

PLANNING FOR CLEAN TRANSPORTATION

NYSACC CONFERENCE ON THE ENVIRONMENT

November 17,
2017



GREENHOUSE GAS EMISSIONS



Transportation

40%



**Industrial &
Commercial**

27%



Residential

17%



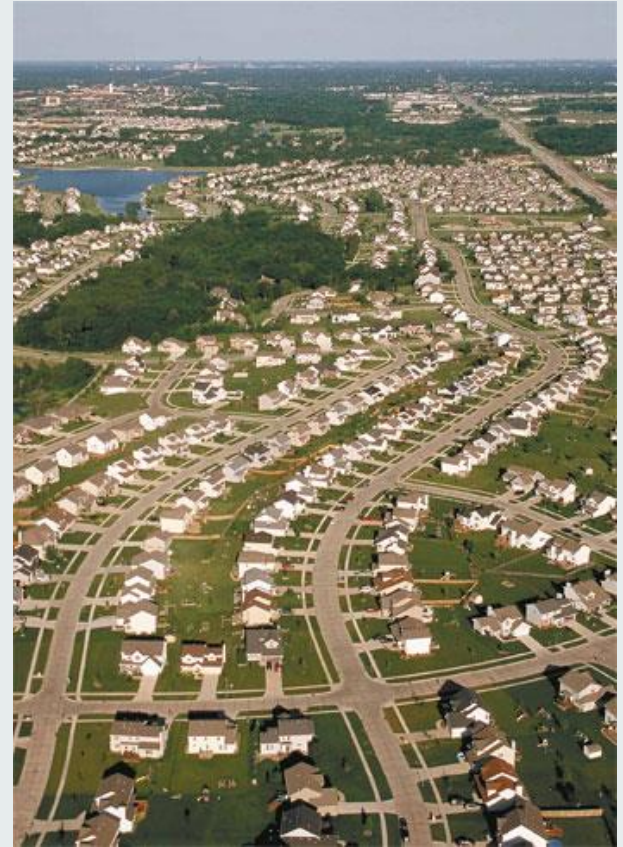
Other

16%

*Regional GHG Emissions by Sector
CDRPC, 2010*

TRANSPORTATION IMPACTS

- Climate change
- Land use
- Public health
- Economic development
- Job access
- Equity
- Housing choice & values
- Open space
- Farmland Protection
- Habitats
- Quality of life



FUEL DIVERSIFICATION & DISPLACEMENT

- Biodiesel
- Electricity
- Hydrogen
- Natural gas
- Propane
- Ethanol
- Idle reduction
- Fuel economy improvements
- Advanced vehicle technologies



COMPLETE STREETS

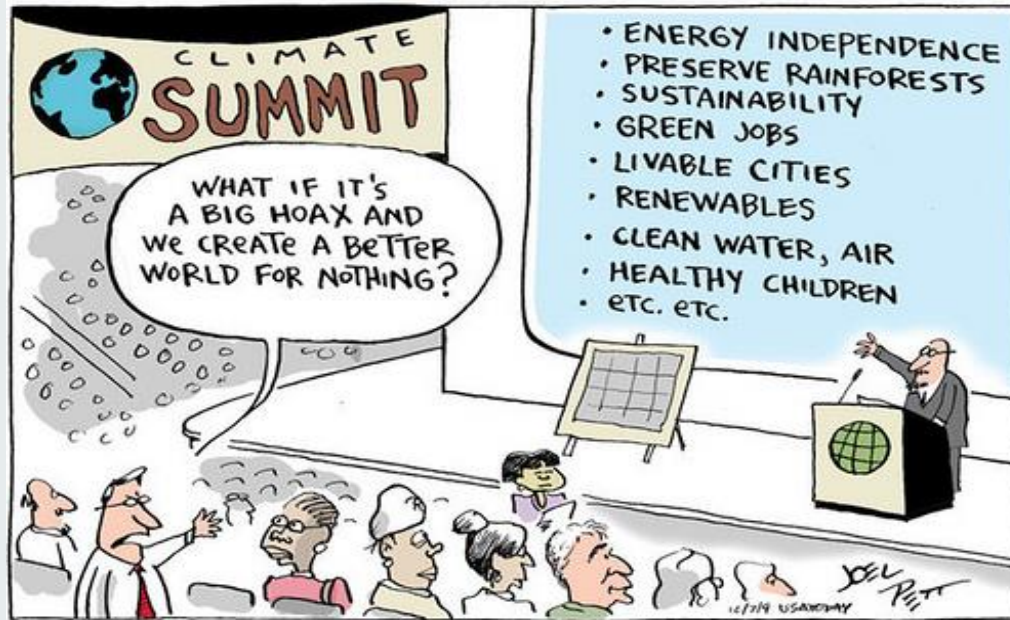
- Road diets
- Sidewalks
- Narrower travel lanes
- Safe pedestrian accommodations at intersections
- Bike lanes
- Traffic calming
- Transit accommodations



SMART CITIES & NEW MOBILITY

- Shared mobility services
- On-demand rideshare
- Transportation Network Companies (TNCs)
- Real-time transit info
- Smart parking
- Autonomous vehicles
- EV charging





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