



# Clean Cars Minnesota

Katie Izzo - Rule Coordinator

Amanda Jarrett Smith - Climate Unit Supervisor

Maggie Wenger - Air Policy Planner

# Environmental Justice (EJ) in Rulemaking at MPCA

Environmental justice is the fair treatment and meaningful involvement of all people—regardless of race, color, national origin, or income—with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

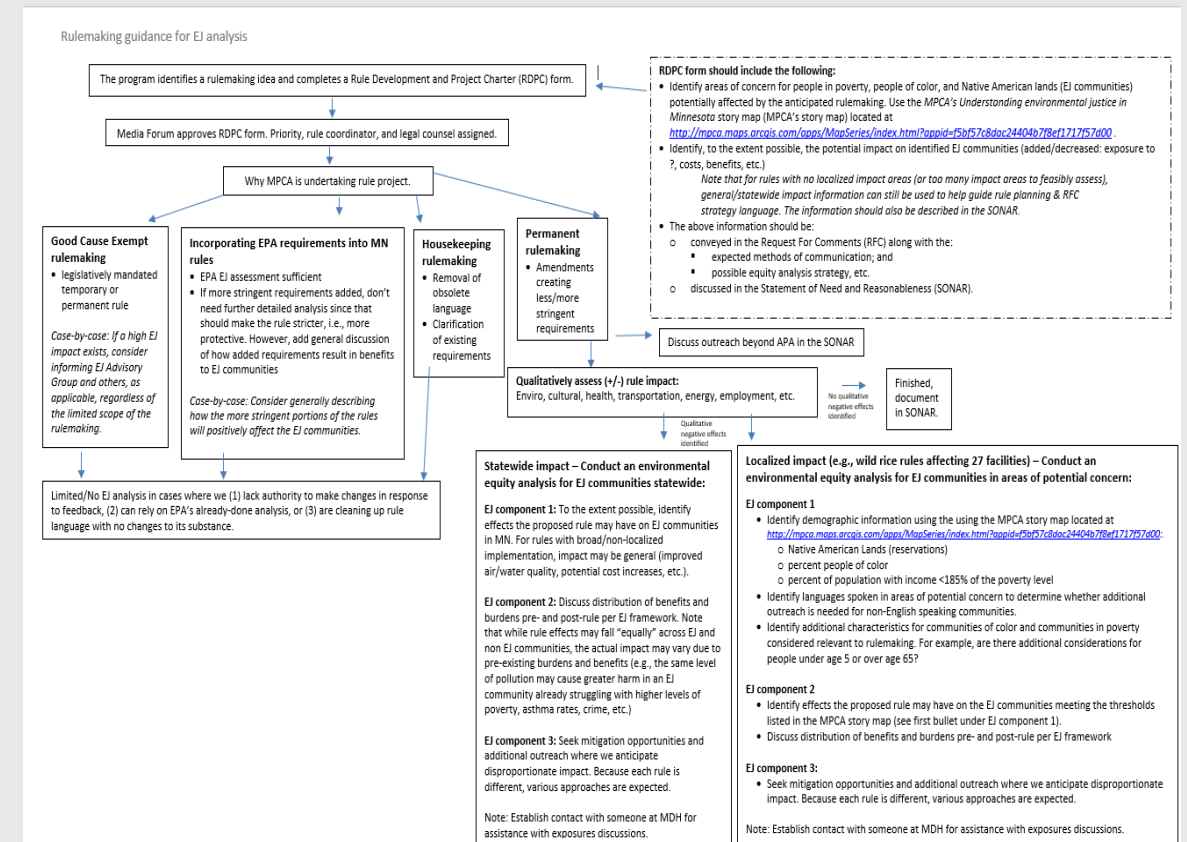
- *Fair treatment* means that no population bears a disproportionate share of negative environmental consequences resulting from industrial, municipal, and commercial operations or from the execution of federal/state/local laws, regulations, and policies.
- *Meaningful involvement* requires effective access to decisionmakers for all, and the ability in all communities to make informed decisions and take positive actions to produce environmental justice for themselves.

Source: <https://www.pca.state.mn.us/sites/default/files/p-gen5-05.pdf>

# What does that look like in practice?

## 1. Decision-process map—for program leadership and the Rules Unit Supervisor at the beginning, when considering, planning and approving a rulemaking project

- The Rule Development and Project Charter form is the product of this approval procedure; the Rule Coordinator and assigned program staff will use it to help draft the RFC and SONAR



# What does that look like in practice?

## 2. Template revisions

- Request for Comments (RFC)—guideline additions for document creators to the *Subject of Rules and Parties Affected* sections
- Statement of Need & Reasonableness (SONAR)—full section addition on EJ policy and our equity efforts for this rulemaking

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# Additional Notice Plan

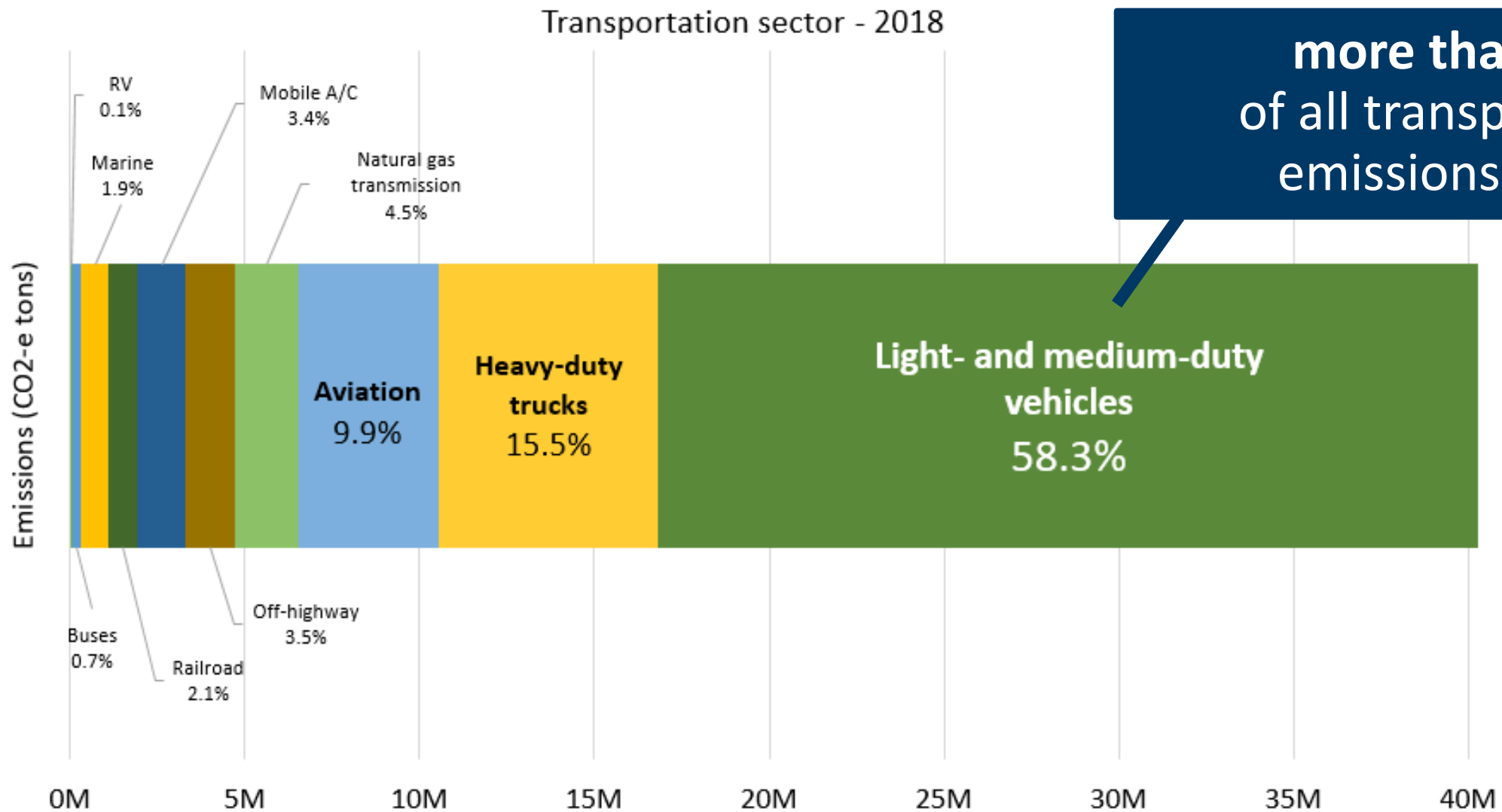
- Plan, conduct and document engagement efforts EARLY (agency/department Tribal liaisons and equity coordinators can help!)
- Consider info sessions, extended comment periods wherever possible
- Ask for ALJ review and approval of Additional Notice Plan at time of Notice of Intent submittal

# Clean Cars Minnesota



10/31/2022

# Largest source of GHGs: transportation



more than half  
of all transportation  
emissions in MN



# Two complementary emission standards

## Low-emission vehicle standard



Cleaner “traditional” cars, SUVs and pickups

## Zero-emission vehicle standard



More electric vehicles (EVs)







# Timeline for implementation





**Results of MPCA's analysis**



# What we analyzed

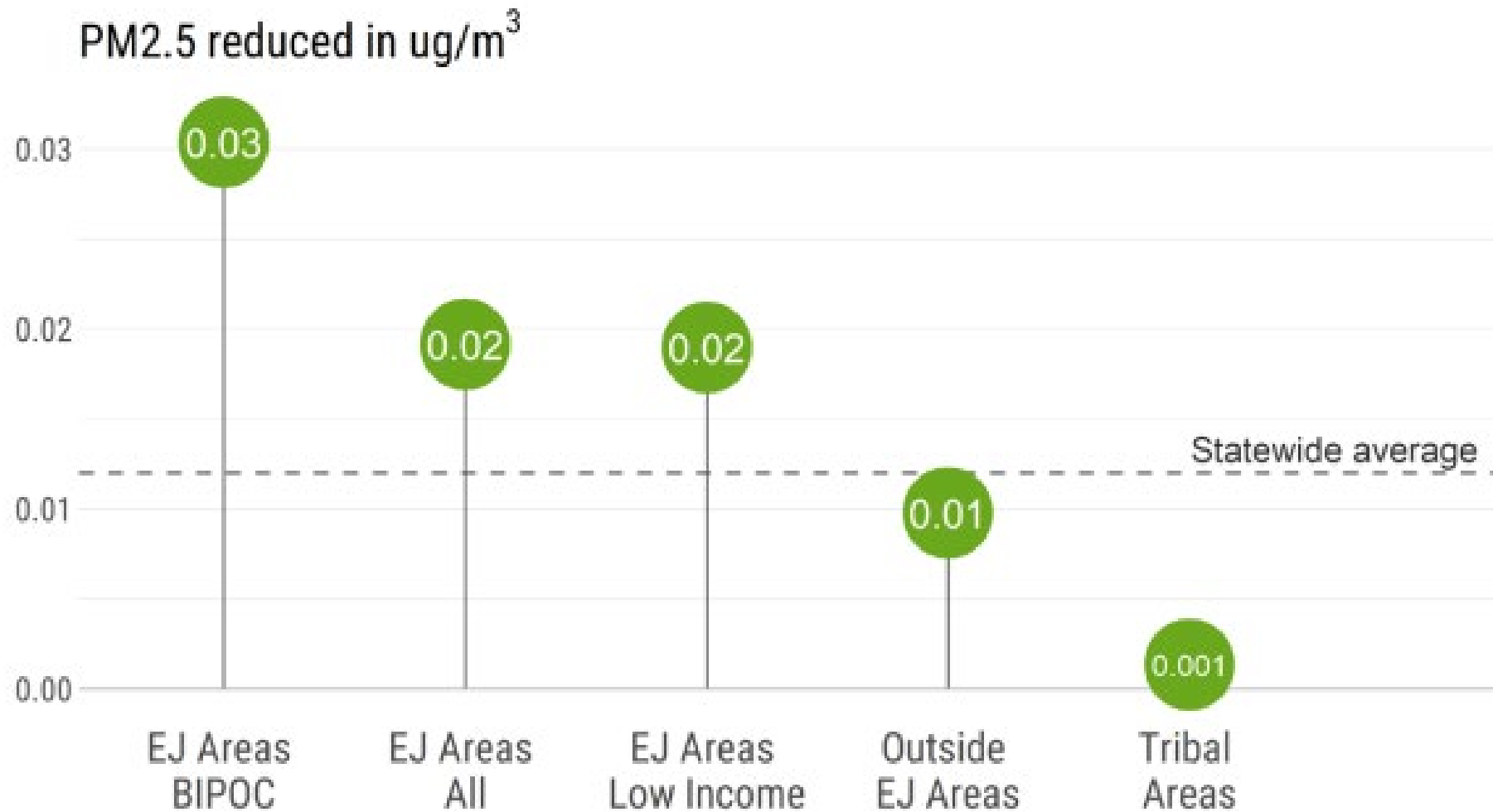
SONAR  
pg. 62  
and TSD

- Greenhouse gas emissions
- Criteria pollutants and health benefits
- EV sales numbers
- Economic costs and benefits
- Distribution of benefits in areas of concern for environmental justice



# Equity analysis

SONAR  
Pg. 83



Ref: MNDOT 2014 traffic data; EPA's AERMOD model

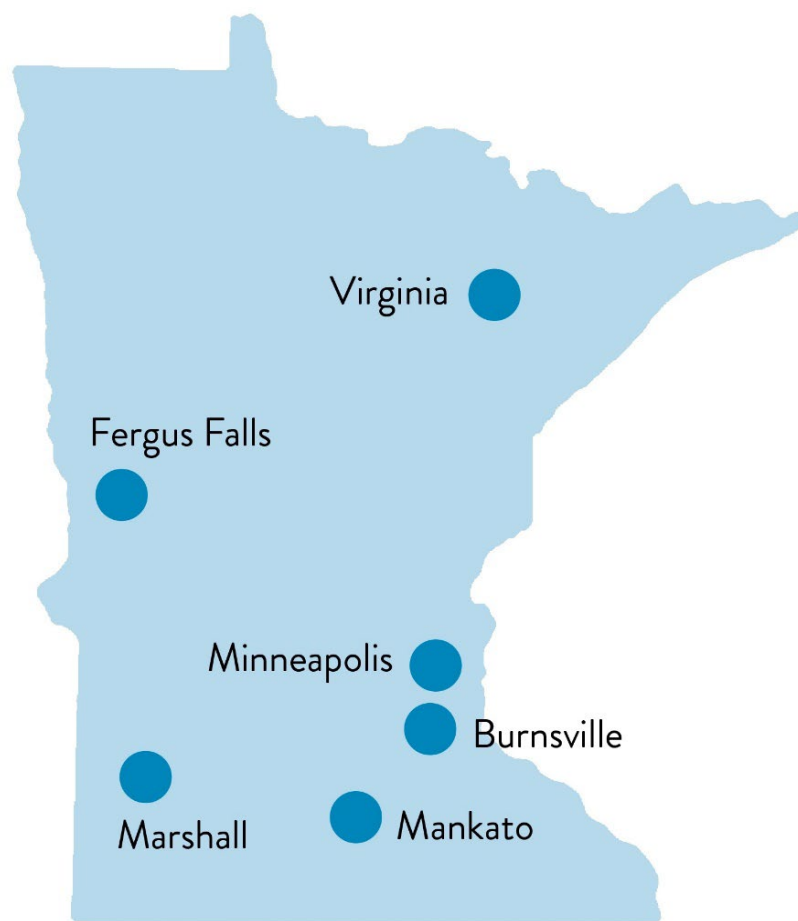
# Equity analysis, sensitive land uses

- Current light-duty vehicle PM2.5 concentrations are higher for sensitive land uses near areas of concern for EJ
- Estimated PM2.5 reduction benefits of Clean Cars rule are higher for sensitive land uses in EJ areas of concern

Land Use	Outside EJ Areas	EJ Areas: Low Income	EJ Areas: BIPOC	Tribal Areas
Licensed Hospitals	0.5	0.7	1.1	0.1
Elem. Schools	0.3	0.6	1	0.02
Daycares	0.3	0.7	1	0.1
Nursing Homes	0.4	0.7	1.2	0.04

Land Use	Outside EJ Areas	EJ Areas: Low Income	EJ Areas: BIPOC	Tribal Areas
Licensed Hospitals	0.014	0.02	0.032	0.003
Elem. Schools	0.009	0.017	0.029	0.001
Daycares	0.009	0.02	0.029	0.003
Nursing Homes	0.011	0.02	0.034	0.001





7 public meetings  
5 technical webinars

# Public engagement 2019-20

# Pivot to Virtual Engagement During Notice

## Microsoft Teams Info sessions

- Multiple day and evening sessions
- Clarifying questions on SONAR, no comments

## Webex Virtual Hearing

- Staff and OAH practice
- Staff in person to manage virtual queue
- Phone and web access
- 70 people testified

# Response to Comments

- Approximately 10,000 individual comments received during rulemaking (>20,000 including signatures and postcards)
- We tried to keep up with sorting and drafting responses as comments were submitted, the vast majority came in the last day
- Sorted by topic to group similar comments and replies
- Delays with Granicus software meant it took almost 24 hours to transfer all comments
- Rebuttal period focused on significant, new comments given time crunch
- Petfinder to keep morale up



# Thank you!

[www.pca.state.mn.us/air-water-land-climate/reducing-transportation-emissions](http://www.pca.state.mn.us/air-water-land-climate/reducing-transportation-emissions)