Climate Focused Funding Application Resource & Guidance Document

This document provides guidance, identifies resources, and directs you to recommended tools to support the submission of your application for the [MDOT Climate Focused Funding Opportunity](). The Resource Guide follows the overall structure of the application but does not provide details for every single question. If you have questions about something not covered in this document, please contact Allison Breitenother, [abreitenother@mdot.maryland.gov]() for support.

To discuss project ideas, or ask questions about the program please contact Shawn Kiernan, [skiernan@mdot.maryland.gov]().

PROJECT COMPONENTS

Question from application: *Project Point of Contact*

- The primary point of contact should be someone familiar with the project, who can provide additional explanation, or engage in discussions on the scope if necessary. In some instances, this may be the individual submitting the application, but it does not need to be. It is up to the applicant's discretion to identify who is the best project specific point of contact.

Question from application: Does the project manager have prior experience with federal-aid funded projects, the federal procurement process and federal regulations?

- This question is intended to help reviewers understand if the applicant has experience with federal-aid funded projects to help determine if additional assistance may be required if the proposed project is selected. Not having previous experience will not disqualify an applicant.

Question from application: *Please upload an estimate for the cost of your project. Be sure your upload includes cash-flows for all years you are requesting funding, and any match available.*

- In the OneStop application please insert your overall project cost in the box provided and upload an estimate for the cost of your project. Uploads could be PDF, Excel Files, Word, etc.

Question from application: *Project Readiness: Upload your completed "Project Readiness" Form and any relevant permit documentation. In the box below, you may provide any additional or key details relating to your projects readiness for obligation.*

- Once you complete the Project Readiness checklist linked below (and on the Climate Focused Funding Portal webpage), upload the document and any additional relevant documents (ex: permits) into the upload section of your application. You can combine the files into one upload, or upload multiple files.
  - [Project Readiness Checklist]()

Question from Application: *Is your project located in an identified vulnerable area (e.g. CS_CRAB, Community Flood Risk Area, Slope Failure Location, etc.)?*

- Below you will find a list of resources that can support the evaluation of your project site for vulnerability. You may use one, all, or any other tool identified by your project team. Please indicate in your OneStop Application response which tool(s) you used for the site evaluation.
    - SHA Climate Change Vulnerability Viewer (CCVV) - https://www.arcgis.com/apps/webappviewer/index.html?id=86b5933d2d3e45ee8b9d8a5f03a7030c
    - Coast Smart – Climate Ready Action Boundary (CRAB) - https://mdfloodmaps.net/CRAB/
    - Community Flood Risk Area - https://data.imap.maryland.gov/datasets/maryland::maryland-coastal-resiliency-assessment-community-flood-risk-areas/explore?location=38.783909%2C-76.158150%2C9.55

EMISSIONS REDUCTION COMPONENTS

Question from application: Select all project components present in your proposed project.

- Select the relevant project components that are eligible activities under the Carbon Reduction Program guidance. You may select more than one. For each selected, provide an explanation of how the eligible project component explanation is included in your project and how implementation is expected to reduce emissions or contribute to decarbonization.

Question from application: *Upload estimated emissions reduction and assumptions documentation.*

- Based on the project category that best fits the type of your project please use one of the tools provided in the following table to estimate the greenhouse gas emissions benefit from the implementation of your project. Once complete, upload the report as well as the assumptions used into your OneStop application. While the submittal of an estimate of carbon reduction anticipated from your project is not required, it is highly encouraged.

Project Category	Tool
Adaptive Traffic Control Systems (ATCS), Alternative Fuel Vehicles and Infrastructure, Bicycle-Pedestrian and Shared Micro-mobility, Carpooling and Vanpooling, Congestion Reduction and Traffic Flow Improvements, Construction and Intermodal Equipment, Diesel Idle Reduction Strategies, Diesel Truck and Engine Retrofit & Replacement, Dust Mitigation, Electronic Open-Road Tolling, Electric Vehicles and EV Charging Infrastructure, Freight Modal Shift, Locomotive & Marine Engine Retrofit and Replacement Tool, Managed Lanes, Telework Tool, Travel Advisories	CMAQ Emissions Calculator Toolkit - https://www.fhwa.dot.gov/environment/air_quality/cmaq/toolkit/
Transit Construction, Operation, and Maintenance Projects	FTA Transit Greenhouse Gas Emissions Estimation v3.0 - https://www.transit.dot.gov/regulations-and-guidance/environmental-programs/ftas-transit-greenhouse-gas-emissions-estimator

Sustainable Pavements and Construction Materials	LCA Pave Tool - https://www.fhwa.dot.gov/pavement/lcatool/

RESILIENCE COMPONENTS

This section includes questions pertaining to any potential resilience considerations or components of your project. All questions are optional but encouraged. MDOT seeks to understand projects in their entirety and ensure identification of any potential co-benefits provided by the projects.

Question from Application: *Please indicate which hazards have been identified that may impact the safety, functionality, and resilience of existing infrastructure/assets, check all that apply*

- Select the types of hazards that are associated with your project. You may select as many as are applicable.

Question from Application: *Is there any critical infrastructure included in the scope of this project?*

- Select yes, if your project has assets included in the 7 MDOT critical asset classes (defined in the 2019 SAMP), or is defined by your agency/organization as critical to your mission, please identify the assets and provide a brief explanation. This information will not be used to exclude projects that include or don't include critical infrastructure but provides improved understanding of the holistic impact of your project.

Question from Application: *Will this project help meet the identified resilience targets in the long-range transportation plan (LRTP) or other agency plan?*

- Indicate if your project helps to address or advance identified resilience goals or targets identified in the LRTP where the project would be located.

Question from Application: *What is the anticipated design life for your project?*

- Select the appropriate design life for the proposed project. This information informs what resilience or adaptation efforts may be necessary to mitigate future risk.