

# Our Time in the House Transportation Committee

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Presentation to the House Committee on Transportation  
May 6, 2014  
9:00 AM

# Charlie Ross Environmental Public Service Practicum

- Students in this course work to promote positive changes in Vermont's environment, with an emphasis on expanding the use of alternative energy with a concomitant reduction in fossil fuel use.
- The course provides a service-learning experience through each student's participation and learning at the Vermont State House in Montpelier. This learning is reinforced through reflection papers, and weekly class discussions and presentations. Each student will have a Legislative mentor and will work with her or his mentor, with the support of the instructor and teaching assistant, to develop a productive service learning partnership. Service may be in the form of fact-finding research, memo-writing, constituent communications, note-taking, and/or thoughtful discussions with the mentors that allow these public servants to test ideas and further refine their own thinking. Students write proposals for modification and implementation of natural resource and environmental policy in Vermont.

# Olivia's Research

## Bill H.740 An Act Relating to Transportation Impact Fees

- Passed House & Senate May 2, 2014
- Transportation Demand Management (TDM):
  - Strategies to promote telecommuting, incentives to carpool or ride public transit, and staggered work shifts
  - Goal to reduce vehicle trips or redistribute vehicle trips
- Complete Streets
  - Act 34: Municipal Requirements Under the Act
  - *The purpose of this bill is to ensure that the needs of all users of Vermont's transportation system—including motorists, bicyclists, public transportation users, and pedestrians of all ages and abilities—are considered in all state and municipally managed transportation projects and project phases*

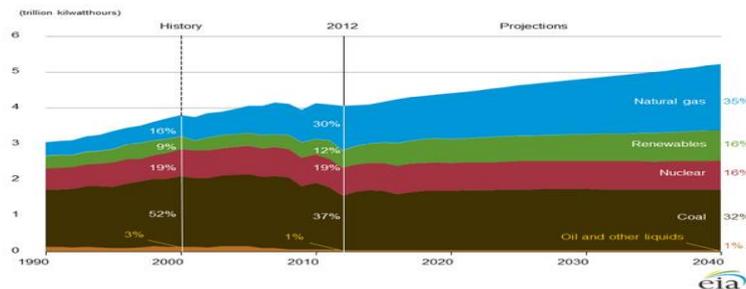
# Olivia's Policy Prospectus

- Possible Integration of Complete Streets & H.740's TDM
- Land Use and Circulation Element (LUCE) program in Santa Monica, California
  - *“integrate(s) land use and transportation to reduce vehicle trips, encourage walking, bicycling and transit use, and to create active pedestrian-oriented neighborhoods that allow people to meet their daily needs locally and with a variety of mobility choices”*
  - Uses the LUCE program to fund alternative transportation infrastructure
- The goal of LUCE is “No Net New Trips”, whereas the goal of H. 740 is to assign fees to those who cause new trips

# Nell's Research

- Electric Vehicle Charging Infrastructure
  - How can this be done with renewable energy?
- Bill H.0666
  - \$18 purchase and use tax
  - Income tax credit for 7.2% of cost and decreasing every year

Figure 13. Electricity generation by fuel, 1990-2040



# Nell's Policy Prospectus

- Disclosure of energy sources
- Percentage of energy renewable to effect charging cost
- H.0666 to give preference to renewable energy stations
- Charging stations to utilize preexisting generators
- Allow for higher price charge for renewable energy

# Big Picture

- 2011 Vermont's Comprehensive Energy Plan goal to have 90% of our energy needs from renewable sources by 2050
- Transportation is Vermont's largest source of greenhouse gas emissions (47%)
- Whereas nationally transportation is only 27% of greenhouse gas emissions

# Thank You for Everything!

