

MULTI-STATE MEDIUM- AND HEAVY-DUTY ZERO-EMISSION VEHICLE ACTION PLAN DEVELOPMENT PROCESS – JULY 2020 to JULY 2022

Announced in July 2020, the [Multi-State Medium- and Heavy-Duty Zero-Emission Vehicle Memorandum of Understanding](#) (MOU) commits 17 states, the District of Columbia, and the Canadian province of Quebec (hereafter, “states”) to work together to foster a self-sustaining market for zero-emission trucks, vans, and buses. The MOU establishes goals to make at least 30 percent of new medium- and heavy-duty (MHD) vehicle sales zero-emission vehicles (ZEVs) by 2030, and 100 percent of sales ZEVs by no later than 2050.

The MOU directed the Multi-State ZEV Task Force to develop a [Multi-State Medium- and Heavy-Duty Zero-Emission Vehicle Action Plan](#) to recommend policy options to support the rapid, equitable, and widespread electrification of MHD vehicles. The Northeast States for Coordinated Air Use Management (NESCAUM), the regional association of air quality agencies in the six New England states, New Jersey, and New York, works with states across the country on transportation electrification policy and facilitates the ZEV Task Force.

To inform the development of the *Action Plan*, NESCAUM and the Task Force engaged directly with 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, environmental advocates, and others.

Equity and Environmental Justice Engagement

Recognizing the disproportionate impacts of emissions from MHD vehicles on frontline and overburdened communities, the Task Force endeavored to develop an *Action Plan* that delivers early and meaningful benefits to these communities. NESCAUM and the Task Force engaged directly with national equity and environmental justice organizations and organizations based in the MOU states to encourage early and ongoing collaboration in the *Action Plan* development process.

July to August 2020 – Initial outreach to national and regional organizations. Following the release of the MOU, NESCAUM and the Task Force undertook outreach to nationally recognized equity, environmental justice, and labor organizations to provide background on the MHD ZEV initiative and invite feedback on the development of an action plan.

November 2020 to March 2021 – Initial outreach to MOU state equity and environmental justice organizations. The Task Force identified 17 leading equity and environmental justice organizations in the MOU states and conducted an initial round of targeted outreach.

April to November 2021 – Development of proposed equity principles and recommendations. With assistance from the Better World Group, the Task Force engaged with the Moving Forward Network’s Zero-Emission Truck Working Group, which developed a set of proposed [recommendations](#) for the Task Force. The Working Group also presented its recommendations

to the Task Force on a webinar and provided additional input in response to follow-up questions from the Task Force.

November 2021 to February 2022 – Solicitation of early feedback on preliminary draft Action Plan and additional engagement. The Task Force prepared a preliminary draft *Action Plan* informed by the input and engagement described above. Prior to releasing a draft for public comment, the Task Force requested early feedback on the preliminary draft from national and state-based equity and environmental justice organizations. Several organizations presented to the Task Force on a webinar titled “Prioritizing Transportation Policy for Health and Equity.”

March to May 2022 – Public comments on draft Action Plan. The Task Force released a draft *Action Plan* for public comment on March 10, 2022. Several equity, environmental justice, and labor organizations and coalitions submitted written comments on the public comment draft. See *Public Comments on Draft Action Plan* below. These comments are available [here](#).

Stakeholder Advisory Group

October 2020 to February 2022 – Early in the development process, the Task Force established a Stakeholder Advisory Group comprised of representatives from key stakeholder groups with interest or expertise in truck and bus electrification issues to serve as a resource to the Task Force. The participants included equity and environmental justice advocates, MHD vehicle manufacturers, charging and fueling infrastructure providers, public and private sector fleet representatives, environmental advocates, and other experts. NESCAUM and the Task Force engaged with the group’s individual members throughout the development process and received feedback on preliminary drafts.

MHD ZEV Action Plan Informational Webinar Series

October 2020 to December 2021 – NESCAUM and the Task Force engaged with a broad range of partners and stakeholders to develop a series of informational webinars to build knowledge and understanding of the MHD vehicle market and the barriers to widespread fleet electrification. These webinars are listed below and recordings of most are available [here](#).

Date	Informational Webinar
October 1, 2020	Regulatory Tools to Accelerate MHD ZEV Adoption
October 29, 2020	Understanding the Truck Market
November 24, 2020	Early Experiences in Truck Electrification: A Panel Discussion with Commercial and Public Sector Fleets
December 17, 2020	Transit and School Bus Electrification: Getting to Scale
January 7, 2021	Role of Utilities in Accelerating MHD Vehicle Electrification – Part 1 (overview)
January 21, 2021	Role of Utilities in Accelerating MHD Vehicle Electrification – Part 2 (utility panel)
April 1, 2021	Innovative Financing to Accelerate Truck and Bus Electrification
December 9, 2021	Prioritizing Transportation Policy for Health and Equity

Public Utility Stakeholder Engagement

January to August 2021 – M.J. Bradley & Associates facilitated an engagement process with public utilities from across the MOU states to develop [recommendations](#) to help inform the *Action Plan's* recommendations for utilities and utility regulators.

Public Comments on Draft Action Plan

December 2020 to May 2022 – NESCAUM created an online input portal to facilitate public and stakeholder engagement in the development process and received several submissions in 2020 and 2021. On March 10, 2022, the Task Force released a draft *Action Plan* for public comment. The Task Force received nearly 40 additional sets of comments on the public comment draft. Public comments are available [here](#).

Individual Partner and Stakeholder Engagement

July 2020 to July 2022 – In addition to the activities described above, NESCAUM and the Task Force iteratively engaged one-on-one with many partners and stakeholders, too numerous to list here, to develop and refine the *Action Plan's* recommendations.

Task Force Role in Action Plan Development

July 2020 to July 2022 – The Task Force evaluated the input received from experts, partners, stakeholders, and others over the course of the two-year *Action Plan* development process and worked closely with one another and NESCAUM to develop the recommendations included in the final [Multi-State Medium- and Heavy-Duty Zero-Emission Vehicle Action Plan](#). Task Force participants also engaged with constituencies in their states, and with staff from other state agencies, to inform the development of the *Action Plan*.