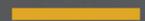




Iowa Carbon Reduction Strategy

MPO/RPA Quarterly Meeting



Andrea White
Statewide Planning Coordinator

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Agenda

Carbon Reduction Program (CRP)

Carbon Reduction Strategy (CRS)

CRS Development Timeline

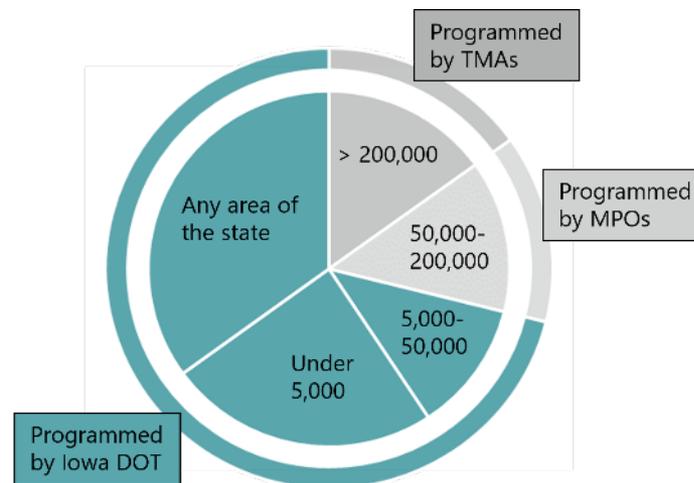
Strategies

Next Steps



Carbon Reduction Program (CRP)

- New program in 2021 Infrastructure Investment & Jobs Act
- Iowa will receive \$82.6m over five years
- 65% suballocated by population; TMAs and MPOs will program funds for their areas
- Requires states to develop a Carbon Reduction Strategy



Carbon Reduction Strategy (CRS)

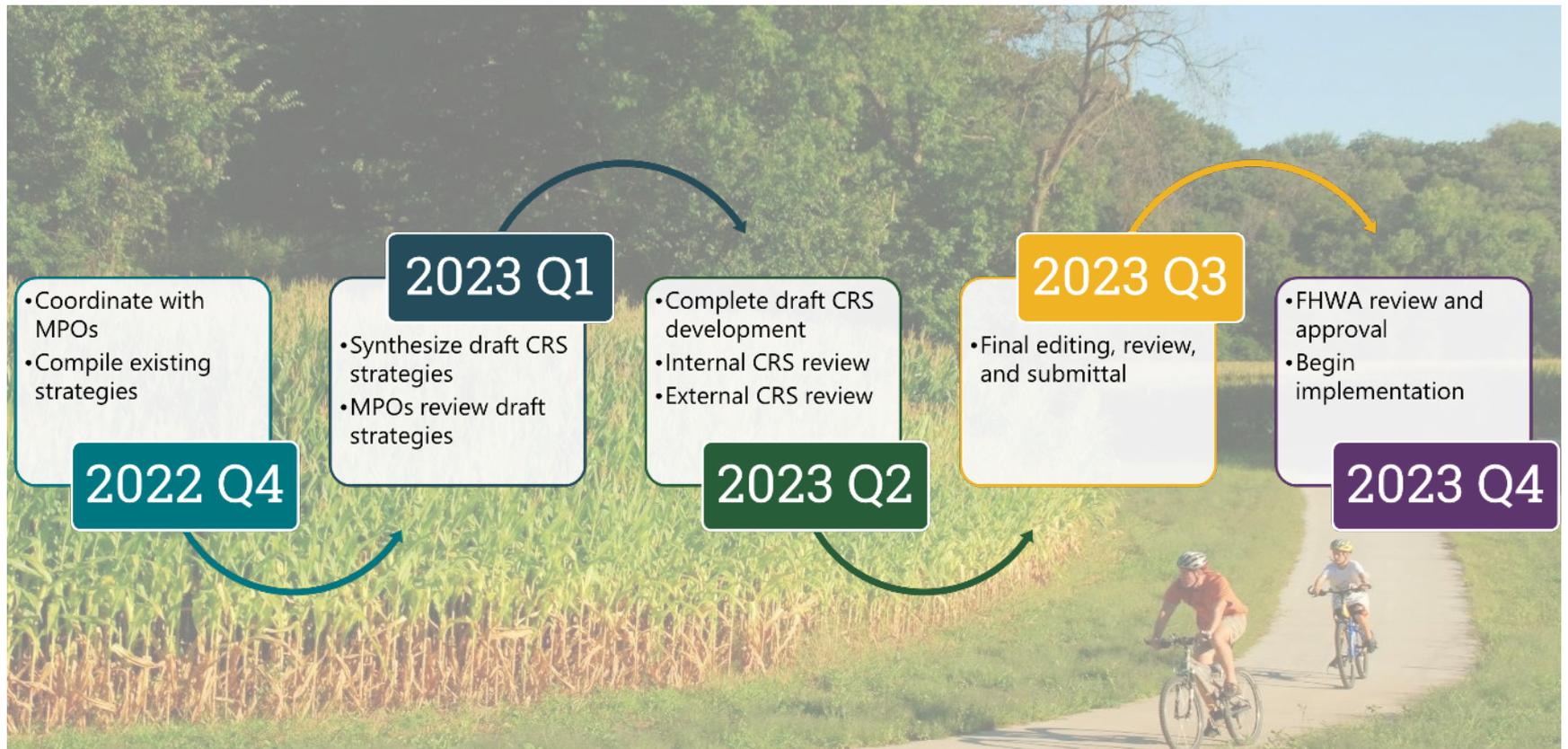
- Developed in consultation with MPOs
- Identifies strategies and projects to reduce transportation emissions
- Required to be updated at least every four years
- Certified by FHWA on February 20, 2024

Iowa approach for initial CRS

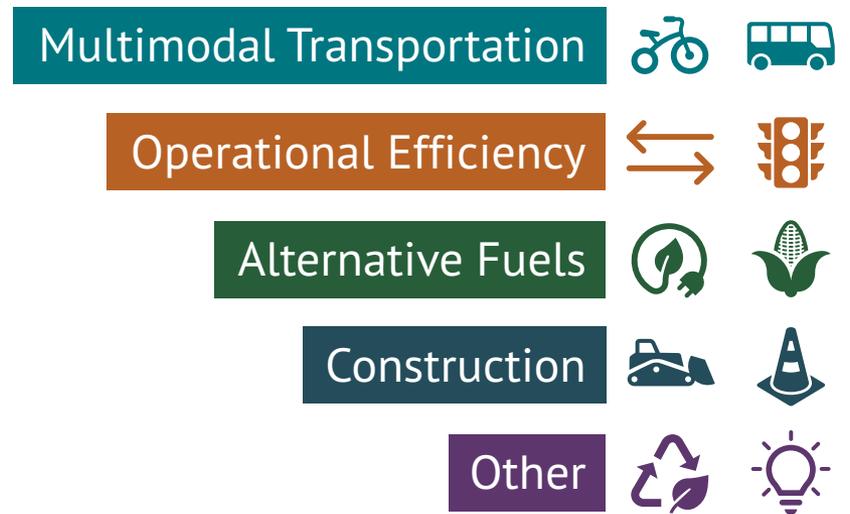
- Address federal requirements but have a relatively streamlined document
- Opportunity to compile relevant strategies and initiatives that have been identified through planning processes across the state and synthesize them into a cohesive strategy



CRS Development Timeline



CRS Objectives and Strategy Categories



CRS Strategies





Multimodal Transportation

Objective: Support multimodal travel options that enable people to travel by less carbon-intensive modes than single occupant vehicles.

- Public transit
- Bicyclists and pedestrians
- Complete Streets
- Reduce single occupant vehicles
- Passenger and commuter rail



Operational Efficiency

Objective: Reduce emissions by improving the efficiency of transportation system operations through strategies that improve flow and reliability by reducing congestion and managing demand rather than the construction of new capacity.

- Transportation Systems Management and Operations (TSMO)
- State of good repair
- Travel Demand Management



Alternative Fuels

Objective: Reduce emissions by utilizing and supporting alternative and renewable fuel vehicles across modes, particularly cars, commercial vehicles, and transit vehicles.

- Alternative and renewable fuel infrastructure
- Vehicles that utilize alternative and renewable fuels
- Enhance coordination



Construction

Objective: Reduce emissions during the design, construction, operation, and maintenance of the transportation system.

- Sustainable elements or construction practices
- Cross-sector use of right-of-way
- Reduce carbon impacts during construction projects



Other

Objective: Consider other methods to reduce transportation emissions, either directly or through coordination with other entities.

- Integrate transportation and land use planning
- Improve freight efficiency
- Other projects or programs

Next steps

- CRS includes *types* of CRP projects
- Each MPO can determine how to integrate the CRS into their CRP project selection process
- Updates from MPOs – how are you proceeding?
- Integrate into State Long-Range Transportation Plan
- Implementation
- <https://iowadot.gov/iowainmotion/files/2024-carbon-reduction-strategy.pdf>

Questions?

Andrea White

515-239-1210

andrea.white@iowadot.gov

iowadot.gov