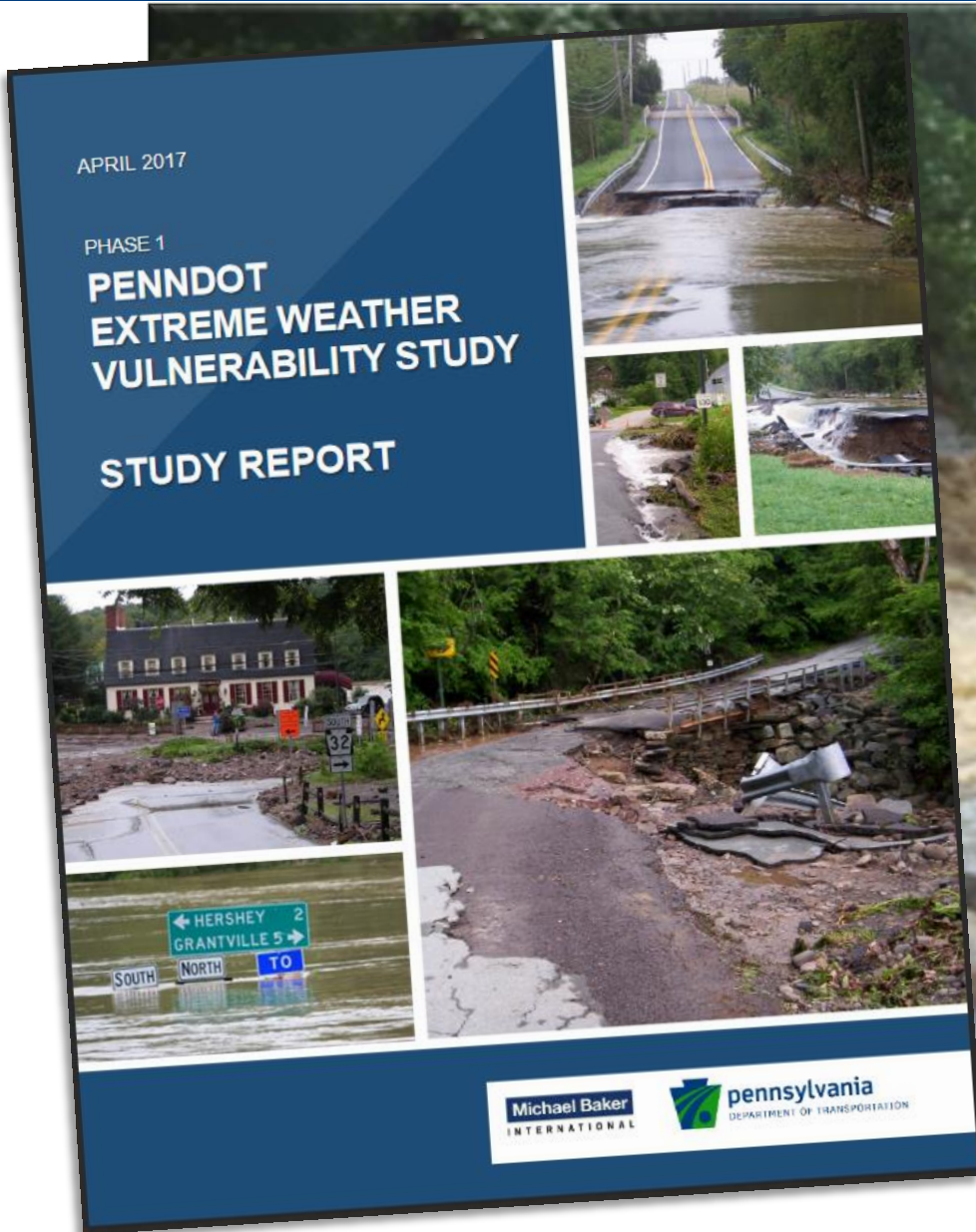


STATE OF THE STATE

NATASHA FACKLER & DAVID ALTHOFF

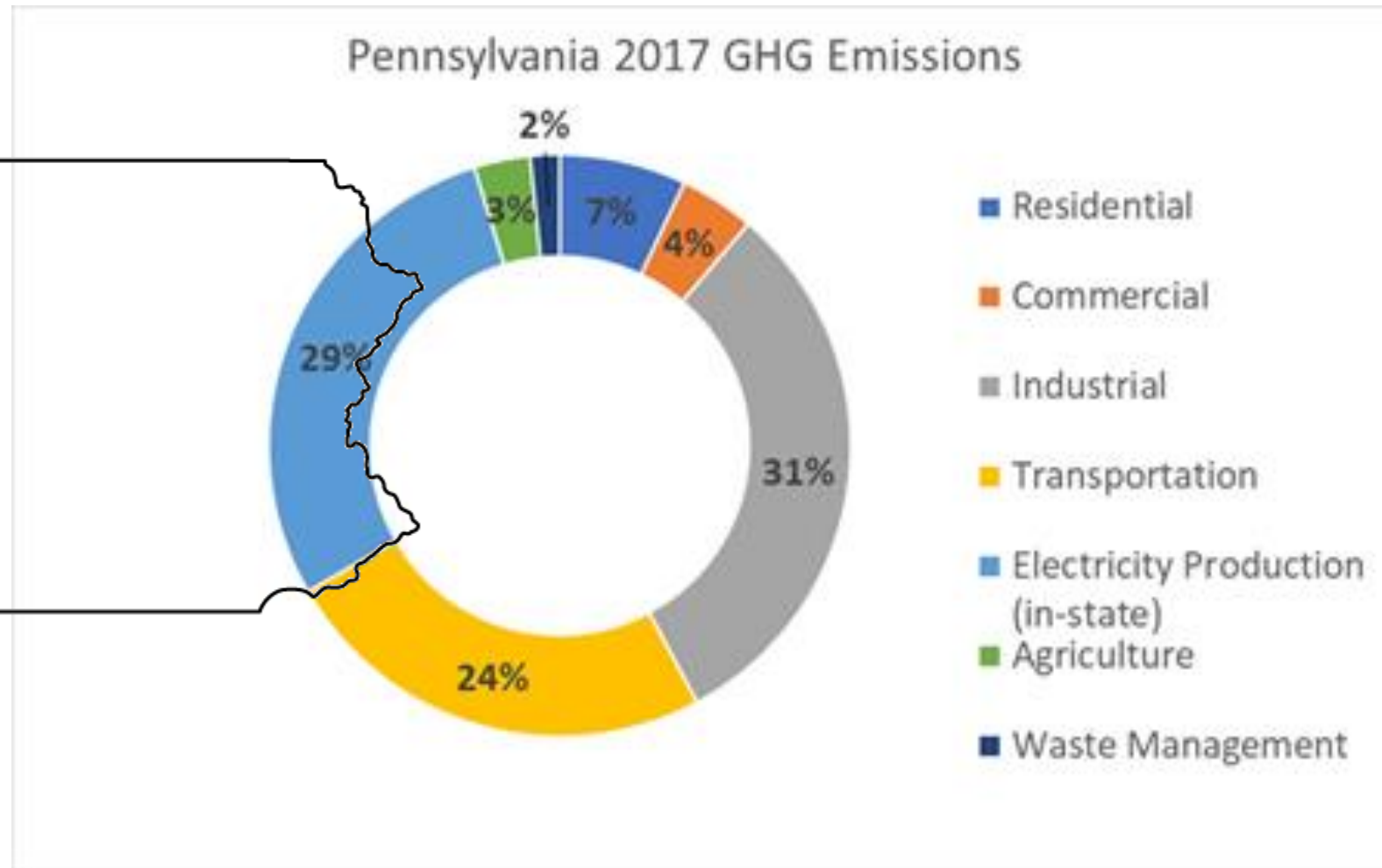


CLIMATE CHANGE AND TRANSPORTATION



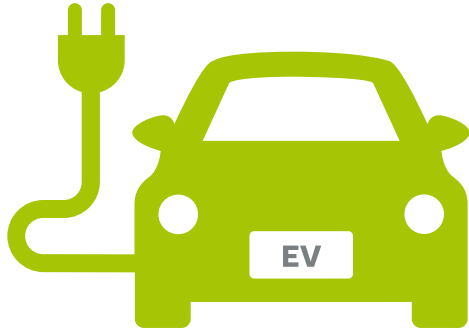
Flooding in South Central PA in 2018

CLIMATE CHANGE AND TRANSPORTATION

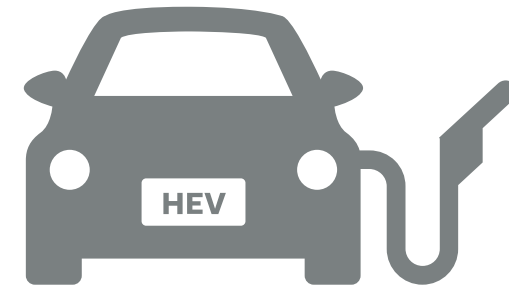


EV REGISTRATION

12,200+ Registered Electric Vehicles



37,000+ Registered Hybrid Vehicles



Source: PennDOT Bureau of Motor Vehicles, July 2020

● Level 2 or DCFC Charger

ALTERNATIVE FUELS CORRIDORS



PA ELECTRIC VEHICLE ROADMAP

- State of the EV market
- Barriers to EV adoption
- Scenario models
- 13 strategies to increase EV adoption including
 - Create a sales requirement
 - Increase incentives
 - Perform public outreach/education
 - Expand charging infrastructure
 - Implement EV electric rate designs





- Drive Electric PA Coalition is a stakeholder group interested in EV adoption
- Meets 3-4 times per year
- Helped create the EV Roadmap
- Performs events, such as the upcoming Drive Electric Week (September 28 – October 2) EV Webinar Series

INCENTIVE PROGRAMS

Alternative Fuels Incentive Grant Program



- Rebate for Individuals:
 - \$750 for new electric vehicles
 - \$500 for new/used plug-in hybrid and used electric vehicle
 - Additional \$1,000 for low-income
- Competitive Grants for Private Business Fleet Conversions
 - Fueling infrastructure
 - Incremental vehicle cost
 - Innovative technology
- Public Access DC Fast Charging
 - Up to 50% of project cost for stations along FAST Act Corridors



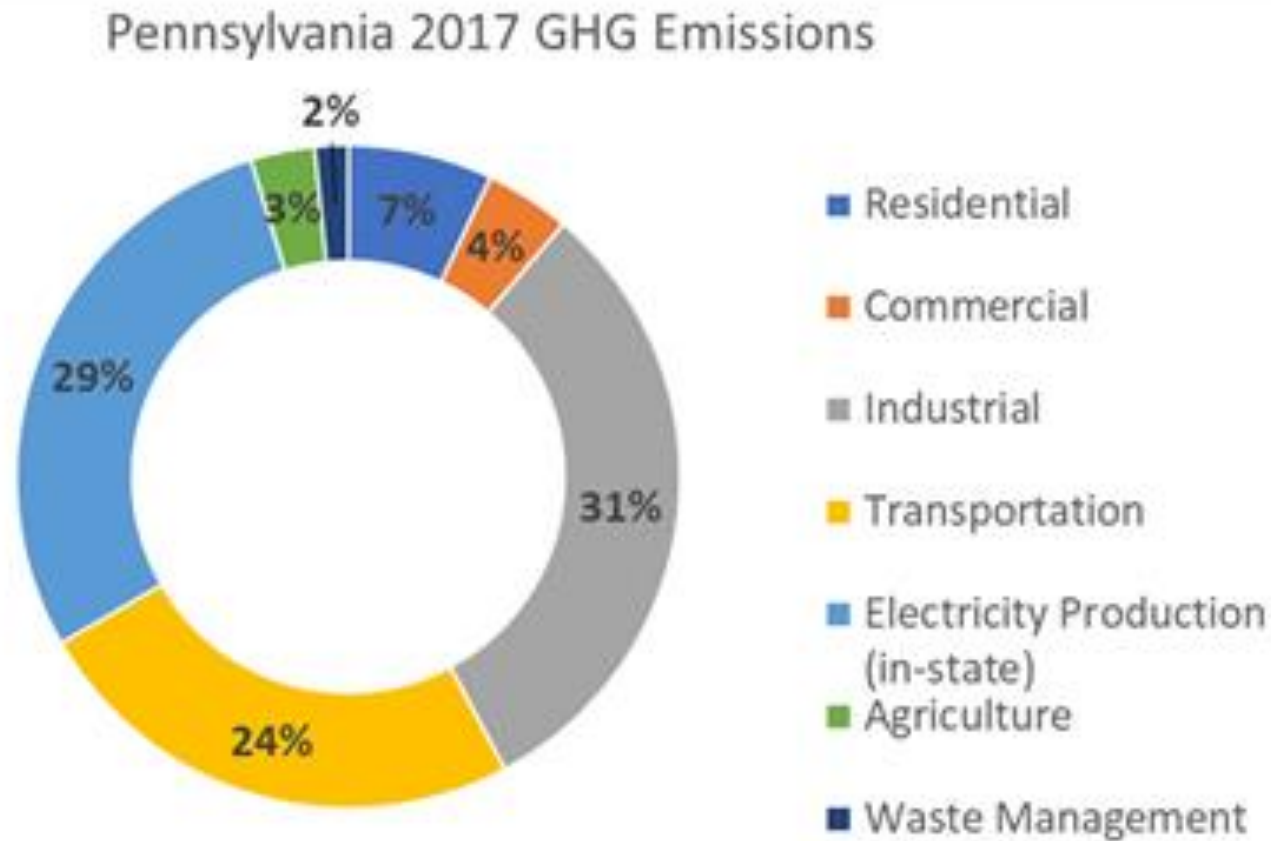
PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRIVING PA FORWARD

- Open to all organizations/businesses/govts
- Level 2 Rebate Program
 - Up to \$4,500 per plug for publicly available
 - Up to \$3,500 per plug for no/limited public access
 - Over 650 level plugs installed to date
 - Open until funds are depleted
- DC Fast Charging and Hydrogen Fueling Grant Program
 - Competitive grant program
 - Up to 70% or \$250,000 for DC Fast Charging
 - Currently open!



PA CLIMATE ACTION PLAN



- PA Climate Change Act (Act 70 of 2008) requires DEP to calculate greenhouse gas emissions
- The sectors in PA with the largest GHG emissions are **transportation**, industrial, and electricity production

THANK YOU!

Natasha Fackler
nfackler@pa.gov

Dave Althoff
dalthoff@pa.gov