



DE Clean Cities Coalition - Stakeholder Meeting Notes

January 13, 2025, from 11 a.m. – 12:30 p.m.

Meeting Attendees			
Breanne Preisen	DNREC	Dave Detrick	Chesapeake Utilities
Susan Love	DNREC	Mike Petito	Chesapeake Utilities
Sabrina Shultz	DNREC	Shane Breakie	Chesapeake Utilities
Grace Hammond	DNREC	Dean Holden	Chesapeake Utilities
Pamela Keeney	DNREC	Kevin Thompson	DPL
Susana Aranda	DNREC	Joshua Cadoret	DPL
Charles Thomas	DeIDOT DTC	Dan Bent	OMB
Tricia Arndt	DeIDOT	Amy Reardon	DE Commute Solutions
Stephanie Johnson	DeIDOT	Kathleen Grier	DE Commute Solutions
Helen Wiles	Dover/Kent MPO	Bayard Hogans	Port of Wilmington
Lucas Zlock	DE Electric Co-op	Laurie Stoval	Port of Wilmington
Joe Myers	Sea Watch	Suzanne Sebastian	Energize DE
Scott Phillips	DE Electric Vehicle Assoc.	Kevin Coyle	Energize DE
Dick Johnson	BorgWarner	Marissa McClenton	Sierra Club DE

Key Discussions

Port of Wilmington Expansion

Presented by: Bayard Hogans, President of Enstructure Mid-Atlantic

- **Port of Wilmington Overview**
 - Enstructure took over Port Wilmington’s operation in August 2023.
 - Enstructure LLC is a privately-owned marine terminal and logistics infrastructure company.
 - Port Wilmington is a full-service, deepwater port and marine terminal that serves as a leading importer of forest products, automobiles, petroleum, fresh fruit, and other bulk products.
 - Enstructure operates 1.7M sq. ft. of existing warehouse capacity in Wilmington, with a combined footprint of >550 acres.
- **Port Delaware: One Port, Two Terminals**
 - Port Delaware will include the existing Port of Wilmington and expand to include new development in Edgemoor, DE, the Delaware Container Terminal (DCT).
- **Delaware Container Terminal Opportunity Overview**
 - DCT will sit on a ~130-acre brownfield site located ~3 miles upriver from the existing port in Edgemoor, DE, with connectivity to major interstates and Class-1 rail.
 - Local, state, and federal permits are fully approved for a shovel-ready container terminal, with design plans underway for site that can serve 16,000 vessels.
 - State of Delaware has committed \$35M in public funding to date and will contribute \$250M in total funding over the life of the project.
- **Clean Ports Grant and Electrification**

- Port Delaware, through its partnership with the Diamond State Port Corporation (DSPC), has secured \$127M in EPA Clean Port Grant funds to:
 - Electrify container handling operations at Port Wilmington
 - Support the procurement of electric container handling equipment for future DCT
- **Enstructure Joins Green Marine**
 - Green Marine is the leading voluntary environmental certification program for North America's maritime industry - Enstructure joined in 2024.
 - The rigorous certification process independently verifies results and will make each participant's performance publicly available annually. To obtain certification, Enstructure will benchmark its performance for issues such as:
 - GHG emissions
 - Spill prevention, stormwater management, and waste management.
 - Community engagement

Port of Wilmington: Questions & Answers

- 1. Has Enstructure considered propane-fueled vehicles?**
 - a. Yes.
- 2. If all transportation were electrified, the number of ships and their associated emissions would drop significantly, as fewer oil tankers would be necessary. Does the port consider this a benefit?**
 - a. Port Delaware does not deal with oil container ships, so this figure does not pertain to operations.
- 3. What are the plans to ensure that Port DE has electric capacity to support electrified equipment/machinery/vehicles?**
 - a. The implementation of microgrids with battery energy storage, wind, solar, renewables, etc., are all under consideration.
- 4. How did the collapse of Baltimore's Key Bridge impact operations?**
 - a. The bridge collapse temporarily shifted customers of Baltimore's port to the Port of Wilmington. Many companies have returned to Baltimore, but several have also chosen to change their contracts to the Port of Wilmington.
- 5. The ISO 14000 Environmental Management program has training and operations requirements that need to be met to maintain certification. Is the Green Marine program similar?**
 - a. The certification involves benchmarking environmental performance and ensuring the right policies are in place to achieve goals. Enstructure will be scored and certified if the Green Marine standards are met.
- 6. What can Port Delaware do and what can Clean Cities do to facilitate the electrification of vehicles inside and outside of port boundaries?**
 - a. Port is shifting drayage trucks to EPA Tier 4 trucks (reduce harmful emissions by ~85-90%) and EPA Tier 5 trucks (zero-emission vehicles) using DERA funding. There is currently a concern about the lack of ZEV truck parking for extended charging sessions.
- 7. Is the Port concerned with the risk of IRA funding disappearing under President Trump?**
 - a. No, the funding received by the Port under the IRA is already being executed.
- 8. What are Port Delaware's workforce development plans?**
 - a. There is a need to partner with educational institutions, as they are critical to preparing the workforce for green jobs. Hoping to host a Delaware-based Supply Chain Job Fair in 2025.

Program Activities for 2025

- **Educational Opportunity: The Messy Middle Bootcamp**

- Beginning February 2025, the North American Council for Freight Efficiency (NACFE) will conduct a 13-session virtual bootcamp, focusing on fueling the trucking industry during “the messy middle”: a time between now and when the industry gets to full zero-emission movement of freight.
- Sessions will focus on diesel and natural gas vehicles, battery electric vehicles, and hydrogen fuel cell vehicles.
- To register for the Messy Middle Bootcamp series, click [here](#).
- To learn more about NACFE and the Messy Middle, click the link below:
<https://nacfe.org/research/thought-leadership/the-messy-middle/>
- **DNREC Workforce Development Assessment**
 - Requirement of Climate Pollution Reduction Grant (CPRG) to conduct a workforce development assessment.
 - The Clean Energy and Climate-related Jobs Workforce Development Assessment is being completed by BW Research Partnership.
 - The assessment will evaluate current and future needs of energy and climate-related job sectors in Delaware, including identifying skill gaps, training requirements, and development strategies.
 - The final report was received by DNREC on January 10, 2025. A virtual presentation will be prepared by February 2025 to share the final report findings.
- **In the Works**
 - DE Clean Cities is planning to host a webinar with Chesapeake Utilities in Spring 2025, with a focus on introducing idle mitigation and alternative fuel technologies to return-to-base fleets.
 - The webinar will be used to gauge interest in a larger in-person event.
- **Usage of Clean Cities Funds**
 - Will sponsor events starting with DRBA’s World Environment Day, held in May 2025.
 - Will conduct a fleet needs assessment to provide a comprehensive overview of fleets in Delaware and the opportunities and challenges they face in transitioning to cleaner fuel technologies.
 - This report will build upon a similar assessment that was completed for DE Clean Cities in 2020.
 - Will attend other events in the state to better engage with non-fleet organizations and the public. Ex: State Fair.

Clean Cities and Communities Business for 2025

- **2025-2026 Cooperative Agreement**
 - Changes for the Grant Year:
 - Slight increase in funding from \$55k to \$60k
 - Higher expectations for coalition activity efforts
- **Project Management Plan**
 - Required to be updated annually as part of Cooperative Agreement.
 - Draft due January 17, 2025. The final is due in May 2025. DE Clean Cities will be seeking feedback on plan.
- **Strategic Plan Update**
 - Though the Strategic Plan is a multi-year planning document, it must be updated annually. This document is not submitted to the DOE, unless otherwise requested.
 - The Project Management Plan drives the changes to the Strategic Plan.

- DE Clean Cities may convene an in-person meeting of stakeholders to discuss strategic planning (lunch provided).
- **Annual Report**
 - The annual report is due April 15, 2025.
 - We need your help! Be on the lookout for a solicitation email in the beginning of February 2025 as we seek the following information from our stakeholders:
 - On road/off-road alternative fuel vehicles (fuel type, usage or milage, how many)
 - Infrastructure
 - Stakeholder engagements – phone calls from potential fleets, outreach events promoting your programs or services, etc.
 - VMTs/Fuel economy
 - DOE is working to establish a quarterly report process that will be used to provide information for future annual reports.

Roundtable Discussion - Stakeholder Updates

Dover/Kent MPO	<ul style="list-style-type: none"> ● Email Helen.Wiles@doverkentmpo.org to get involved with the Delaware Air Quality Partnership. ● Kent County is creating the Safe Streets for All Action Plan.
DNREC Air Quality	<ul style="list-style-type: none"> ● Most recent DE GHG Inventory Report is near completion. ● A DERA VW funding recipient has canceled their participation. Susana.Aranda@delaware.gov is looking for a partner to show interest and move forward with the funding opportunity.
DeIDOT Division of Resilience	<ul style="list-style-type: none"> ● Will use a low carbon materials grant to get a baseline of GHG emissions from construction materials such as asphalt and establish environmental product declarations. ● Working on the CPRG funded Clean Corridor Coalition with several Northeastern states to deploy medium- and heavy-duty vehicle charging along the I-95 corridor. ● Continuing to work on the deployment of DCFC stations funded under NEVI
Energize DE	<ul style="list-style-type: none"> ● Gave e-bikes to first responders. ● Gave fire blankets to all fire departments and to all 3 fire schools. These blankets can put out fires on all kinds of vehicles. ● Expanding EV charging at the Energize DE office on Loockerman St. in Dover, DE. Will be installing a solar PV panel microgrid that will power 4 charging stations.
Chesapeake Utilities/Sharp	<ul style="list-style-type: none"> ● Interest in RNG development on the DMV peninsula ● Increased alternative fuel vehicles in fleets. ● Restructured – Chesapeake and Sharp are under one department.
Delmarva	<ul style="list-style-type: none"> ● Has recently reenergized conversations about projects in DE.
DE Electric Coop	<ul style="list-style-type: none"> ● Has application out for 40101D Grant under BIL to install battery storage at a substation in Georgetown, DE. The battery would allow for more solar power in the area. ● In the process of developing a 4MW solar array in Felton, DE to be used for community solar. area for community solar.
Sea Watch	<ul style="list-style-type: none"> ● Inventorying of Scope 1, 2 and 3 emissions. Looking to replace an older vehicle with alternative fuel vehicle if it is economically viable.

Sierra Club DE	<ul style="list-style-type: none"> • Transit Equity Day – February 4th – working with partners to get something up and running for that. • Working with dealers on EV education – early phases of planning. Hoping to host event at DelTech Campus.
OMB	<ul style="list-style-type: none"> • Working to energize 100 new charging stations at 5 locations throughout the state to deploy fleet of Toyota BZ4X vehicles. • Adding Chevrolet Silverado EVs to the fleet – already being deployed.
DE Transit Corp	<ul style="list-style-type: none"> • In midst of installing 5 more en route chargers, 4 in NCC and 1 in Kent. Will be adding hydrogen buses in 2026 – will be fueling with portable fueling stations.
Delaware Commute Solutions	<ul style="list-style-type: none"> • Reporting more closely with customer experience team. Hosting once a quarter informational series.
DNREC CCE	<ul style="list-style-type: none"> • Updating the Climate Action Plan for 2025. Planning to host a series of public information sessions in the Spring – dates TBD. In meantime, if you or a group that you work with would like a presentation of the CAP, please reach out to Susan.Love@delaware.gov.

Reminders

- The next quarterly meeting will be on **April 14, 2025, in-person (lunch included)**. Details will follow. Suggestions accepted for locations.