



# The Congestion Mitigation and Air Quality Improvement (CMAQ) Program

## NASEO Energy Policy Outlook Conference

February 4, 2015

**MAP-21**

Moving Ahead for Progress in the 21<sup>st</sup> Century Act



U.S. Department of Transportation  
Federal Highway Administration



# CMAQ & Title 23: *What and why?*

Section 149: *The CMAQ program is established for transportation projects that contribute to the attainment or maintenance of the national ambient air quality standards for ozone, carbon monoxide, or particulate matter.*





# Interim Program Guidance under MAP-21

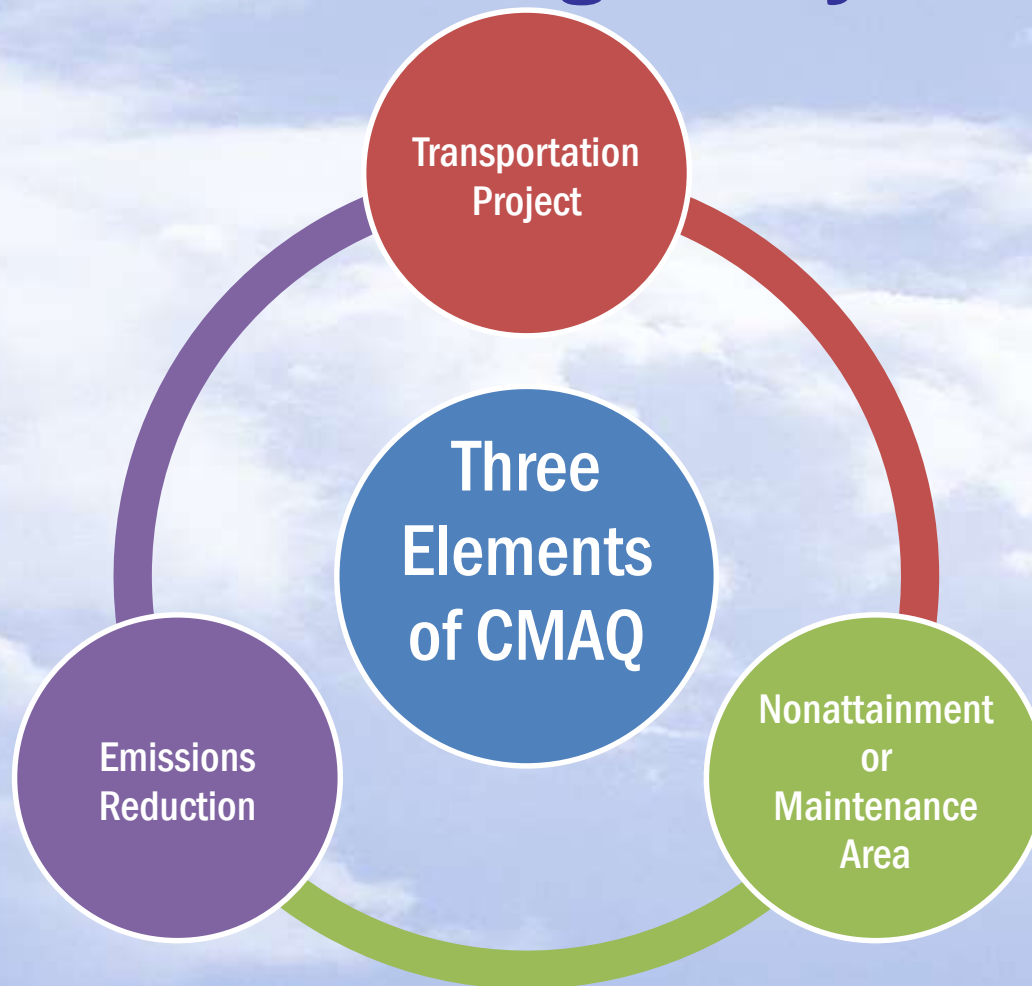
- Effective November 12, 2013
  - ❖ Explains the program requirements under MAP-21
  - ❖ Includes project types that may be eligible for CMAQ
  - ❖ Covers roles and responsibilities of MPOs, State DOTs and USDOT
  - ❖ Discusses annual project reporting
- Revised Interim Guidance on CMAQ Operating Assistance issued July 2014



# CMAQ & Project Selection

- Project selection is NOT a Federal role—23 U.S.C. 145
- Processes vary at the State & local level
- FHWA encourages a competitive approach
- DOTs & MPOs should consult with each other and State and local air quality agencies
- Contact State DOT and appropriate MPO

# Basic Eligibility



# Projects Funded

- Over \$30 billion invested in 34,000 projects since 1992
- Wide range of eligible projects
  - ❖ Diesel retrofits and engine replacements
  - ❖ Anti-idling facilities, APUs
  - ❖ Traffic flow improvements
  - ❖ Freight & intermodal operations
  - ❖ Transit improvements
  - ❖ Bicycle and pedestrian projects
  - ❖ Demand management
  - ❖ Shared ride services
  - ❖ Carsharing
  - ❖ Alternative fuels
  - ❖ Inspection & maintenance programs





# Highlighted Projects under MAP-21

- Diesel retrofits
- Construction equipment and vehicles
- Traffic flow Improvements
- Carsharing
- Electric vehicle recharging and natural gas vehicle refueling infrastructure



# Alternative Fuel Infrastructure

- Publicly owned fueling facilities and infrastructure
- Convert or expand private fueling facilities
  - ❖ Via public-private partnership
- Electric vehicle charging or natural gas refueling stations any location in State







# Alternative Fuel Vehicles

- Purchasing alternative fuel vehicles, school buses, transit vehicles
- Converting to alternative fuel
- Alternatives to diesel engines and vehicles
- Hybrids





# Contacts

- [Emily.Biondi@dot.gov](mailto:Emily.Biondi@dot.gov)
- [Mark.Glaze@dot.gov](mailto:Mark.Glaze@dot.gov)
- [Cecilia.Ho@dot.gov](mailto:Cecilia.Ho@dot.gov)
- Website
  - ❖ [http://www.fhwa.dot.gov/environment/air\\_quality/cmaq/](http://www.fhwa.dot.gov/environment/air_quality/cmaq/)
- Public Access System
  - ❖ [https://fhwaapps.fhwa.dot.gov/cmaq\\_pub/HomePage/](https://fhwaapps.fhwa.dot.gov/cmaq_pub/HomePage/)

# Questions?

