

# Minnesota's draft Volkswagen settlement plan

Technical Advisory Committee

March 7, 2018

Amanda Jarrett Smith | Air Policy Planner

- Overview of VW project
- Public input and how we used it
- Draft plan review
- Next steps
- Discussion



## Comments accepted through March 19

Questions/comments: [vwsettlement.pca@state.mn.us](mailto:vwsettlement.pca@state.mn.us)

Read the draft plan and learn about public meetings:  
[www.pca.state.mn.us/vw](http://www.pca.state.mn.us/vw)

### Public meetings

- St. Paul, Feb. 28
- Minneapolis, March 8
- Duluth, March 13
- Mankato, March 15

### Remote access

- Brainerd, March 5
- Detroit Lakes, March 5
- Rochester, March 5
- Marshall, March 5

# \$47 million over 10 years

Funds can only be used for 2 things:

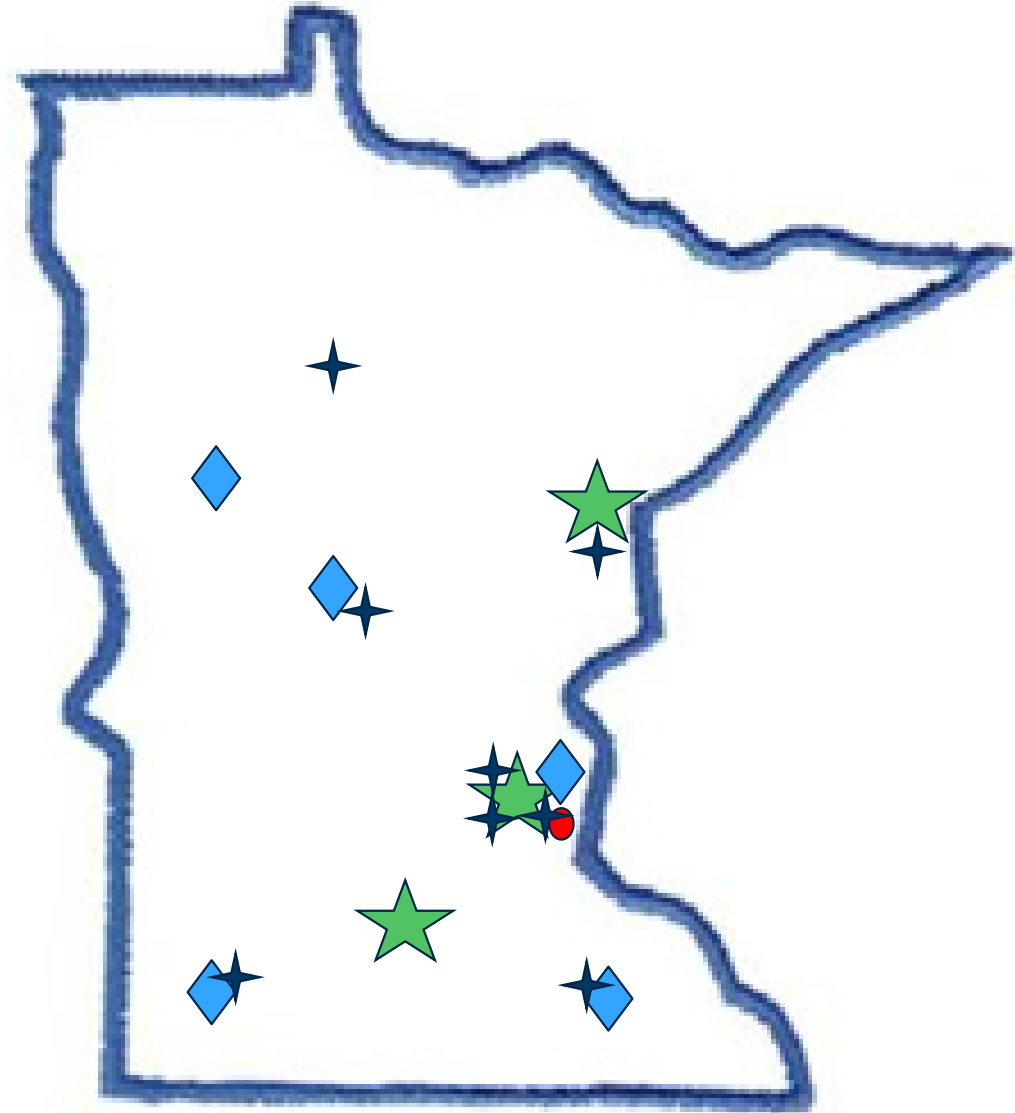
1. Take an old diesel vehicle/engine off the road and replace it with a new vehicle/engine
2. Electric vehicle (EV) charging stations

Goal is NOx clean up



# Outreach

- ★ Public meetings
- ◆ Remote access meetings
- Stakeholder meetings
- ✦ Previous public meetings



# What we heard: key themes

- Significant emissions reductions
- Include Greater Minnesota
- Cost effectiveness
- Consider different vehicle and equipment types
- Consider different fuel types
- Reduce exposures, support public health
- Protect vulnerable populations
- Maximize reductions for people disproportionately affected
- Reduce GHG emissions
- Support electric vehicles
- Long term future of the transportation system
- Measureable results



- Significant emissions reductions
- Statewide benefits (60/40)
- Help people disproportionately affected (40%)
- Reduce exposure, maximize health benefits
- Balance cost effectiveness with other goals

# Three funding phases

- Phase 1 (2018-2019): 25% (\$11.75 million)
- Phase 2 (2020-2023): 50% (\$23.5 million)
- Phase 3 (2024-2027): 25% (\$11.75 million)





# Phase 1 grant programs

- School buses: 20%
- Transit buses and trucks: 35%
- Off-road equipment: 15%
- Heavy-duty electric vehicles: 15%
- Electric vehicle charging stations: 15%

# Program: School bus replacement

- 20% of available funds
- \$2,350,000 overall
- \$10,000 grant (\$15,000 for low-income districts)
- Eligibility
  - All eligible school buses (approx. 5,800)
  - All eligible fuels
- Benefits
  - Approx. 182 buses
  - 40 tons NOx
  - 2.5 tons PM2.5
  - 800 tons GHGs



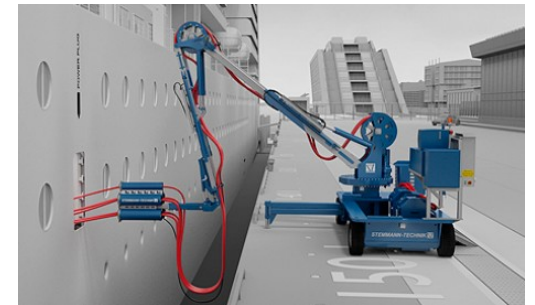
# Program: Heavy-duty on-road (trucks and transit buses)

- 35% of available funds
- \$4,112,500 overall
- Up to 25% or \$40,000 grant
- Eligibility
  - All eligible trucks and buses (approx. 46,000)
  - All eligible fuels
- Benefits
  - Approx. 137 trucks and transit buses
  - 564 tons NOx
  - 34 tons PM2.5
  - 17,584 tons GHGs



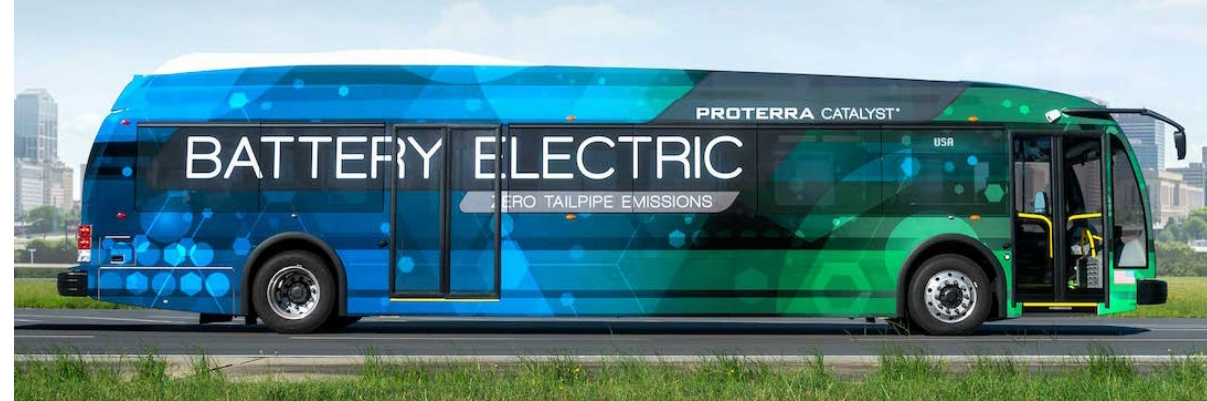
# Program: Heavy-duty off-road equipment (freight and construction)

- 15% of available funds
- \$1,762,500 overall
- Up to 25-75% grants based on settlement-allowed levels
- Eligibility
  - All eligible equipment (forklifts: electric only)
  - Construction equipment under DERA
- Benefits
  - Approx. 13 projects
  - 393 tons NOx
  - 15 tons PM2.5
  - 1,515 tons GHGs



# Program: Heavy-duty electric vehicle (buses, airports, trucks)

- 15% of available funds
- \$1,762,500 overall
- Up to 25% grant
- Eligibility
  - All eligible equipment
- Benefits
  - Approx. 26 heavy-duty projects
  - 33 tons NOx
  - 2.2 tons PM2.5
  - 9,075 tons GHGs



# Program: Electric vehicle charging stations

- 15% of available funds
- \$1,762,500 overall
- Up to 60-80% grant as allowed by the settlement
- Eligibility
  - 90% to fast charging highway corridors
  - 10% to level 2 at public locations, workplaces, and multi-unit dwellings
- Benefits
  - Approx. 63 projects
  - 1.1 tons NOx
  - 0.05 tons PM2.5
  - 4,802 tons GHGs



# Timeline

Public Input: Winter 2017-2018



Submit plan: Spring 2018



First requests for proposals: Summer 2018



Evaluate & select projects: Fall 2018



Late 2018: First round of grants awarded?

# Thank you!

**Amanda Jarrett Smith**

Program Co-coordinator

[amanda.smith@state.mn.us](mailto:amanda.smith@state.mn.us)

651.757.2486

[www.pca.state.mn.us/vw](http://www.pca.state.mn.us/vw)

National VW settlement clearinghouse: <http://vwclearinghouse.org/>