

US EPA ARCHIVE DOCUMENT



Chicago Metropolitan  
Agency for Planning

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**Congestion Mitigation and  
Air Quality Improvement Program  
Funding for Clean Diesel Projects**

**MIDWEST CLEAN DIESEL INITIATIVE  
2012 MEETING  
April 12, 2012**

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# CMAQ Background

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- Authorized by ISTEA in 1991
- Title 23 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.
- More than \$29 billion invested in 28,000 projects since 1992

# CMAQ Background (cont'd)

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- Applicant should be a public body
  - Public/Private partnerships are permitted
  - Familiarity with administering FHWA funds is desirable
- Funds are to be used in nonattainment and maintenance areas for ozone, CO and PM
  - Includes 1-hour ozone maintenance areas
  - If no nonattainment areas, anywhere in the state
- Programming may be at state or MPO level

# CMAQ Background (cont'd)

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- Wide range of eligible projects
  - transit improvements
  - traffic flow improvements
  - bicycle and pedestrian projects
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  - alternative fuels (not required by law)
  - diesel retrofits (verified)
  - anti-idling facilities

# Alternate Fuel Specifics

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- Vehicle acquisitions
- Vehicle conversions
- Refueling facilities
- Incremental costs for private vehicles
- Public vehicles – At least the increment or emissions reduction
- MO, IA, MN, WI, IL, IN, OH: Purchase of alternative fuels or biodiesel

# Freight & Diesel Retrofit

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- Diesel retrofits for on-road, and off-road engines used in construction projects in ozone or PM nonattainment or maintenance areas
  - Includes replacement, repowering, rebuilding, after treatment technology.
  - Title 23 projects only
- On-road vehicles
- Locomotives

# Freight & Diesel Retrofit (cont'd)

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- SmartWay technology
- Intermodal facilities
- Truck stop electrification
- Auxiliary power units
- Heavy-duty scrappage
- Outreach activities for diesel retrofits



# Northeastern Illinois Projects

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- 40 projects since 2005
- \$118 million in federal funds programmed
- Retrofits – School buses, locomotives, buses, municipal fleets
- Hybrid buses
- Alternative fuels
- Truck stop electrification
- Innovative technologies

# Northeastern Illinois Experience

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- These kinds of projects are unfamiliar to the state DOT
- They can also be unfamiliar to the sponsor
- Innovative technology projects can run into barriers
- Soft match may prove difficult to use
- The state may be a better sponsor than a local agency
- “Umbrella” projects can be very practical
- Railroads have lawyers, too

# Reauthorization

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- SAFETEA-LU expired in 2009
- MAP-21 is Senate reauthorization proposal
- CMAQ is still alive
- Don't drive yourself crazy, unless you want to

# Resources

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- Contacts

- Your FHWA Division Office
- US EPA Contact
- [Michael.Koontz@dot.gov](mailto:Michael.Koontz@dot.gov) (FHWA CMAQ coordinator)
- [DFerguson@cmap.illinois.gov](mailto:DFerguson@cmap.illinois.gov) (CMAQ CMAQ manager)
- [Rpatronsky@cmap.illinois.gov](mailto:Rpatronsky@cmap.illinois.gov) (CMAQ CMAQ backup)

- Web

- <http://www.fhwa.dot.gov/environment/cmaqpgs/index.htm>
- <http://www.cmap.illinois.gov/congestion-mitigation-and-air-quality>