



CARBON REDUCTION STRATEGY (CRS) UPDATE

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TPB Technical Committee - Agenda Item 4

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Carbon Reduction Strategy

DRAFT September 2023

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MDOT
MARYLAND DEPARTMENT
OF TRANSPORTATION

MARYLAND CARBON REDUCTION

- Maryland has a long history of highly successful carbon reduction programs.
- Several major greenhouse gas emission reduction plans are currently being prepared.
- The CRS, due in November, does not establish new strategies, instead it documents existing strategies already published.
- Maryland is developing a plan to implement the Climate Solutions Now Act (CSNA), due in December 2023.
- MDOT is also updating the Maryland Transportation Plan (MTP), due in January 2024.
- MDOT will revisit and update the CRS following the adoption of these plans.

Year Established	Legislation	Baseline Emissions Year	Target Reduction	Target Date
2009	GHG Emissions Reduction Act	2006	25%	2020*
2016	GHG Emissions Reduction Act Reauthorization	2006	40%	2030
2022	CSNA	2006	60%	2031
		N/A	Net-zero	2045

*Achieved



CRS Table of Contents

Executive Summary

1. Introduction
2. Policy and Programs
3. Transportation Planning and Programming Alignment
4. Ongoing Carbon Reduction Strategies
5. Framework for Optimizing CRP Investments

Appendix A: CRS Alignment with Federal Requirements

Appendix B: Stakeholder Coordination Summary

Appendix C: Acronyms

Carbon Reduction Strategy Timeline



Appendix A: Meeting Federal Requirements

Requirement	Progress
Support efforts to reduce transportation emissions	<ul style="list-style-type: none">• CRS outlines a framework for optimizing MDOT CRP investments
Support the reduction of transportation emissions of the State	<ul style="list-style-type: none">• CRS outlines planned funding allocations across geographic regions of the state
Prepare CRS in consultation with MPOs	<ul style="list-style-type: none">• Initial MPO meetings held in Fall 2022• MPO coordination ongoing• MPOs invited to review draft CRS work products and provide feedback
Identify projects and strategies to reduce transportation emissions	<ul style="list-style-type: none">• CRS outlines ongoing strategies to reduce transportation emissions• CRS outlines an approach to prioritizing projects to receive funding
Be appropriate to population density and context of the state	<ul style="list-style-type: none">• CRS outlines planned funding allocations consistent with CRP requirements
Develop CRS no later than 2 years after enactment of BIL	<ul style="list-style-type: none">• CRS to be submitted to USDOT by November 15, 2023
Update CRS a minimum of once every 4 years	<ul style="list-style-type: none">• Next update required by November 15, 2027

NEXT STEPS



Finalize and submit CRS to USDOT by November 15.



Regular coordination with MPOs, local government, and within MDOT.



Improve GHG emission reduction project identification and selection process.



Working with the MPOs, update the CRS following adoption of statewide GHG reduction planning efforts.

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