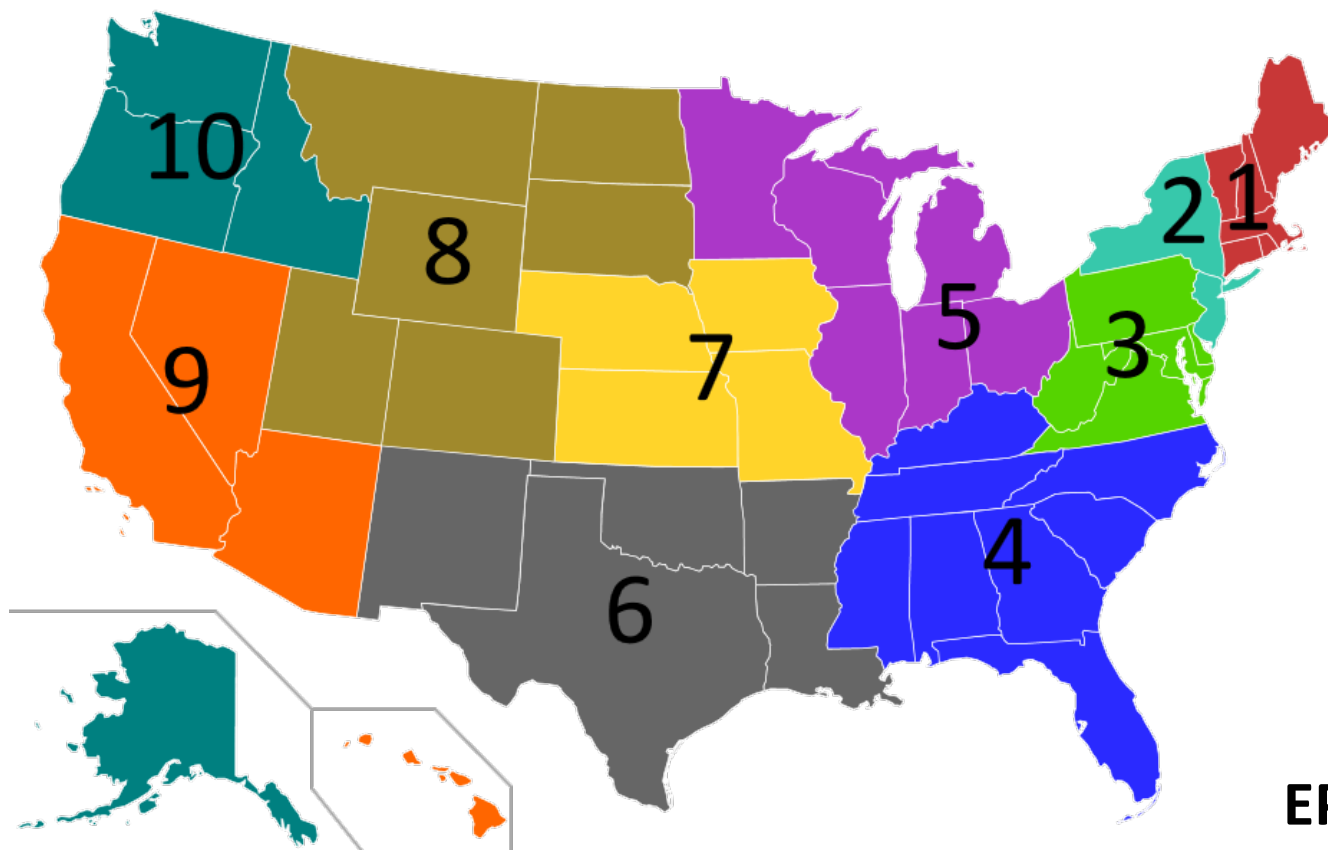
# Campaign Objectives





1

In collaboration with community organizations the 10 regions of EPA identify and prioritize activities for taking action to address environmental health impacts from freight operations.



**EPA Regions**



## **US-EPA will develop a Goods Movement Working Group**

Through the Goods Movement Working Group, EPA will develop a Goods Movement Strategy agency wide in 2017-18

## **Focus Areas of the EPA Goods Movement strategy**

Potential new emission standards for freight equipment

Initiating NEPA for all Freight projects

Assist and direct states to address freight generated pollution



# Moving Forward Network

# Contact Information

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