

August 4, 2021

# CMAQ

---

Kentucky Clean Fuels Coalition (KCFC)

Bernadette Dupont, FHWA-KY and Jackie Jones, KYTC



# CMAQ Program

## Congestion Mitigation and Air Quality Improvement

- The program was first started in 1991 with ISTEA (Transportation Bill).
- It is administered by the Federal Highway Administration.
- It has been reauthorized with every successive Transportation Bill.





# CMAQ Funding

Approximately \$2.3-2.5 M/year

- Areas that are nonattainment or maintenance for ozone, carbon monoxide, and/or particulate matter.
- States **without** nonattainment or maintenance areas:
  - minimum apportionment of CMAQ funding
    - air quality projects or
    - flexible federal aid highway spending



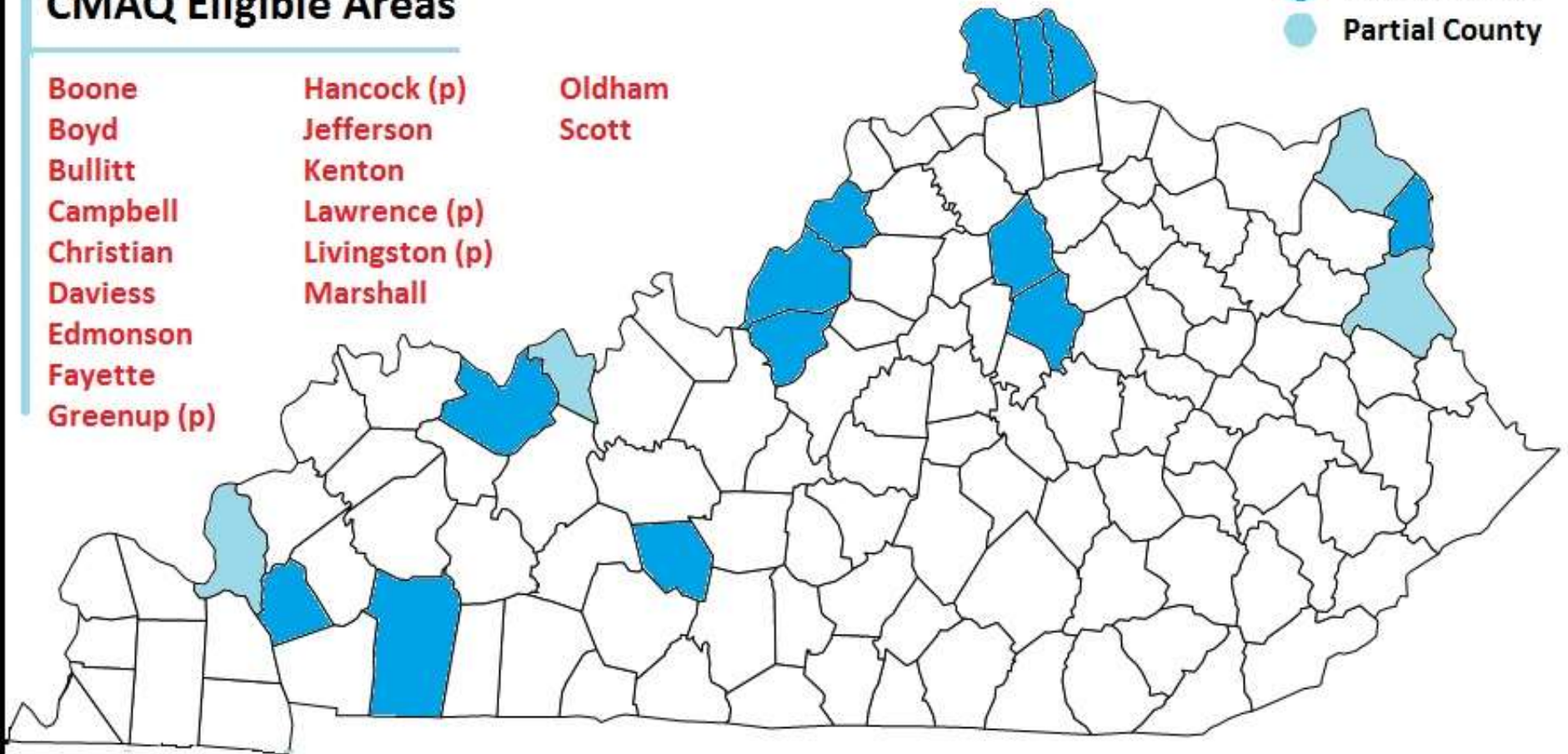
## CMAQ Eligible Areas

Boone  
Boyd  
Bullitt  
Campbell  
Christian  
Davies  
Edmonson  
Fayette  
Greenup (p)

Hancock (p)  
Jefferson  
Kenton  
Lawrence (p)  
Livingston (p)  
Marshall

Oldham  
Scott

● Whole County  
● Partial County





# CMAQ REQUIREMENTS

---



## REQUIREMENTS:

CMAQ projects must meet three basic criteria:

- ✓ Transportation project
- ✓ Generate an emissions reduction
  - CO, Ozone precursors (NO<sub>x</sub> and VOCs), PM<sub>2.5</sub>, PM<sub>10</sub>
- ✓ Be located in or benefit a nonattainment or maintenance area

## FHWA CMAQ Emissions Calculators

[www.fhwa.dot.gov/environment/air\\_quality/cmaq/toolkit/](http://www.fhwa.dot.gov/environment/air_quality/cmaq/toolkit/)

- ☐ Provide a common set of methodologies using consistent assumptions.
- ☐ Support required reporting activities
  - Annual CMAQ report
  - CMAQ on-road mobile source performance measure
- ☐ Serve as a resource only – **NOT REQUIRED**
- ☐ Not intended to meet specific requirements for State Implementation Plans (SIPs) or Transportation Conformity.



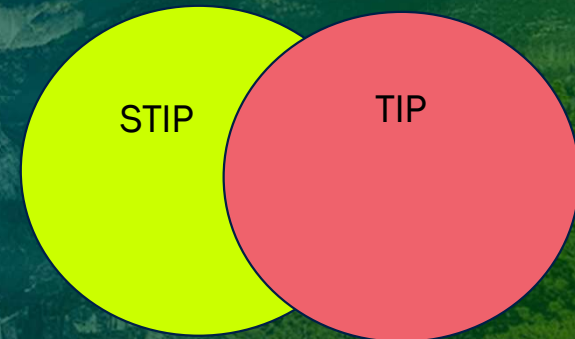
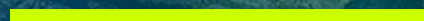
This Photo by Unknown Author is licensed under [CC BY-NC](#)



## REQUIREMENTS:

All CMAQ projects must be included in the:

- ✓ STIP - if in a non-MPO area or
- ✓ STIP and MPO TIP - if in an MPO area







# CMAQ GENERAL INFO

---

## GENERAL INFORMATION:

### CAPITAL INVESTMENTS

- Used to establish new or expanded transportation projects or programs that reduce emissions.

### OPERATING ASSISTANCE

Limited to **NEW**

- Transit
- commuter and intercity passenger rail services
- intermodal facilities,
- travel demand management strategies (traffic operations center, inspection and maintenance programs),
- **Incremental** cost of expanding these services.
  - This includes all cost of providing new services including: labor, fuel, administrative costs, and maintenance.
  - **Indirect cost (upkeep of office) are NOT eligible.**



This Photo by Unknown Author is licensed under CC BY-NC



## GENERAL INFORMATION:

### PLANNING AND PROJECT DEVELOPMENT

All phases of *eligible* projects can be funded - not just construction.  
Example: Studies under NEPA (e.g. Preliminary Engineering)

#### NOT Eligible:

- Major Investment Studies
- Commuter Preference Studies
- Modal Market Polls or Surveys
- Transit Master Plan

**NOTE:** Planning funds (PL) can be used for these types of studies.



This Photo by Unknown Author is licensed under CC BY

## GENERAL INFORMATION:

### PUBLIC PRIVATE PARTNERSHIPS

- Project should benefit general public
- Eligible non-monetary activities that will be used as match include:
  - Ownership or operation of land, facilities, or other physical assets
  - Construction or project management
  - Other forms of participation approved by the Department.
- A legally binding, written agreement between the public agency and the private or non-profit entity
- should be implemented and include:
  - Intended use of CMAQ funding
  - Roles and Responsibilities
  - How disposition of land, facilities, and equipment will be handled if agreement is altered



This Photo by Unknown Author is licensed under [CC BY-SA](#)



## GENERAL INFORMATION:

### COSTS AND OTHER REGULATORY REQUIREMENTS

- Comply with all applicable Federal Requirements
- Conform to appropriate cost principles for Federal-aid.
- 2 CFR 200 - Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards



[This Photo](#) by Unknown Author is licensed under [CC BY-NC](#)

## GENERAL INFORMATION:

### BUY AMERICA WAIVERS

- Quarterly call for applications
- No special form, but must contain all information listed in Q & A #22
- [www.fhwa.dot.gov/construction/contracts/buyam\\_qu.cfm](http://www.fhwa.dot.gov/construction/contracts/buyam_qu.cfm)
- States are encouraged to transfer transit-related projects to FTA as FTA has an existing waiver in place.



This Photo by Unknown Author is licensed under CC BY-SA



## GENERAL INFORMATION:

### INELIGIBLE PROJECTS:

- Capacity adding projects (except HOV, HOT, lanes)
- Routine maintenance or rehab projects
- Administrative costs of the CMAQ program
- Stand-alone project to purchase fuel.
- Models and monitoring networks
- Litigation costs surrounding CMAQ projects.
- Light-Duty Vehicle Scrappage Programs, and
- Projects that don't meet the eligibility requirements of Titles 23 and 49.



# PROJECT TYPES



## GENERAL INFORMATION:

### ALTERNATIVE FUELS AND VEHICLES



#### Infrastructure

- Publicly owned fueling facilities and other infrastructure
  - Tanks, dispensing facilities, related equipment
- Can be located in Interstate ROW if offered at no charge

#### Non-transit Vehicles

- **Fully funded** - Publicly owned vehicles providing a dominant transportation function

- Passenger vehicles
- Service trucks
- Street cleaners

- **Incremental** costs - purchase through PPP or by public sponsors

## GENERAL INFORMATION:

### ALTERNATIVE FUELS AND VEHICLES

#### Hybrid Vehicles

- Eligible vehicles defined by the Energy Policy Act of 1992
- Other Alt Fueled vehicles that have lower emission rates than their non-hybrid counterparts MAY be eligible

#### Not Eligible:

- Stand alone purchase of any fuel





# THANK YOU!

---

**Bernadette Dupont**

U.S. Department of Transportation  
Federal Highway Administration - KY  
330 West Broadway  
Frankfort, KY 40601-1981  
Land Line: (502) 223-6729

[Bernadette.Dupont@dot.gov](mailto:Bernadette.Dupont@dot.gov)



**Jackie Jones**

Kentucky Transportation Cabinet  
Office of Local Programs  
200 Mero Street  
Frankfort, KY 40622  
Land Line: (502) 782-4734

[Jackie.Jones@dot.gov](mailto:Jackie.Jones@dot.gov)