

Opportunities to Reduce Adirondack GHG Emissions: Reflections on the GHG Inventory

The American Response to Climate Change

Tupper Lake, NY

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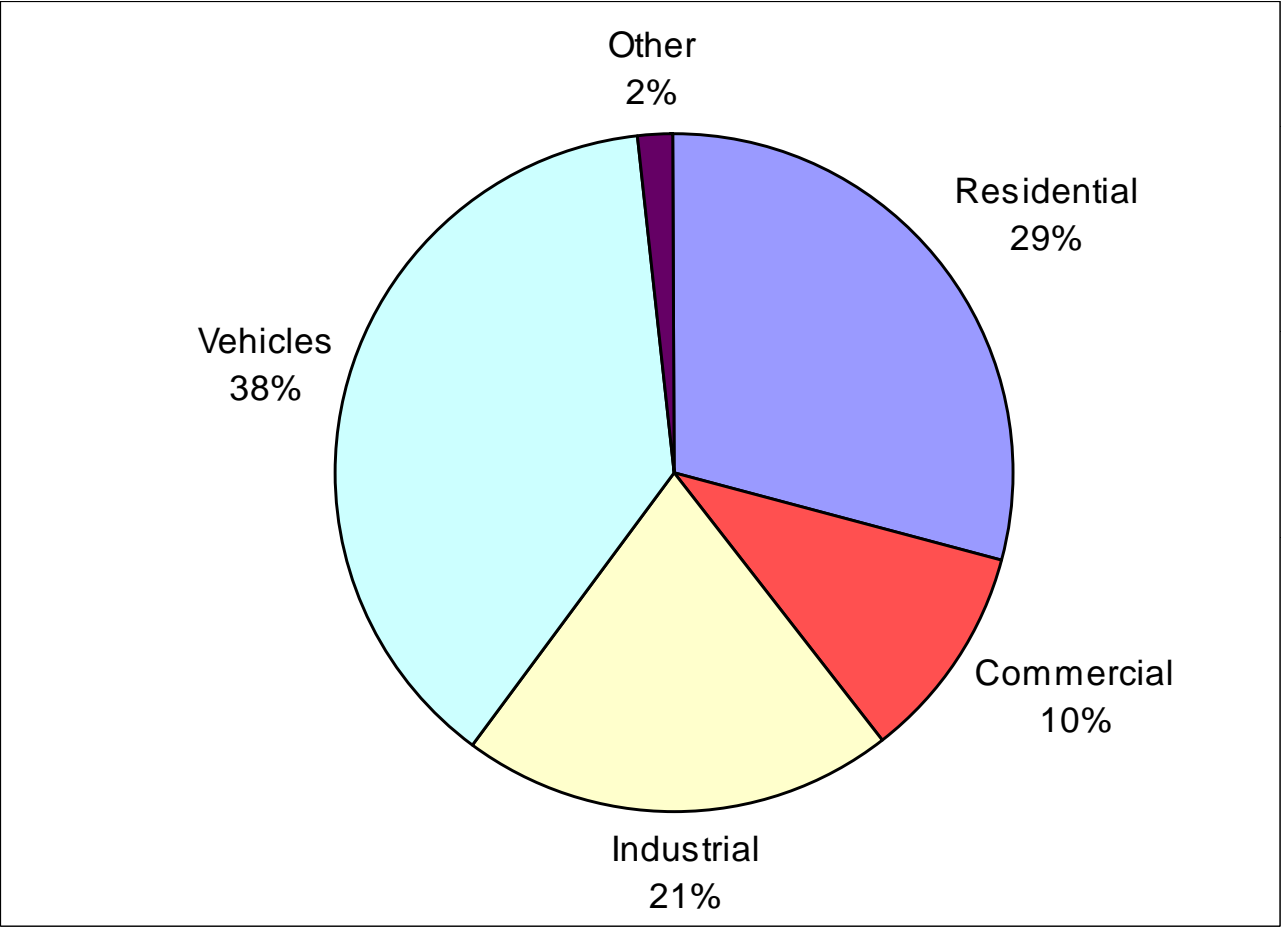
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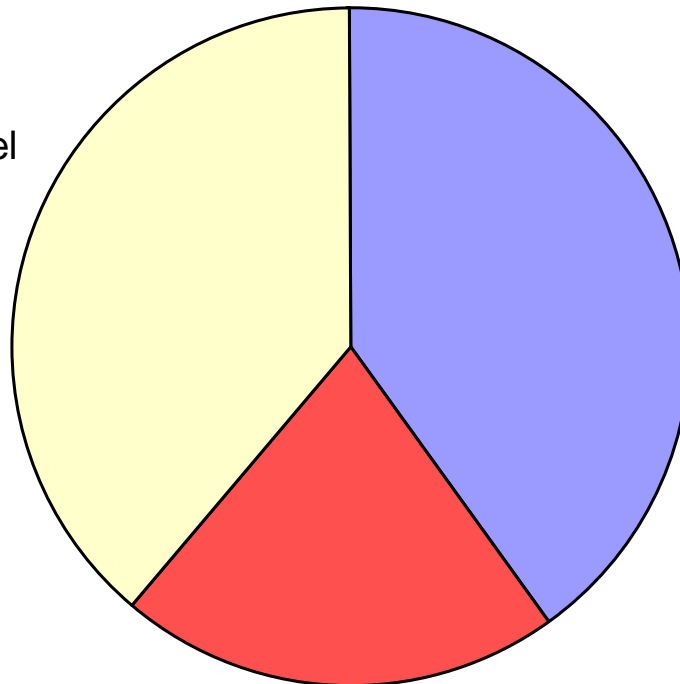
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Vehicle Fuel
Use
39%



Stationary Fuel
Use
40%

Electricity
21%

- 1. Building energy efficiency**
- 2. Space heating fuel switching**
- 3. District heating**
- 4. Mitigate vehicle emissions**

1. Building Energy Efficiency

- **High use of bulk fuels and cold climate improves payback**
- **High use of electricity heating**
- **Addresses high cost of living in region**
- **Potential for about 4 tons per year per household (HPP program). 10% of homes translates to 44 Mt**

2. Space Heating Fuel Switching

- **Especially to biomass**
- **Especially from electricity**
- **Substantial GHG savings**
- **Disproportionately large cost savings**

3. District Heating

for ex. village biomass cogen plant

- **Capital intensive**
- **Cost offset by monetizing carbon, RECs**

4. Mitigate vehicle emissions

- **Elephant in the room...**
- **Land use policies that favor denser development**
- **Visitor trip reductions**

Finally: Forestry management changes – jury out?

