

# Colorado Coalition for Greenhouse Gas Reduction Through Equitable Vehicle Emissions Testing

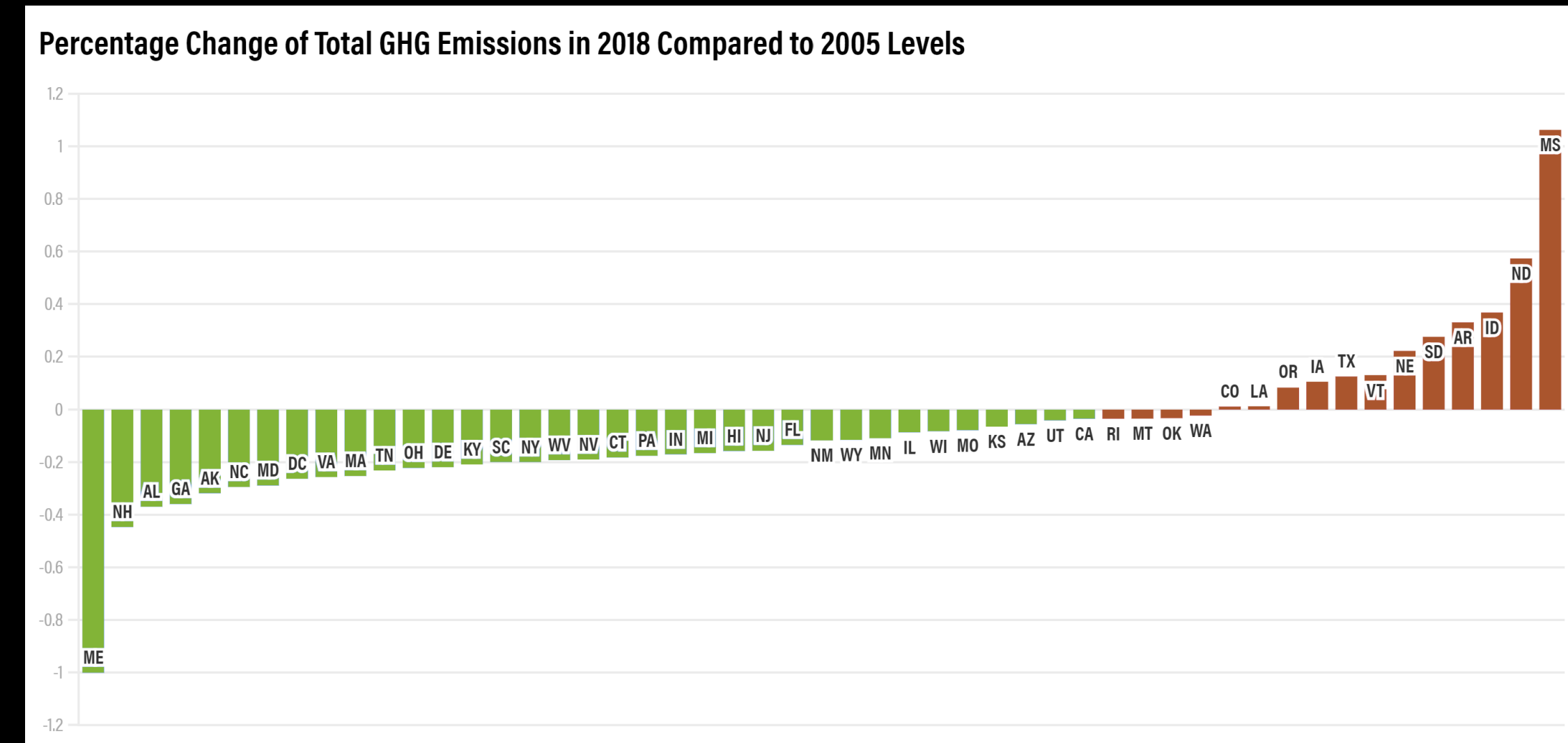
Johan Yost  
Walter Scott, Jr. College of Engineering  
Department of Biomedical Engineering  
johan.yost@colostate.edu



## Business Pitch to Potential Coalition Members

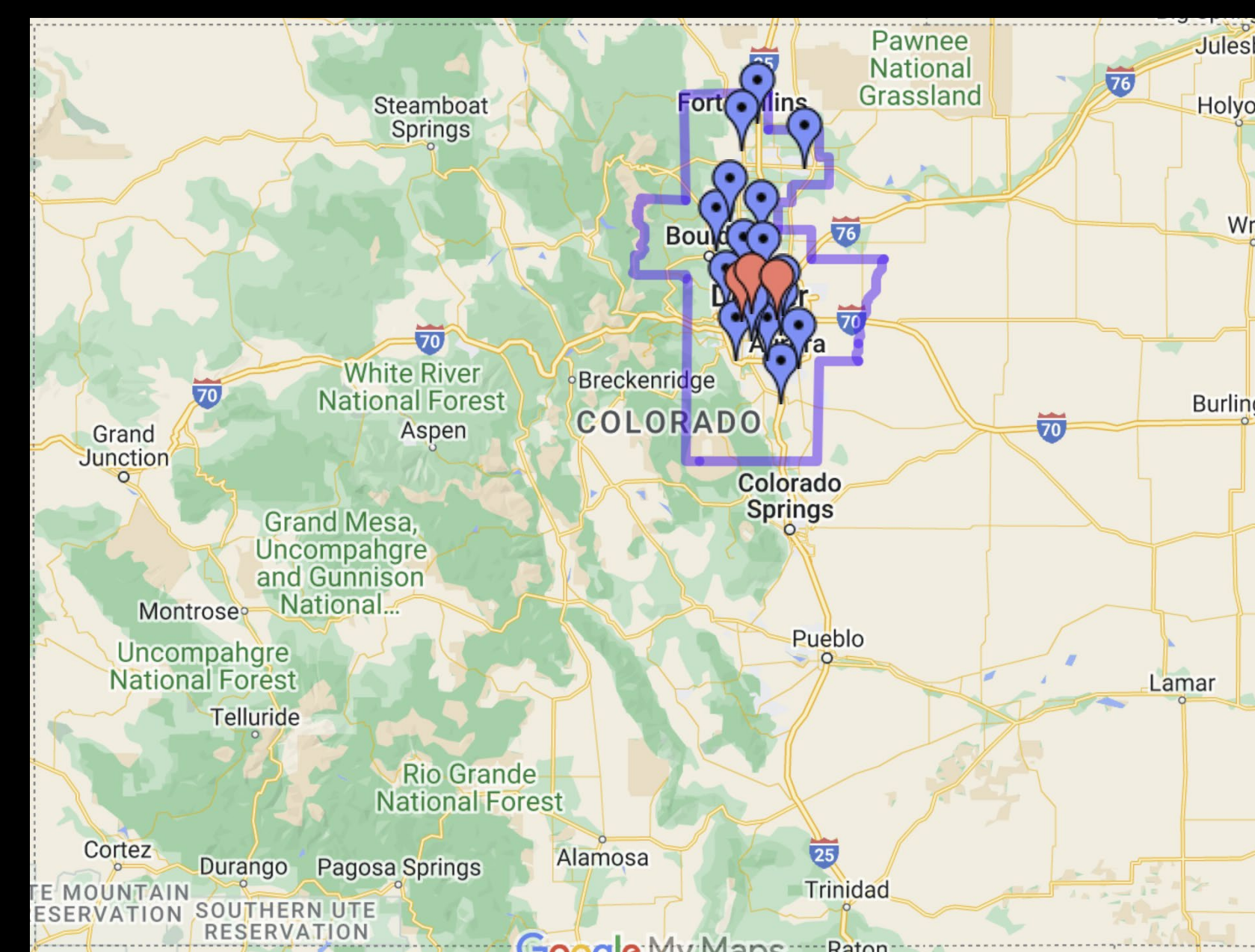
### 1. Problem

- Earth is warming more rapidly than ever in its history
- Consequences:
  - Changing weather patterns
  - Disruption in the balance of nature (*Causes*)
  - No second chance
- Colorado has rising levels of greenhouse gas (GHG) emissions (*Friedrich*)
- GHG molecules in the atmosphere trap heat
- 38 other states have decreased GHG emissions



### 2. Why

- Only ~10% of Colorado geographically is subject to vehicle emissions testing (*Weld*)
- Emissions testing exemptions and waivers are easily obtained
- Rural areas are exempt, however, 56% of rural vehicles are 10+ years old
- As vehicles age, emissions increase exponentially:
  - 10-year-old vehicles emit 200% more than new
  - 20-year-old vehicles emit 1000+% more than new
- The average vehicle age in Colorado is 13.1 years and growing (*Colorado, View, Diesel*)



(Bernard 8-10, Autos, Nat'l 35, 43, 183, Average, Petrea and Bujoreanu 8-9, Brownell, Popely, Holley)

#### Exempt Vehicles:

- Kit Cars
- Motorcycles
- Autocycles
- Horseless Carriages
- Farm Vehicles
- Street Rods
- Collector Cars



Resources: Please see binder for citations.

### 3. Solution & Implementation

Colorado's vehicle emission regulations must require all vehicles powered by fossil fuels to pass emission regulations without waiver or exemption.

Soliciting air pollution professionals to join the *Colorado Coalition for Greenhouse Gas Reduction Through Equitable Vehicle Emissions Testing* to:

- Draft a vehicle emissions testing regulation change
- Formulate a business plan to expand emission testing statewide
- Develop an app to assist Coloradoans in locating testing, vehicle repair/ retrofitting solutions, and financial assistance



(Holley, Garvey)



### 4. Results

The coalition's deliverables will be used to obtain a hearing with Colorado's Air Quality Control Commission to affect a revision to the Colorado Code of Regulations such that vehicle emissions testing will be required equitably across the state.

↓ **99%**

Reduction in GHG Emissions within Colorado's Transportation Sector

↓ **27.2%**

Reduction in Colorado's GHG Emissions Overall



(Colorado, Taylor 5)

### 5. Acknowledgements

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