

Congestion Mitigation/Air Quality Program (CMAQ)

FUNDING OPPORTUNITIES TO REDUCE DIESEL EMISSIONS

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Reasons to Reduce Emissions

- Mitigate construction emissions
- Meet sustainability goals
- Transportation/air quality conformity
- Long term cost benefit
- Public health benefit



CMAQ

- Legal Basis: Highway Authorization Bills
 - ISTE/TEA-21/SAFETEA-LU/MAP-21
- Key Requirements
 - Complete proposal for all projects
 - Project on conforming TIP and Plan
 - NEPA process
 - Quantified and documented emissions benefit

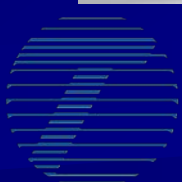


Eligible Project Examples

- Purchase Hybrid Buses



- Purchase of Alternate Fuel Vehicles



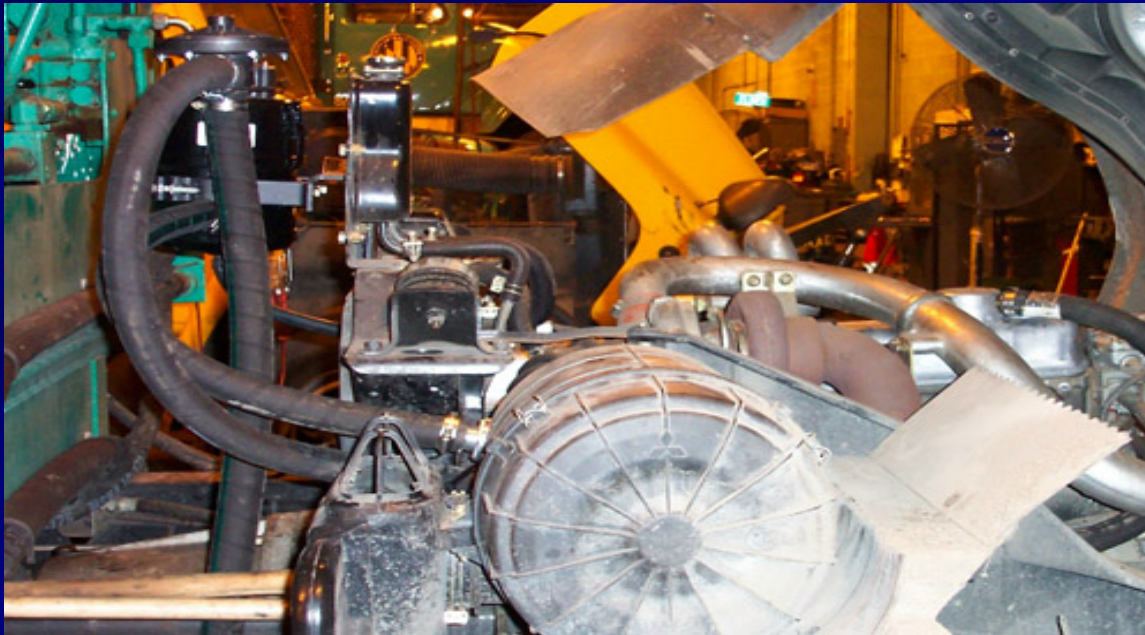
Eligible Project Examples

- Hybrid Rail Switchers
- Anti-Idling Programs
- Truck Stop Electrification



Eligible Project Examples

- Diesel Retrofits



Helpful Tips

- Have a complete “Business Plan” for the project
- Document current and future vehicle activity cycle(s)
- Get correct emissions verification information from vendor/manufacturer
- Know the MPO CMAQ proposal solicitation cycle and process



Process

- Follow MPO procedure and apply for funding
- Competitive Process at MPO level
 - NYMTC MHS TCC (NYSDOT Region 8)
 - NYMTC N/S TCC (NYSDOT Region 10)
 - NYMTC NYC TCC (NYSDOT Region 11)
 - OCTC (NYSDOT Region 8)
- Project on TIP and RTP



CMAQ Completeness Determination

- Needed to obligate funds in NYS
 - Title, PIN, Project Description
 - Well defined project scope and schedule
 - Funding analysis (TPC and CMAQ amount)
 - Estimated emission benefits
 - Supporting calculations, assumptions, and documentation
 - Include all references, e.g. EPA verified technologies list, MOVES, NONROAD, AP-42



Resources

- FHWA Guidance

- http://www.fhwa.dot.gov/ENVIRonment/air_quality/cmaq/policy_and_guidance/cmaq08gm.cfm

- NYSDOT Guidance

- https://www.dot.ny.gov/portal/page/portal/ver-1/divisions/engineering/environmental-analysis/manuals-and-guidance/epm/repository/4_4_16_3CMAQ.pdf

- EPA verified technologies list

- <http://epa.gov/cleandiesel/verification/verif-list.htm>

- Fleet managers experience



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Questions ?

