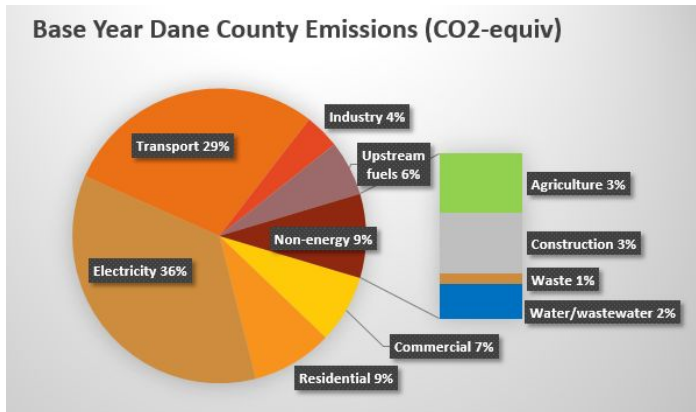


## Transitioning Transportation - Clean, Just, and Resilient



Based on 2017 data (see graphic from Dane County's Draft Climate Action Plan), the transportation sector accounts for 29% of emissions in Dane Co. Just electrifying vehicles won't solve many of the inequities and other negative impacts of our transportation system. It is vital that we work to get people into shared transportation or out of their cars.

### What's possible in emission reductions from transportation

Key strategies for emission reductions beyond electrification can be found in the *Road to Clean Transportation*, a report looking at Wisconsin, Minnesota, Ohio, Michigan, South and North Dakota, Indiana, and Iowa.

- Smart Growth and Compact Development: Emissions Reduction Potential – 5 to 16 percent by 2050.
- Public Transportation: Emissions Reduction Potential – 0.9 to 3.6 percent by 2050.
- Active Transportation [walking, biking etc.]: Emissions Reduction Potential – 0.4 to 1.1 percent by 2050.
- Shared Mobility [shared/multi-passenger options]: Emissions Reduction Potential – 1 to 4 percent.
- Smart Pricing [ending subsidies of high-carbon transportation]: Emissions Reduction Potential – 3.6 to 10.7 percent by 2050.

The full report can be found at <https://www.1kfriends.org/the-road-to-clean-transportation/>.

### Other benefits/considerations\*

- Shoring up and complementing emission reductions from other sectors like energy-efficient buildings and job centers.
- Connecting people to opportunities like jobs that are inaccessible to them due to income or mobility.
- Investing in multi-modal transportation systems that attract new businesses, return 3x the dollar invested, and advance recreation and tourism.
- Building a transportation system and land-use pattern that works for everyone to address equity and justice issues in our county by
  - changing historic zoning policies that perpetuate racial segregation,
  - linking affordable housing to jobs,
  - relieving the financial burdens of a car culture for those who do not drive or do not own a car, and
  - creating livable neighborhoods without the health burdens of traffic noise and air pollutants.
- Improving the health of a community and its members by promoting walking, biking and active transportation while reducing healthcare costs and improving air quality locally and regionally.

\*Ideas taken from a presentation to the Transportation & Land Use Working Group,

## **We would like to thank the following supporting organizations:**

1000 Friends of Wisconsin  
350.org Madison  
WI Council of the Blind & Visually Impaired  
Dane Co. Office of Energy & Climate Change  
First Unitarian Society  
League of Women Voters of Dane Co.  
Madison Area Bus Advocates  
Madison Bikes  
Sierra Student Coalition  
Sierra Club -- John Muir Chapter  
Sustain Dane  
WI Academy of Sciences Arts and Letters  
Wisconsin Public Interest Research Group  
**..and apologize to anyone we missed!**



## **Resources**

Dane Co. Climate Action Plan and Other Climate Information

<https://daneclimateaction.org/>

1000 Friends of Wisconsin toolkits: electric vehicles and multi-modal transportation

<https://www.1kfriends.org/toolkits-to-help-wisconsin-communities-meet-their-emission-goals/>

*Arrive Together, October 2018* - a report was done in partnership with: 1000 Friends of Wisconsin, WISDOM and WISDOM affiliates, the Wisconsin Council of the Blind and Visually Impaired, and the Chippewa Valley Transit Alliance

<https://www.sierraclub.org/wisconsin/newly-released-arrive-together-transportation-access-and-equity-wisconsin>

*The Road to Clean Transportation, August 2018* - 1000 Friends, WISPIRG & Frontier Group

<https://www.1kfriends.org/wp-content/uploads/2018/08/RoadToCleanTransportation.pdf>

## **What's Next**

### **March 11th Public Hearing on Madison Metro Service Changes**

Madison Municipal Building, 215 Martin Luther King Jr Blvd, Rm 215 from 6 PM - 9 PM

The Transportation Commission will hold a public hearing to discuss service changes proposed for August. For more details: <https://bit.ly/32vy90w>

### **March 18th Wisconsin Academy Climate Breakfast Series: Energy Use**

Wisconsin Academy Offices, 1922 University Ave, Madison, 7:30 AM - 8:45 AM

Breakfast discussion hosted by Chelsea Chandler will dive into energy use from all sectors including transportation.

### **April 9th Spring Meeting of the WI Transit Riders Alliance**

Madison Central Library, 201 West Mifflin St, Rm. 302 from 10:30 AM – 12:00 PM

“WisDOT's Role in Public Transportation”, David Simon, WI Dept of Transportation's Director, Bureau of Transit, Local Roads, Railroads & Harbors.

### **April 16th Get on Board Day**

Day of action on public transit. Stay tuned for activities and actions from the Four Lakes Group and other organizations.

### **April 21st Sustain Dane Sustainable Breakfast Series: Alternative Transportation**

The Spark Building, 821 E Washington Ave in Madison, 8AM-9:30AM, Optional Tour 9:45-10:45AM

Jessica Roberts and Shree Kalluri will share new approaches for improving the transportation sector, managing demand, and identifying opportunities for innovation. Post program tour of the Madison Metro Bus Barn and Green Cab Tesla. To learn more and RSVP, go to <https://sustaindane.org/sustain-dane-programs/>

Thank you for your interest in Transportation! Join the Climate Crew on the Four Lakes Group website <https://www.sierraclub.org/wisconsin/four-lakes/outings> or by contacting Liz Wessel at [lizard59sc@yahoo.com](mailto:lizard59sc@yahoo.com) or 608.238.9934.