



**Transportation Policy**  
**E2Tech Expo 11/17/2016**

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Greater Portland Council of Governments



# My Work at GPCOG



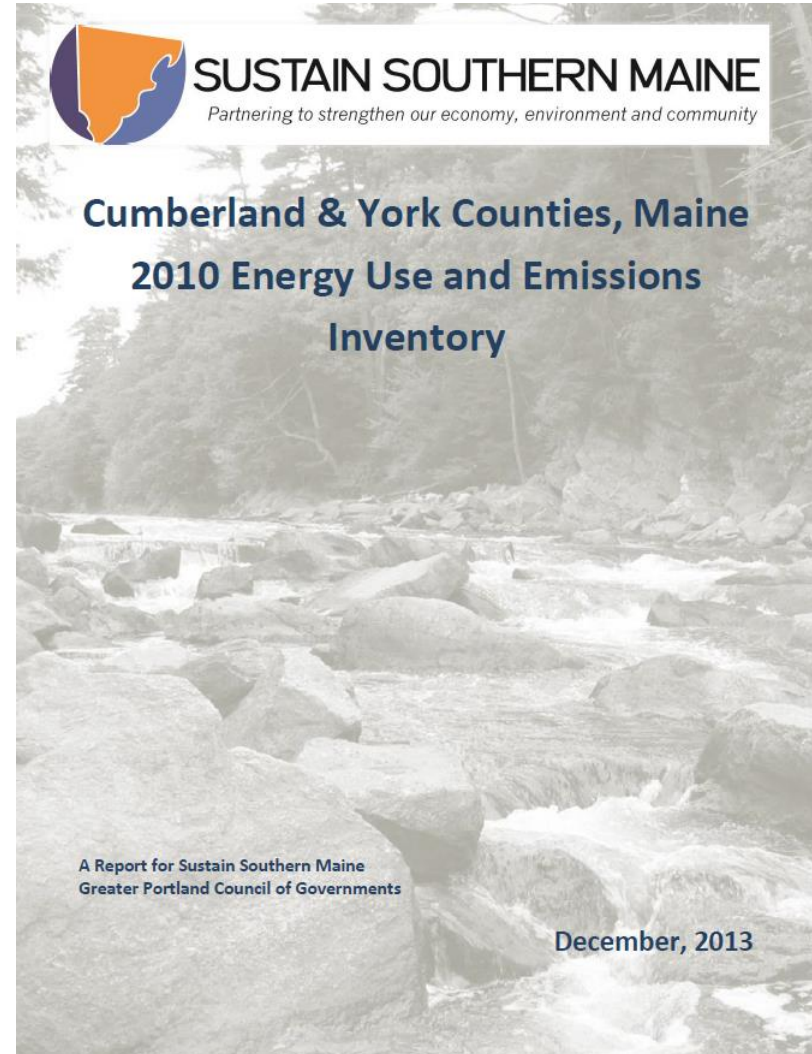


# My Work at GPCOG

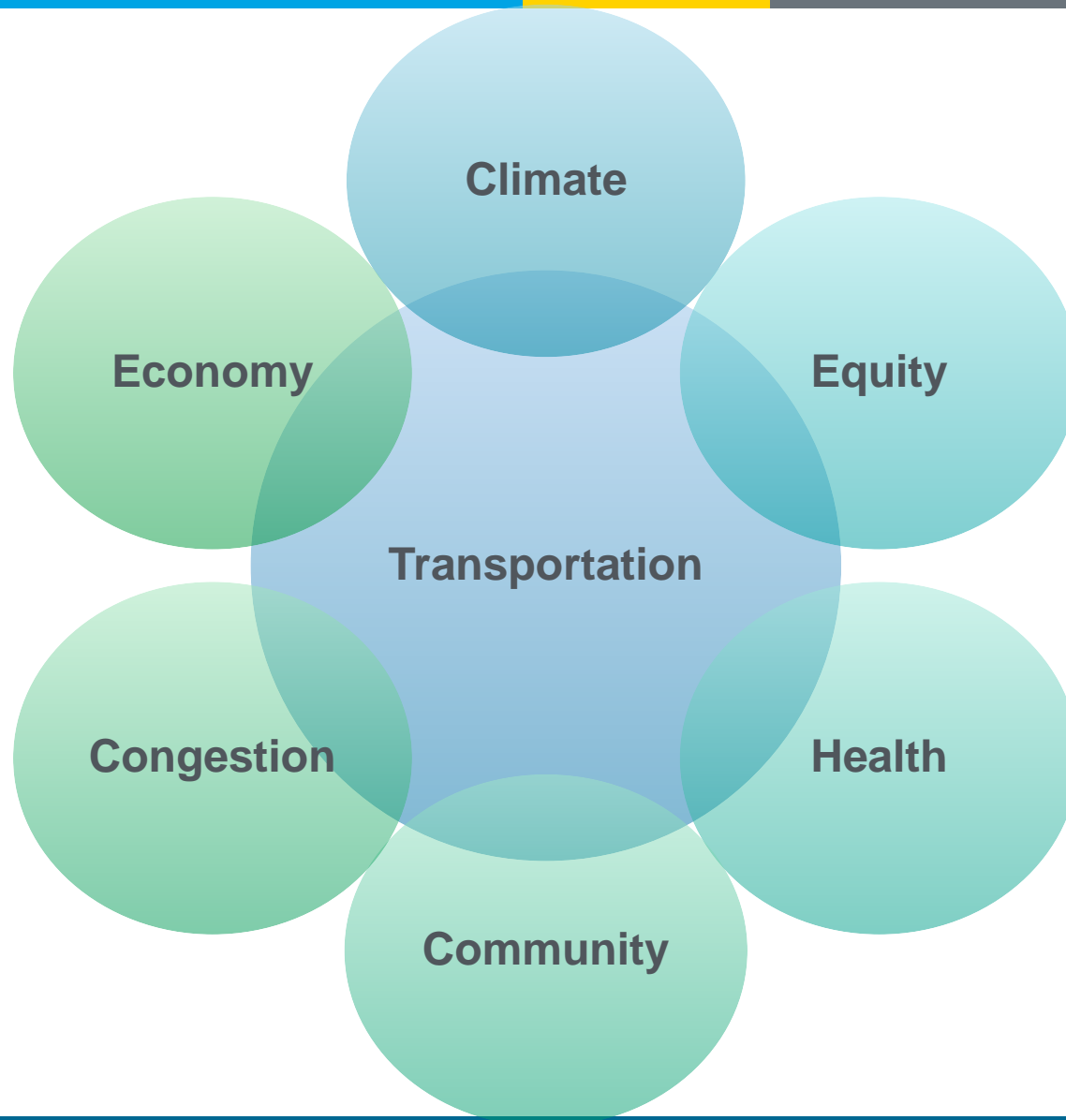




# My Work at GPCOG



# Transportation is important because of what it does, not what it is



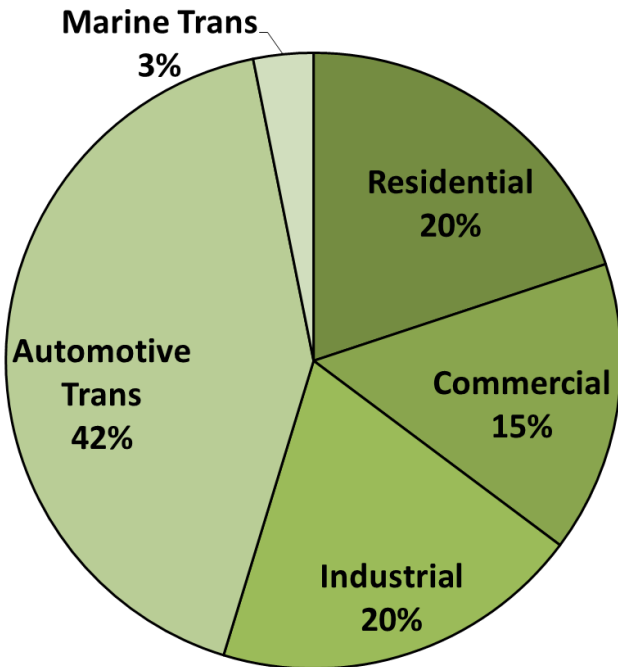


# Maine's Transportation Challenges

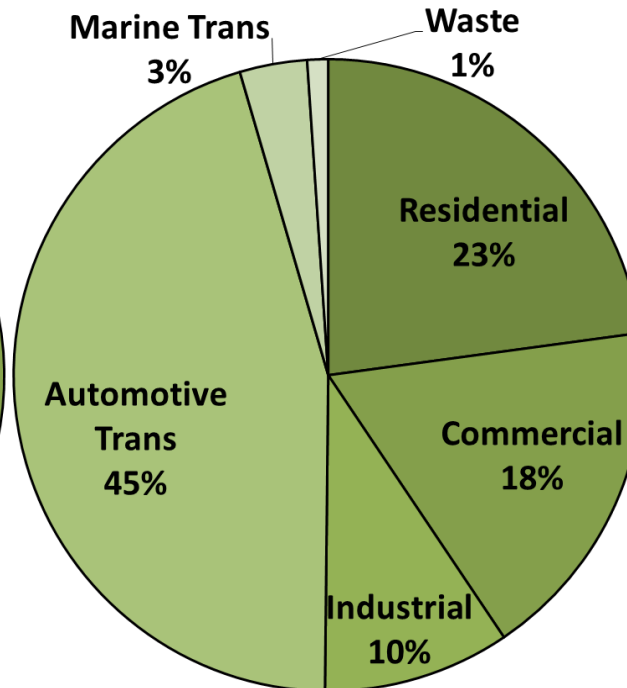


# Maine's Transportation Challenges

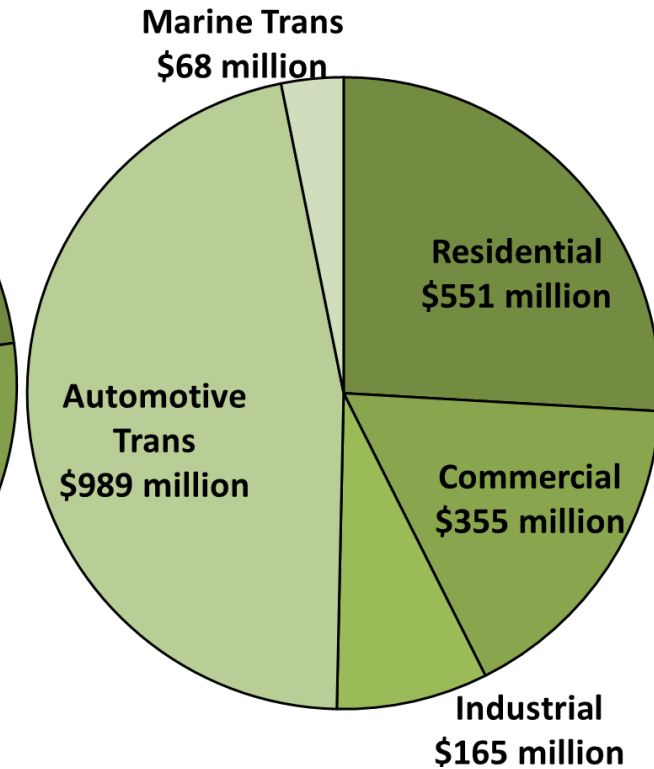
Energy Use (BTUs)



Emissions (metric tons CO<sub>2</sub>e)

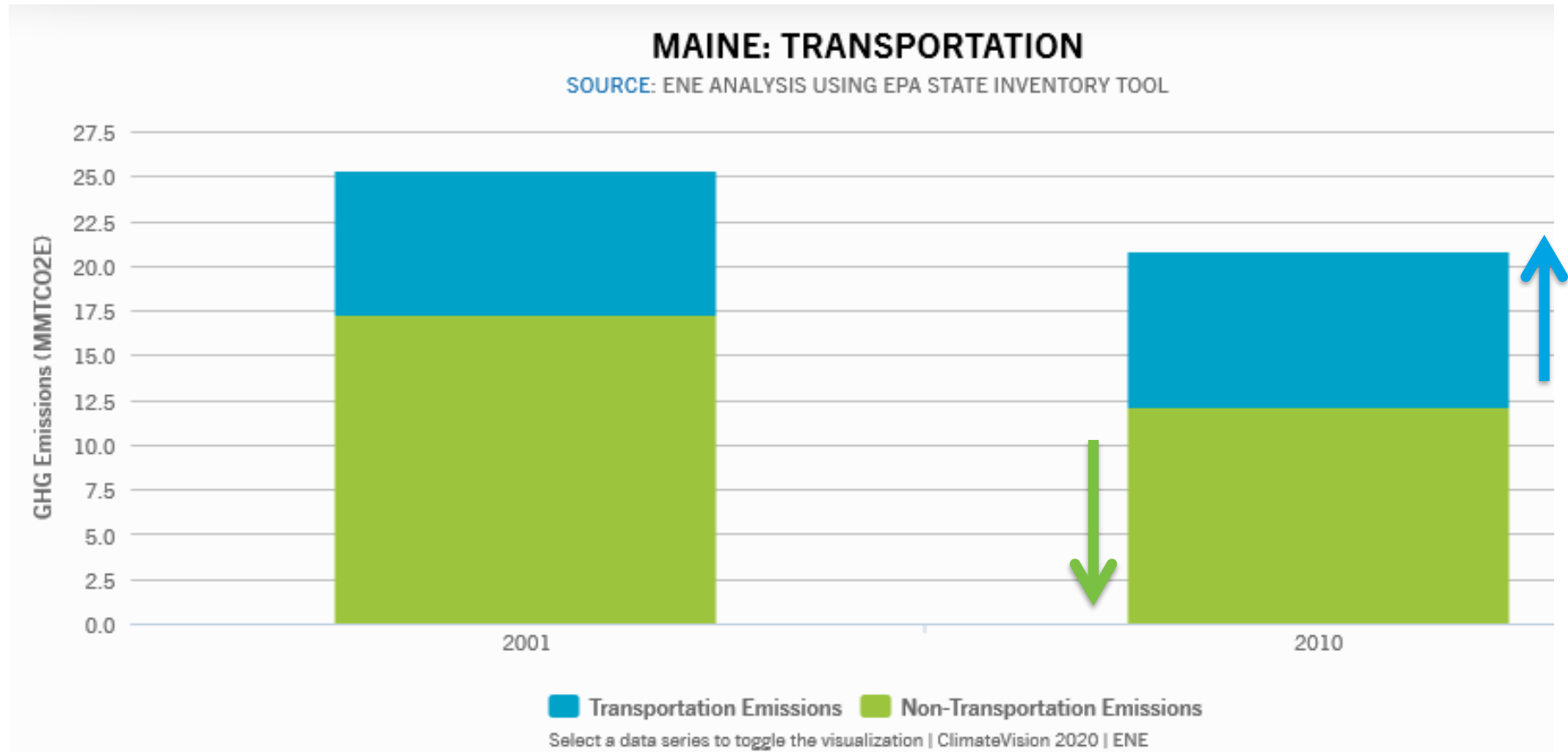


Costs (\$)



Southern Maine Energy Use & Emissions - 2010

# Maine's Transportation Challenges



Source – Acadia Center



# Trends



“The new love affair is with our smartphones, not our cars.” – *Rosabeth Kantor*





**4** simple steps  
to zipcar freedom



1.join



2.reserve



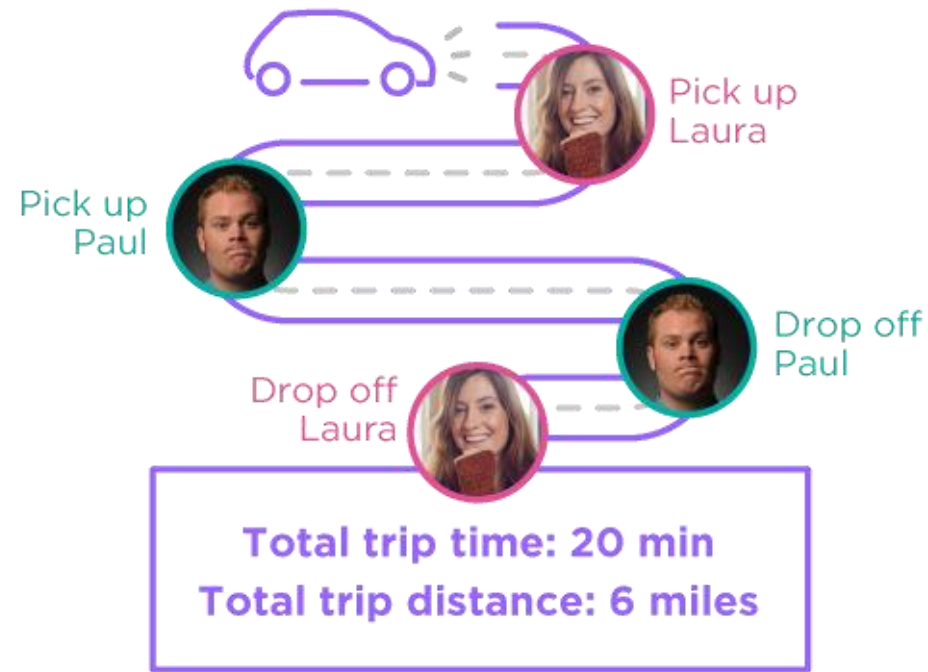
3.unlock



4.drive

## LYFT LINE

Your daily ride





# Trends



Verizon 8:53 PM 73%

Search Line or Destination

26

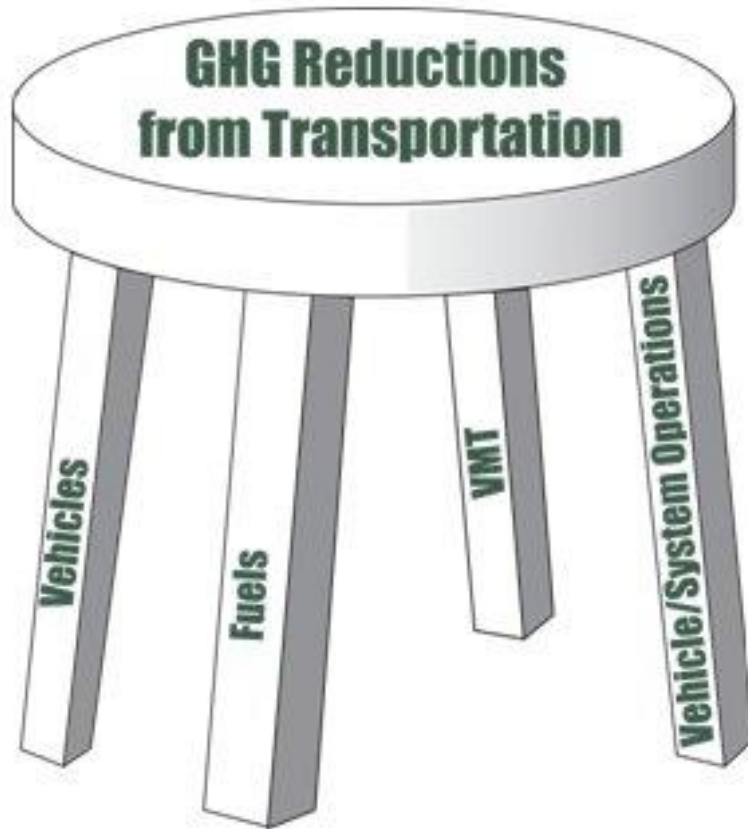
Map showing streets: Sheridan St, North St, Lafayette St, Vesper St, Beckett St, Romanco Ln, Cumberland.

1  
Rt1 - Ptc  
Congress St / North St  
21 minutes

UBER  
uberX  
4 minutes

9A  
Rt9a - N. Deering  
Congress St / Park St  
45 minutes  
LAST

PK  
Peaks Island  
Portland  
21 minutes



- Improving **vehicle** fuel efficiency
- Shifting to less carbon intensive **fuels**
- Improving the **operational efficiency** of cars and transport systems
- Changing travel behavior and development patterns in order to reduce vehicle miles travelled (**VMT**)



# Actions – Urban/Suburban



- Parking: Institute dynamic pricing
- Implement “form-based codes” and “Complete Streets”

- Support public transit
- Update zoning & planning for increasing density





# Actions – Urban/Suburban





# Actions – Rural Areas

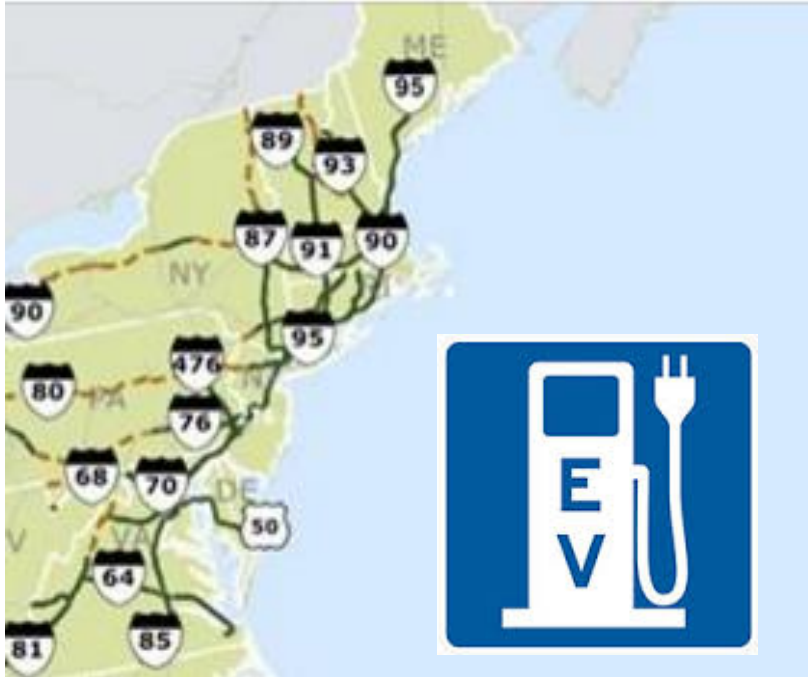


- Support zoning that preserves open/working land, and enables sensible downtown density
- Support increasing fuel economy standards



- Ensure ordinances and local programs support ridesharing and (eventually) autonomous vehicles

# Actions - Statewide



Provide low-carbon fueling stations along major transportation corridors and centers

Support the use of lower carbon fuels for heavy duty vehicles  
Increase the utilization of fuel efficient and low-carbon vehicles in municipal and state fleets







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