



CMAP

# GO TO 2040

## Overview of Congestion Mitigation and Air Quality Improvement Program

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# Intro to CMAQ

- Federal fund for transportation projects that improve air quality or provide congestion relief
- Projects selected by CMAP, admin. by IDOT
- Competitive call for projects every two years
- Develop a five-year program with later years partially programmed
- ~\$100 million available per year
- Next call: January 2015



# Basic eligibility

- Wide range of projects – traffic flow improvements, bicycling, TDM, etc.
- Cannot fund new highway capacity except HOV
- Cannot fund maintenance projects
- Transit facility projects must increase capacity
- Private sector is eligible

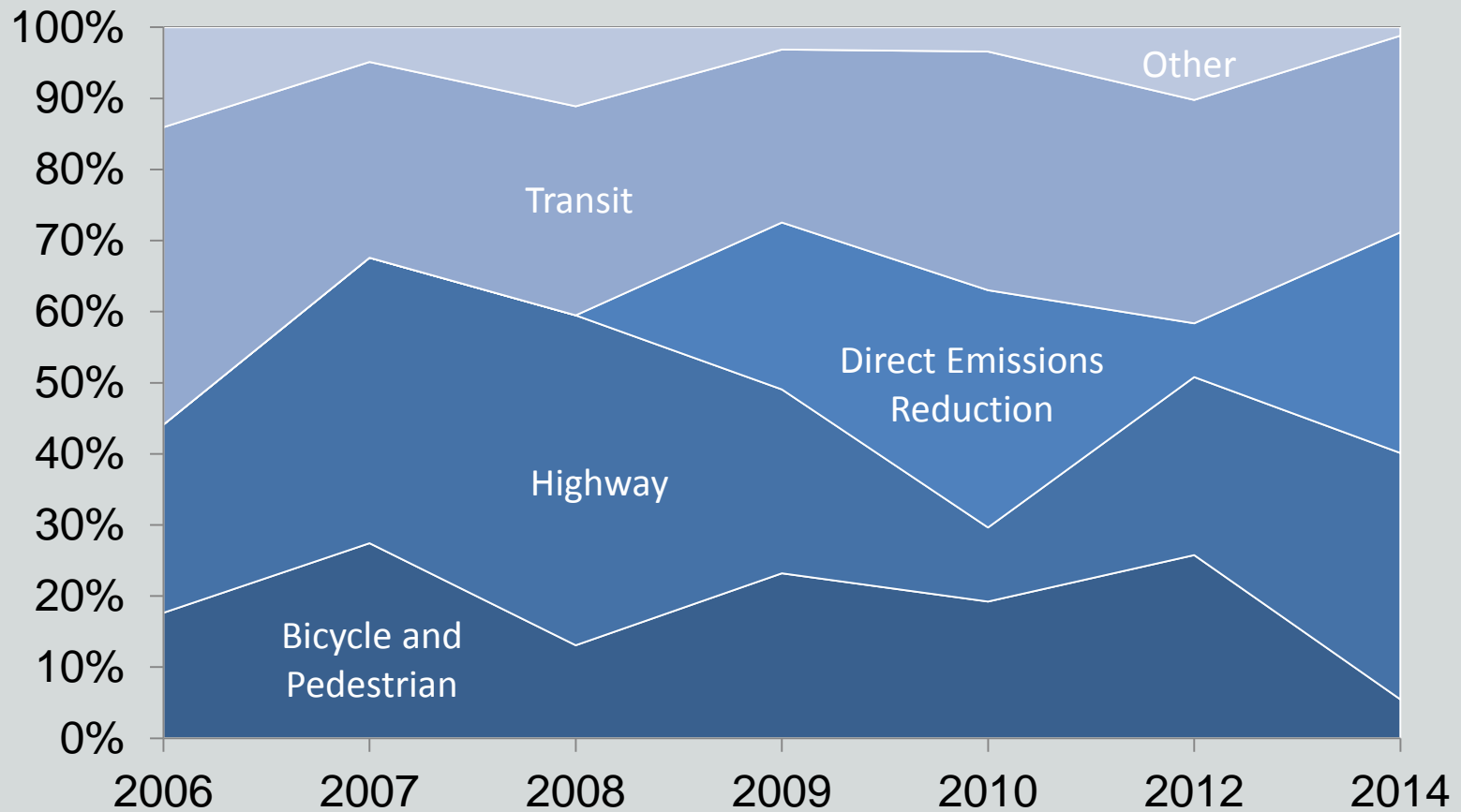


# Use at CMAP

Category	Project
Bicycle and Pedestrian	Bicycle Encouragement Bicycle and Pedestrian Facilities Bicycle Parking
Highway	Bottleneck Elimination Intersection Improvement Signal Interconnect
Direct Emissions	Direct Emissions Reduction
Transit	Transit Facility Improvement Transit Service and Equipment Commuter Parking



# Expenditures by program year





# Ranking and selection

- AQ cost-effectiveness used to **rank** projects
  - But only against projects of same type
- Actual **selection** based on judgment, considering:
  - Geographic distribution (“regional equity”)
  - Sponsor capacity
  - Project readiness
  - Project mix
  - Large sponsor priorities
- Project Selection Committee approval

# CMAQ at peer MPOs



- 1 Use a point system with multiple criteria
- 2 Consider other project benefits in addition to air quality
- 3 Specifically fulfill priorities from local plans or the regional plan
- 4 Focus some CMAQ investment in urban centers or livable communities





# Initial proposal

- Program multi-modally and use additional “transportation impact” criteria
- Make GO TO 2040 connection explicit
- Weights:
  - 60%: air quality cost-effectiveness
  - 30%: transportation impact criteria
  - 10%: regional priorities
- Consider eliminating some project types

# Transportation impact criteria



## Highway

Safety

Travel time  
reliability

CMP network

## Transit

Ridership

Asset  
condition

On-time  
performance

## Bicycle

Safety/  
attractiveness  
rating

Transit  
accessibility

Bikeway  
connectivity

## Direct emissions

Sensitive  
populations

Health  
benefits

Public fleets



# Regional priorities

- Land use-transportation connection
  - Near term: bonus when existing or permitted future development is transit-supportive
  - Longer term: give bonus for project within geographic target area
- Parking management
- GO TO 2040 major capital projects



# Issues with project types

- TDM marketing and outreach
  - Difficult to judge project merits
  - Not clear what region has gained
  - Overlapping but uncoordinated projects
- Small, regionally-insignificant projects
  - Local sidewalks, bike parking
- Commuter parking, esp. parking garages
  - Can we build these while promoting parking management?



# CMAQ questions for committees

- How important is it to focus on plan priorities versus having an “open call”?
- How much consideration should be given to:
  - Geography? Large sponsor priorities?
- Is there a way to consider equity?
- How important is it to follow rankings in project selection?
- How should working committees be involved?



Thank you!

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# Project Selection Committee

- 6 members + CMAP chair
  - RTA
  - IDOT
  - City of Chicago
  - County rep
  - Council of Mayors rep
  - IEPA
- In practice transit agencies sit on committee but do not vote





# Federal policy

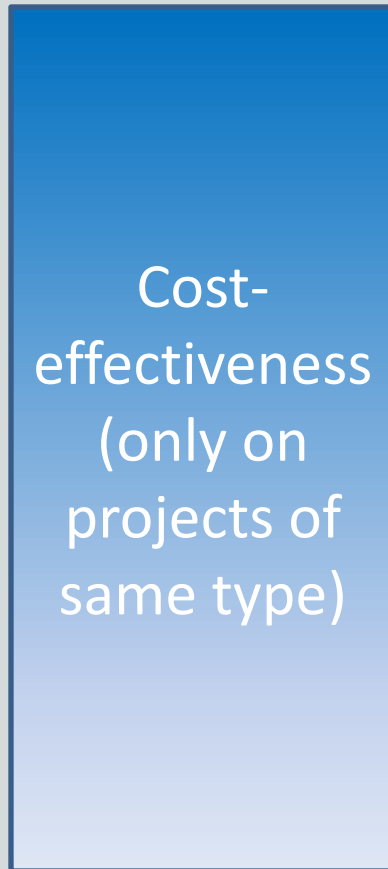
- Emphasis on cost-effectiveness but permits wide range of criteria to be used
- Requires 25% of money to be spent on projects reducing fine particulate matter
- Must report emissions reduction benefits



- Use a point system with multiple criteria
- Consider other project benefits in addition to air quality
- Specifically fulfill priorities from local plans or the regional plan
- Focus some CMAQ investment in urban centers or livable communities

# Two steps

Ranking



Geographic distribution

Sponsor capacity


Project readiness

Project mix

Large sponsor priorities

Selection

Final program of projects



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