#### Air Emissions Inventories for Ports

Guiselle Aldrete Air Quality Consultant Starcrest Consulting Group, LLC

Mid-Atlantic Ports Vibrant Ports, Healthy Ports Workshop October 24, 2017

## U.S. ports that have recently conducted emissions inventories



# What is the process of an emissions inventory?

- Collect data
- Estimate emissions
- Prepare report



### Why develop an emissions inventory?

- Identify emissions from port-related mobile sources
- Prepare a baseline to track achievements
- Identify opportunities and prioritize for future emission reduction strategies
- Provide foundation for grants

#### Port Emission Inventory Examples

#### Port of Los Angeles

Port Everglades

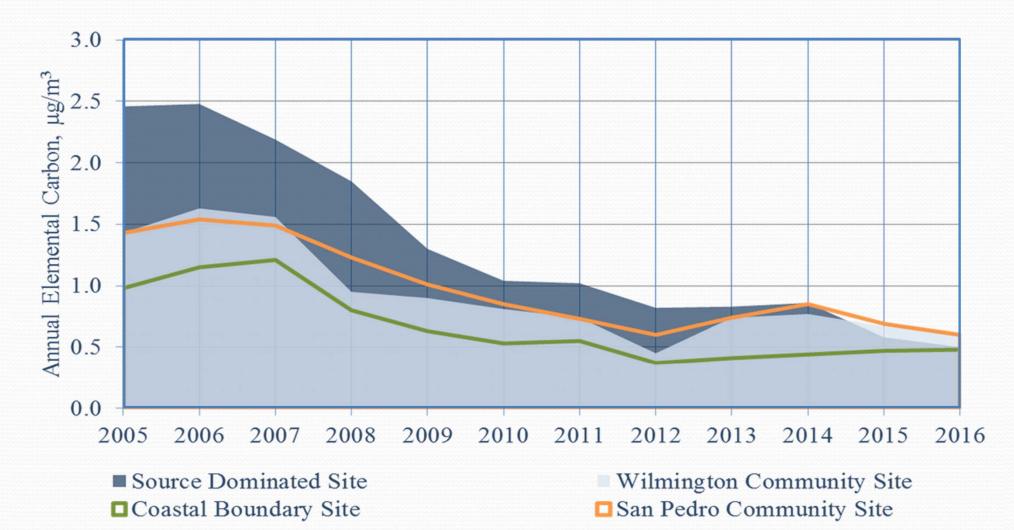
#### Port of Los Angeles Emissions Inventory



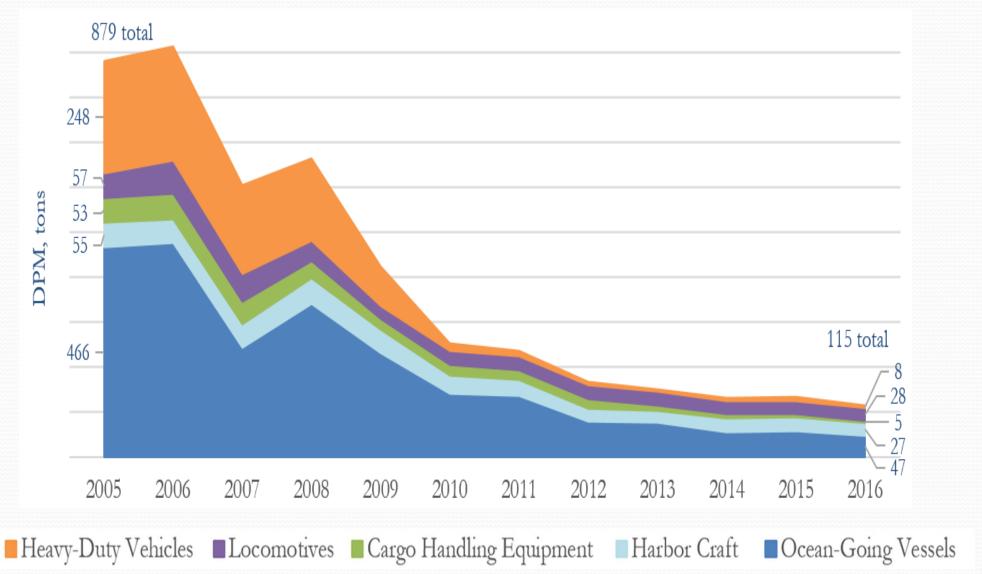
#### Goals and Actual Reductions from 2005

	2014 Goal	2015 Actual	2016 Actual	2023 Goal
DPM	72%	85%	87%	77%
NOx	22%	51%	57%	59%
SOx	93%	<b>97</b> %	<b>98%</b>	93%

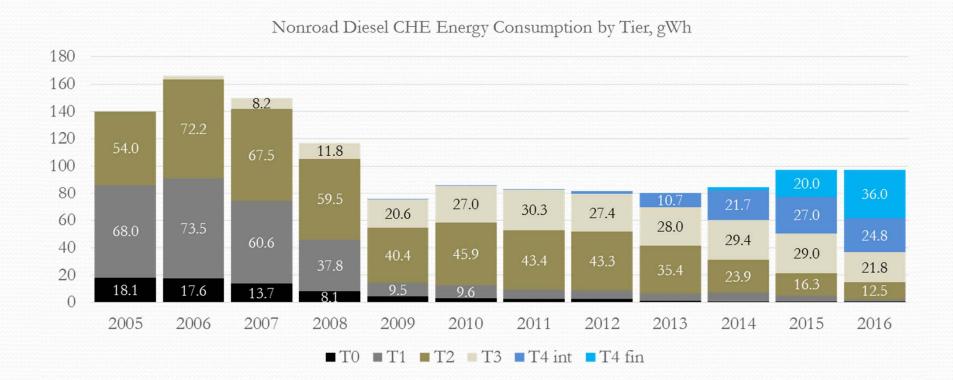
#### **POLA Air Monitoring Progress**



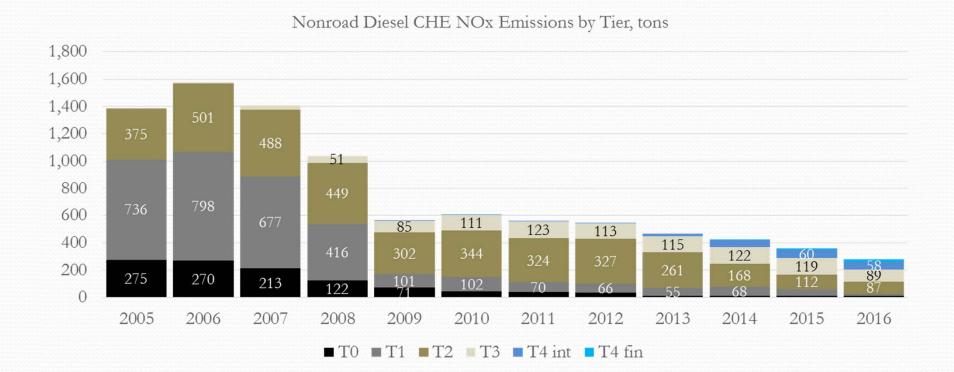
#### POLA Source Category DPM Trends



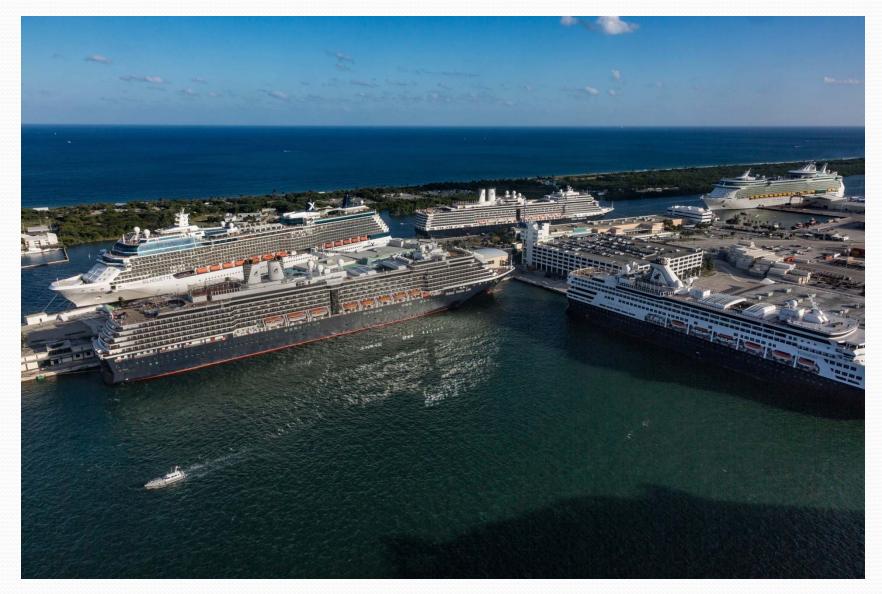
#### POLA Cargo Handling Equipment Activity

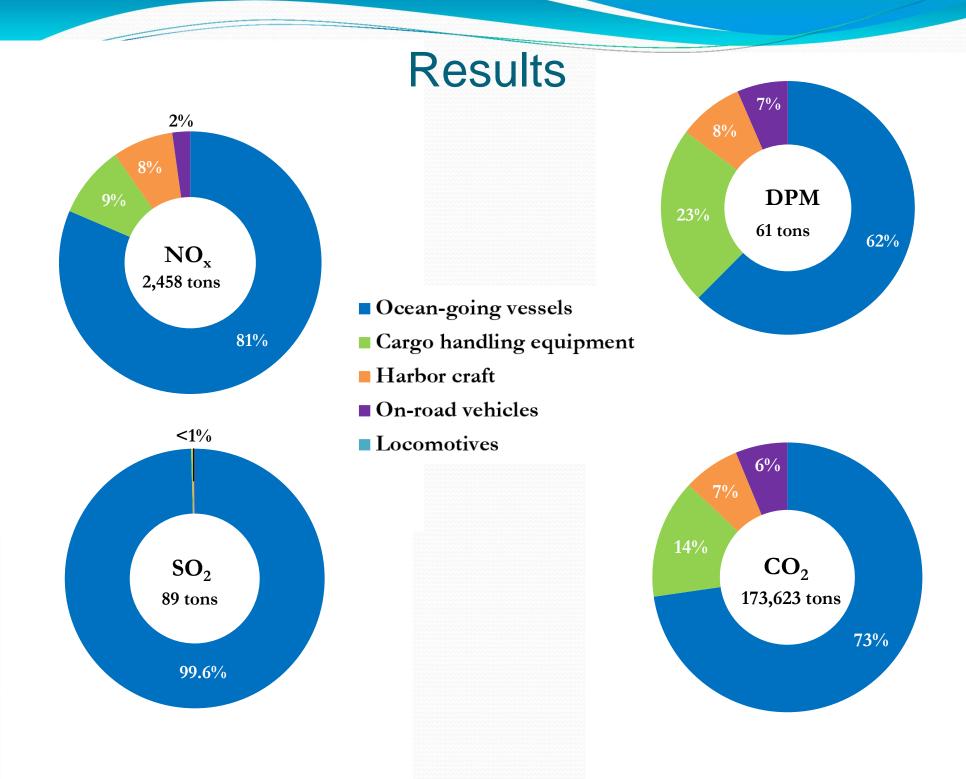


#### POLA Cargo Handling Equipment Emissions

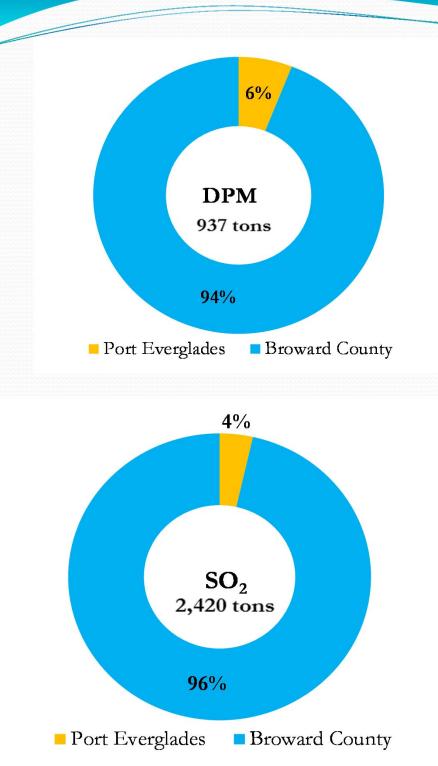


### Port Everglades Baseline El

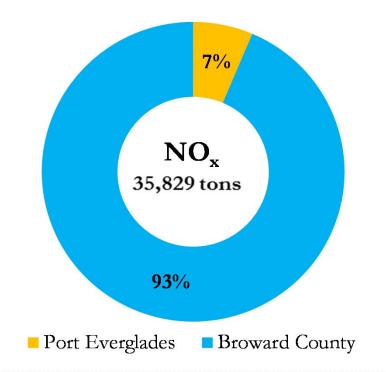




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#### **Regional contributions**



#### Questions?



Guiselle Aldrete Air Quality Consultant Starcrest Consulting Group

guiselle@starcrestllc.com



610-388-1297 (o)