

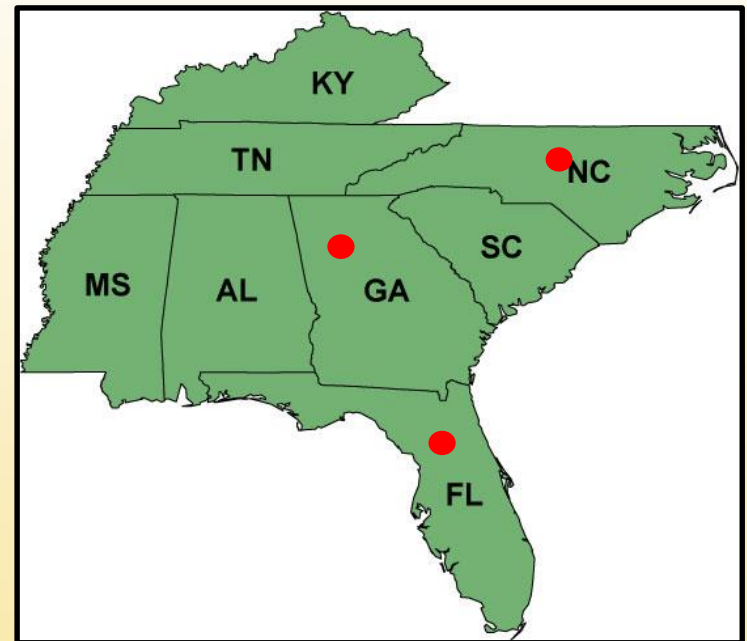
# **Volkswagen Settlement: Get the Most Mileage Out of Your Funds**

**John Wilhelmi, Eastern Research Group, Inc. (ERG)  
Southeast Diesel Collaborative Partners Meeting  
November 30, 2017**

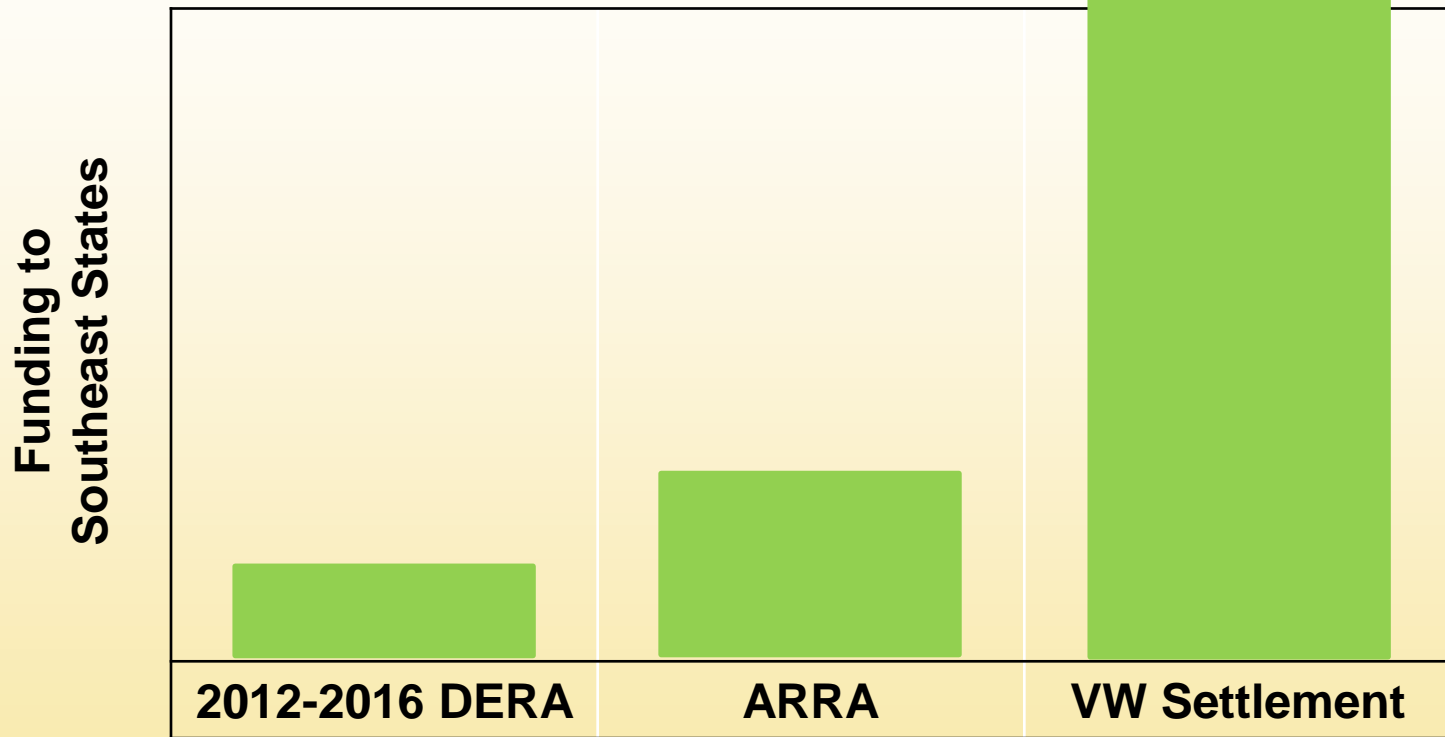


# Introduction

- About ERG
- Practice areas
  - Mobile sources
  - Grant administration
  - Communications
- VW support activities



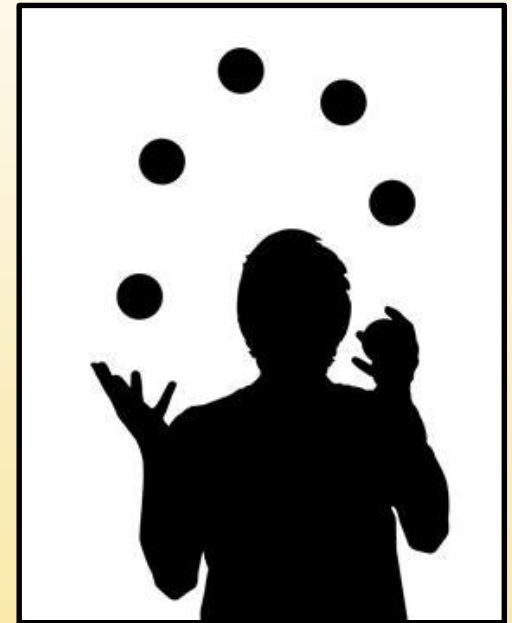
# Diesel Funding in Southeast



**>\$450,000,000 to Southeast states**  
**Opportunities – Challenges – Scrutiny**

# Word on the Street...

- Input from prospective Beneficiaries
  - High-level visions
  - Eligible Mitigation Actions
  - Equitable distribution of funds
  - Competing interests
  - Optimal cost shares
  - Timing of projects
  - Co-benefits



**Information and Resources**

# Information

- Beneficiary Mitigation Plan database (15)
  - Goal statements
  - Proposed allocations
  - Areas that bear disproportionate share of air pollution burden
  - Anticipated benefits
- Other information

- Non-attainment areas
- Designated EJ areas
- Areas with low-income and minority populations
- Locations affected by diesel engines (e.g., urban areas near major thoroughfares)
- Residential areas near ports and high-traffic or freight corridors
- Use of environmental public health tracking data
- Coordination with community organizations

# Resources

- Sample public comments
  - “...**propane**/Autogas powered buses [are] the best use of the funding”
  - “...the most cost effective strategy to reduce NOx emissions...are investments in the latest clean **diesel** technology”
  - “...prioritize **electric** trucks, buses, and port vehicles”
- A tool is needed to assess NOx reduction and cost-effectiveness

# Diesel Funding Optimizer

- What is it?
  - Calculates emission reductions and cost-effectiveness
  - Designed for VW settlement
  - MOVES-based emission factors
- What are its applications?
  - Developing Beneficiary Mitigation Plans
  - Comparing proposed projects
  - Assessing co-benefits

# Calculator Inputs



## Emissions Calculator Inputs

Select/input your values for calculation.

Select the calendar year of the mitigation action(s).

1. Calendar year start date
2. Vehicle/engine ownership

### Current Vehicles

Enter details on the existing vehicles or engines that will be replaced or repowered.

3. Vehicle/engine categories   
*Operation type*  *Non-government Class 8 trucks only*
4. Engine model year
5. Annual mileage/truck (mi)
6. Remaining life (yrs)
7. Number of vehicles/ engines to be replaced or repowered

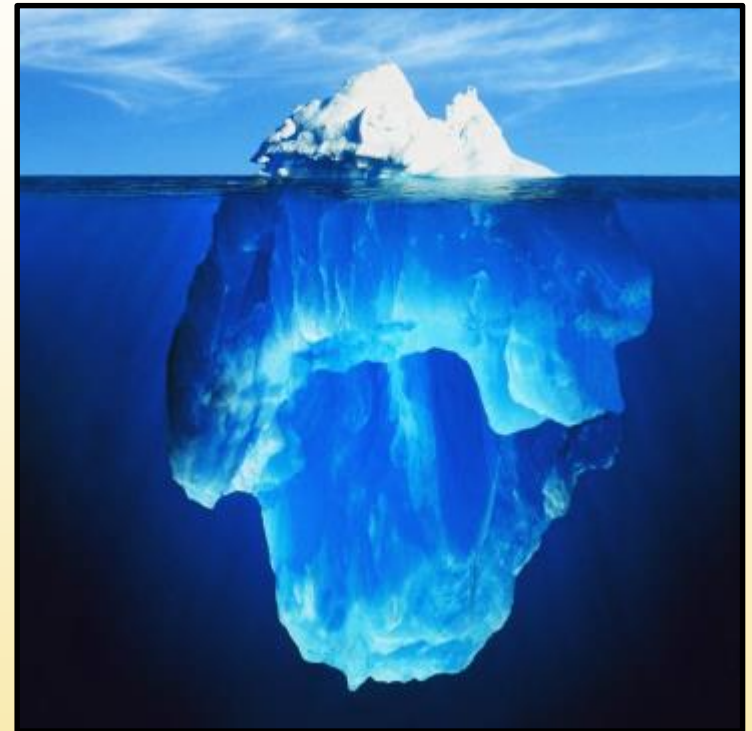
Clear

### Replacement/Repowered Vehicles



# Next Steps

- Trustee designation
- Notification to federal agencies
- Beneficiary Mitigation Plans
- Project planning
- Funding requests
- Semi-annual reports
- Reporting to stakeholders



**Remember: It's all about clean air.**

# For Further Information

- Questions?

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## VW Settlement Update

A Newsletter from ERG

### Important Update

It's real now. The Trust Effective Date has passed. States are gearing up for VW settlement activities. And ERG's mobile sources team is here with tips on designing, implementing, and auditing diesel emission reduction projects. This issue: ports, calculators, and a friendly reminder.



### The Port Authority

Ports can be large sources of air pollution. Choosing the right strategy requires knowing what your pollution is, where it's coming from, and when peak emissions occur. See how ERG's mobile source experts are helping one port clear the air.

[Read More](#)