

# EV Infrastructure Funding and the Ohio VW Plan



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# Today

- VW Program Overview
- What's been done so far  
(Lessons Learned)
- What's ongoing and  
upcoming

In 2016, the United States and California sued Volkswagen and associated companies, alleging that VW installed **defeat devices** on certain vehicles (model years 2009-2016).

The devices activated during emissions testing to make vehicles appear compliant with the law, when in fact, during on-road operation, the vehicles emitted **nine to 40 times the allowable amount of nitrogen oxides (NOx)**, a harmful air pollutant.

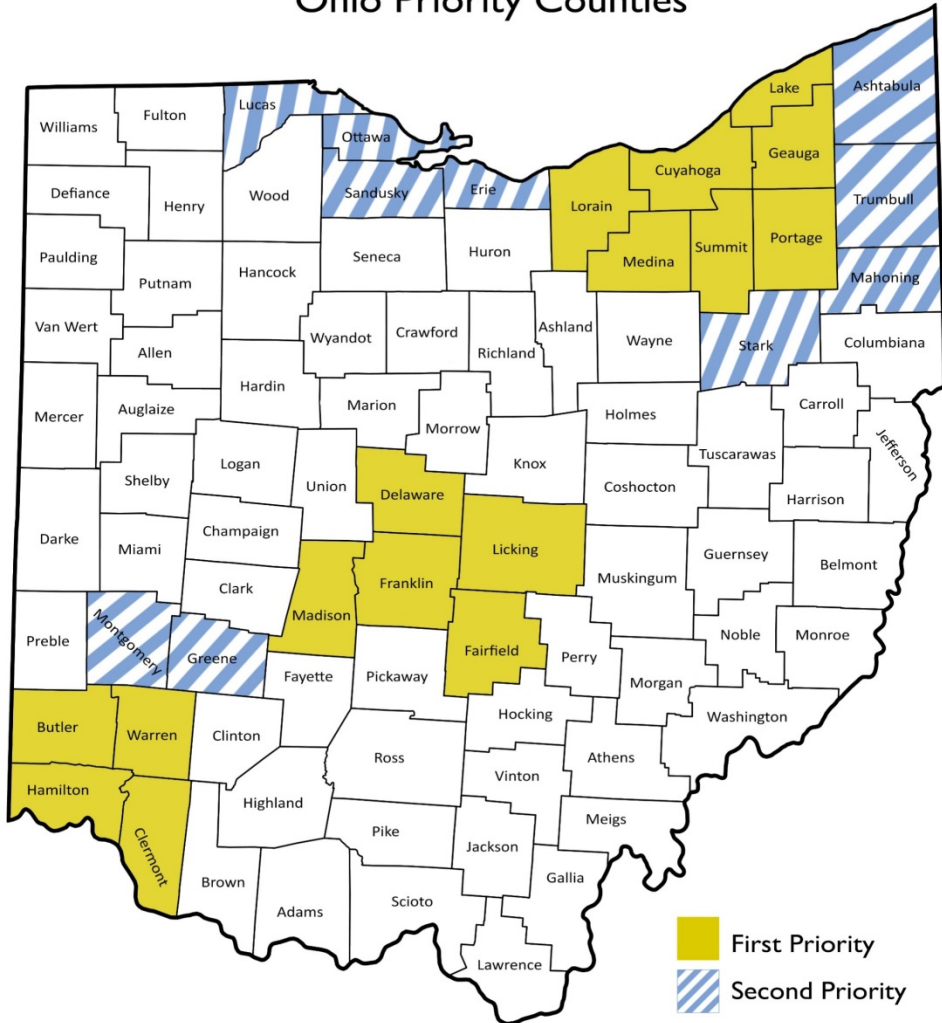




# \$14 Billion VW Settlement

- Overseen by The Wilmington Trust
- \$10 billion compensation to VW diesel vehicle owners (buyback, repair)
- \$2 billion to promote ZEV adoption via Electrify America, LLC
- **\$2.7 billion** to remediate environmental effects of excess NOx emissions across all 50 states, D.C., Puerto Rico and Tribes
- Ohio's share is **\$75 million**
- **26** eligible counties

# Diesel Mitigation Trust Fund Ohio Priority Counties



## Beneficiary Mitigation Plan



In re: Volkswagen “Clean Diesel” Marketing, Sales Practices, and Products Liability Litigation, MDL No. 2672 CRB (JSC)

Office of Environmental Education  
May 31, 2018

# Ohio VW Allocations

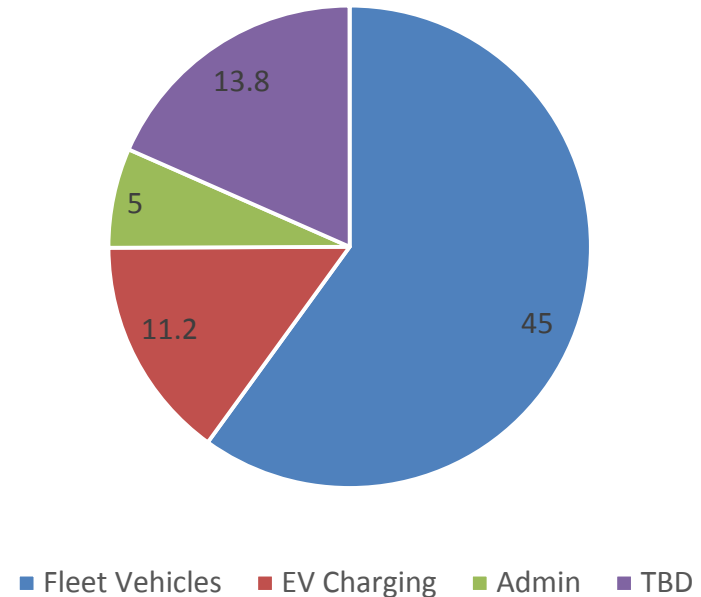
Fleet Vehicles: \$45M

EV Charging: \$11.25M

Admin: \$5M

TBD: \$13.75M

In \$ million



# Fleet Vehicles vs EV Charging

- Fleet Vehicles: Vehicles yes, infrastructure no
- EV Charging: Infrastructure yes, vehicles no
  
- Fleet Vehicles: School Bus, DERG, DERA, AFV
- EV Charging: Never done before
  
- Fleet Vehicles: Cost-effective \$/ton of NO<sub>x</sub>
- EV Charging: Supporting EV adoption

# Fleet Vehicles: RFA 1 (2018)

- \$15 million made available
  - \$5 million for school buses
  - \$5 million for transit buses
  - \$5 million other (trucks, airport GSE, Tugs)
- Received 113 applications for \$45 million



# Fleet Vehicles: RFA 1 (2018)

- Awarded \$15 million
- EV Highlights
  - Airport GSE (United Airlines \$1.9M/Kent State University \$50K)
  - COTA (\$1M for 5 all electric buses)
- Lessons Learned
  - Publics ranked lower (25% vs 75% match)
  - Better defer/do somethings ourselves (CARB, Salvage)
  - Large private fleets (post-award issues)

# Fleet Vehicles: RFA 2 (2019)

- Closed Friday, August 2, 2019
- \$15 million made available
  - \$5 million for school buses
  - \$5 million for transit buses
  - \$5 million other (trucks, airport GSE, Tugs)
- Received 50 applications for \$15.5 million
  - Open grant holders not eligible

# EV Charging so far ...

- 26 County Outreach (Dec 2018 – Feb 2019)
- DAS Invitation to Bid (ITB) for Multiple Award Contract (MAC) (Opening September 18, 2019, at 1PM)
  - All vendors submit pricing, credentials
  - Any public entity can use the contract
- Listen, Learn & Coordinate (ongoing)
  - Each state that issues EV RFP
  - Region 5 States & MCDI
  - NASEO/NACAA and AAPCA
  - Electrify America, AEP, DP&L and MPOs

# Ohio VW EV Timeline

- DAS Invitation to Bid (ITB) for Multiple Award Contract (MAC) (August 2019)
- EV RFP 1: Level 2? (Fall 2019)
- EV RFP 2: Regional DCFC? (Spring 2020)

# EV Charging: Some Big Questions (for us)

1. How to split funding between DCFC and Level 2?
2. Level 2: Grants vs. Rebates
3. Level 2 (First Round): How to help all counties
4. DCFC: Current Demand (50KW) vs Future Proofing (150KW)
5. DCFC & Level 2: Rate cap or not?

# EV Charging: What else is happening

1. DP&L EV Collaborative: \$1M
2. Proposed Midwest EV Corridor MOU (GPI/MN)
3. I-80 Illinois Argonne EV Study Proposal
4. I-70 – Columbus - ?? EV Study Proposal

(Due to FHWA Sept 9)

# Thanks!

