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## Tim Shepherd

Deputy Program Manager, Maryland Department of the Environment

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### AREAS OF PROFESSIONAL FOCUS

- EVSE equipment and installation
  - MHD operations/industry
  - Electric vehicle technology
  - Project Management
  - State Procurement procedures
  - Technical Analysis
  - Contacts with Trucking Industry
  - Contacts with State Utilities
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### PROFESSIONAL SUMMARY

Over twenty years' experience developing and implementing programs designed to reduce emissions from the mobile sector in Maryland. This has included extensive work in zero emission vehicles programs, both regulatory and programmatically.

### YEARS OF EXPERIENCE 30

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### SIGNIFICANT EXPERIENCE

**Deputy Program Manager | Maryland Department of the Environment, Baltimore, MD**

**August 2023 - Present**

*Division Chief, August 2003 – February 2023; Section Head August 1996 – August 2003*

- Focus on the planning, implementation and oversight of projects and programs within the Mobile Sources Control Program that reduce emissions from the mobile sector.
  - Worked with other programs in the Department, State agencies, federal agencies, Maryland local government agencies, private businesses, Public Service Commission, consultants, and regional and multi-state organizations to implement innovative programs that encompass numerous stakeholders to produce coordinated efforts that contribute to the Department's goal of providing healthy air for Maryland citizens to breathe.
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**EDUCATION**      **MBA Finance**, Drexel University, Philadelphia, 1990  
**MBA International Business**, Drexel University, Philadelphia, 1990  
**BS Commerce and Engineering**, Drexel University, Philadelphia, 1989

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### AFFILIATIONS AND ADDITIONAL ROLES

**Ozone Transport Commission (OTC)**  
**Northeast States for Coordinated Air Use Management (NESCAUM)**  
**Maryland Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC)**

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### SELECTED PROJECTS

#### Maryland VW Settlement

Handled all aspects of Maryland's \$76 million dollar settlement with VW. Activities included developing implementation plans for projects, designing the grant program for these funds, review and selection, contract development, and all aspects of project management. Goal of the project was to offset projected excess NOx of VW defeat devices of approx. 600 to 1,400 tons. Program will exceed its goal and achieve NOx reductions of over 3,000 tons.

**Regional MHD ZEV MOU and Action Plan**

Represented Maryland on a Multi State ZEV Task Force to develop a MHD ZEV MOU in July 2020 that directed the Task Force to develop an Action Plan to recommend strategies to accelerate the deployment of electric trucks and buses with a focus on communities overburdened by higher levels of air pollution. The MOU also established goals to make at least 30 percent of new MHD vehicle sales ZEVs by 2030, and 100 percent of sales ZEVs by no later than 2050. To inform the development of the Action Plan, the ZEV Task Force directly engaged many public and private sector experts, partners, and stakeholders—including equity and environmental justice organizations, truck and bus manufacturers, industry and technology experts, charging and fueling providers, utility companies, public and private fleet representatives, commercial financing experts, and environmental advocates.

**Advanced Clean Truck**

Plan, direct, and coordinate the activities related to the statutorily required Advanced Clean Truck Program.

**Port of Baltimore**

Actively work with several state agencies to develop a Port Workgroup to research and implement projects that both reduce emissions at the Port while improving commerce. This work has included developing various zero emission projects for equipment such as dray trucks, marine vessels, cargo cranes and cargo handling equipment. To accomplish the goals of this program required successfully developing various grants, working with private industry, and actively working with various EJ communities surrounding the Port.