



2007-2008  
Year in Review

- **Clean Cities Events and Meetings**

## EVENTS

- June, 2007 - Udall Legacy Bus Tour



- Linked to UVM  
Transportation Center  
Signature Project #3

## VERMONT CLEAN CITIES COALITION



Linked to UVM Transportation Center  
Signature Project #2



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## VERMONT CLEAN CITIES COALITION



### EVENTS

- June, 2007 - Udall Legacy Bus Tour
- July 1, 2007 – UVM Transportation Center becomes host of the Vermont clean Cities Coalition
- September, 2007 - Public Transit Roundtable (60)



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**Brighter signs for rural transit**

September 22, 2007

By Tim Johnson

A gathering of rural public transit advocates in Vermont might justifiably be a session of mutual commiseration. After all, Vermont allots just a small fraction of its annual transportation budget (about 4 percent) to public transit -- highways are the priority. Moreover, Vermont is one of the most car-dependent states in the country, judging by per capita miles driven -- in part because it's so rural. Friday's round-table discussion at the

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- September, 2007 – Shelburne Harvest Festival (200)

## VERMONT CLEAN CITIES COALITION



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## VERMONT CLEAN CITIES COALITION




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# VERMONT CLEAN CITIES COALITION




**Vermont Biodiesel Conference Held**  
 POSTED: 4:26 pm EDT October 10, 2007  
 UPDATED: 5:07 pm EDT October 10, 2007

**BURLINGTON, Vt.** -- Biodiesel was the fuel of choice at third annual Vermont Biodiesel Conference held at the Davis Center Wednesday.


The low-emission form of diesel is made from feedstocks such as vegetable oil mixed with typical diesel and can be used in vehicles and heating appliances.

UVM is already using the fuel in the University's Fleet of diesel buses and so is the Chittenden County Transportation Authority. In all, 12 of Vermont's cities and towns are using the cleaner-burning fuel in town trucks and to heat town buildings.




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# VERMONT CLEAN CITIES COALITION




**VERMONT PUBLIC RADIO AND YOU**

**Tuesday October 9, 2007**  
**Vermont's Biodiesel Future**  
[Jane Lindholm](#) , Colchester, VT



The use of biofuels is growing in Vermont. Some experts now say biodiesel could eventually supply up to a quarter of the state's liquid fuel needs. The biodiesel industry could also be a source of jobs in Vermont, and it could be a boon to farmers-- a few of whom are already growing biofuel crops to power their tractors and feed their livestock. We discuss the pros and cons of biodiesel and Vermont's efforts to develop this potential fuel source.



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## VERMONT CLEAN CITIES COALITION



### Biodiesel conference Wednesday

Tuesday October 9, 2007

[Susan Keese](#)

Colchester, VT

(Host) Proponents of biodiesel gather for a conference in Burlington tomorrow to chart the future of the vegetable based fuel in Vermont.

They say it's possible biodiesel could supply Vermont's farms with their fuel needs - and boost the state's economy.

Ellen Kahler is the executive Director of the Vermont Sustainable Jobs Fund, which recently issued a report on the economic potential of biodeisel.

*(Kahler) "And what we found out was that somewhere between 50,000 and 90,000 acres in Vermont could be converted to oil seed crops. That would be on a rotational basis so it wouldn't be every year. But that would be basically enough to take care of all of the on-farm biodiesel needs of the farming community."*

(Host) Kahler says some farmers are already growing fuel crops and producing biodiesel for their own needs.

Nataka White of the Vermont Biofuels Association, says there's also commercial potential in producing biofuels.

He says the state could support up to three biodiesal facilities - each producing as much as two and half million gallons annually.

*(White) "And so some of the farms that have a bigger land base than they might need to meet their own needs could also be producing soy or sunflower or canola to supply that oil to those biodiesel plants."*

(Host) Biodiesel blends are also being offered by Vermont fuel dealers for home heating.

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## VERMONT CLEAN CITIES COALITION



Linked to UVM Transportation Center Faculty research



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## VERMONT CLEAN CITIES COALITION



VERMONT PUBLIC RADIO AND YOU

### **Interview: Nancy Gioia, on the future of plug-in hybrid vehicles**

Tuesday December 11, 2007

[Neal Charnoff](#)

Colchester, VT

The University of Vermont hosted a symposium today on the future of plug-in hybrid vehicles.

The symposium's keynote speaker was Nancy Gioia, director of sustainable mobility technologies and hybrid vehicle programs at Ford Motor Company. VPR's Neal Charnoff spoke with her following the symposium.

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### UVM, CVPS test hybrid-electric vehicles

Friday February 22, 2008

[Ross Sneyd](#)

Colchester, VT

(Host) A new research project has begun at the University of Vermont into new hybrid electric vehicle technology.

Central Vermont Public Service Corporation donated a "plug-in" hybrid electric car to UVM's Transportation Center.

Researcher Richard Watts says that car and several others around the state will be studied to see how effective the technology is in Vermont's climate and geography.

(Watts) "Those are some of the questions we want to look at. Because we're going to actually have several vehicles, we really want to understand how consumers will use these. How often they're going to plug them in. How much of the time they'll be driving on the electric side. What the impact on Vermont's electric grid might be of actual use."

(Host) Traditional hybrid cars have an electric engine but can switch to a gasoline version when needed. A plug-in version of the car allows the driver to plug a battery pack into an outlet so the car can operate on electricity for greater distances.

That helps to reduce pollution caused by burning gasoline. Forty-four percent of Vermont's carbon emissions come from transportation.

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- March, 2008 -Fairfax Sustainability Committee (20)
- April, 2008 - Stakeholders meeting



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# VERMONT CLEAN CITIES COALITION

- Clean Cities Events and Meetings
- e-newsletter

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# VERMONT CLEAN CITIES COALITION

## Newsletter

– Blog capability

## List

273 in 8/1/2007

654 on list 4/1/2008

- 39.8% Highest rate of Newsletter opens (11/01/07)
- 43% Highest rate of Clicks (3/21/08)

Compared with other sites

	Sent	Bounces	Opens	Clicks	Forwards
Overall	11826	8.7%	18.3%	35.7%	37.0%
				20.9%	8.9%
				0.2%	3.3%

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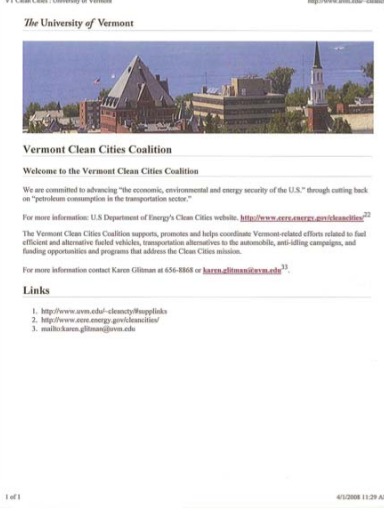
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- Clean Cities Events and Meetings
- e-newsletter
- Website


## VERMONT CLEAN CITIES COALITION



VT Clean Cities | University of Vermont
<http://www.uvm.edu/~cleancity/>



- Linked from UVM Transportation website
- Listed in UVM A-Z directory




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## VERMONT CLEAN CITIES COALITION



VT Clean Cities | University of Vermont
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- Clean Cities Events and Meetings
- e-newsletter
- Website
- Proposal Preparation



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## VERMONT CLEAN CITIES COALITION



- Grants sought:
- Hydrogen Education Development – 2 grants –  
Notice of award expected April 15



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## VERMONT CLEAN CITIES COALITION



- **Clean Cities Events and Meetings**
- **e-newsletter**
- **Website**
- **Proposal Preparation**
- **Database Development and Annual Report**



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- **Clean Cities Events and Meetings**
- **e-newsletter**
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- **Proposal Preparation**
- **Database Development and Annual Report**
- **National Representation**

### National representation

- Monthly conference calls
- List serve
- Regional Coordinator Peer Exchange – June, 2007
- Visit by DOE Mike Scarpino – July, 2007
- Visit by DOE Mike Scarpino – July, 2008
- Leadership Retreat – September, 2008

- Clean Cities Events and Meetings
- e-newsletter
- Website
- Proposal Preparation
- Database Development and Annual Report
- Clean Cities – Special Annual Event
- National Representation
- Reports

### **The Vermont Transportation Energy Report 2007 Vehicles, Fuels and Fuel Use in 2006**

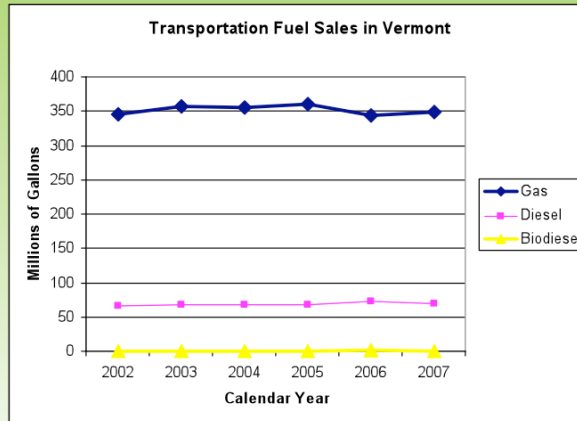


**In 2006, more than \$1 billion was spent in Vermont purchasing gasoline and diesel, an increase of more than \$500 million since 2002.**

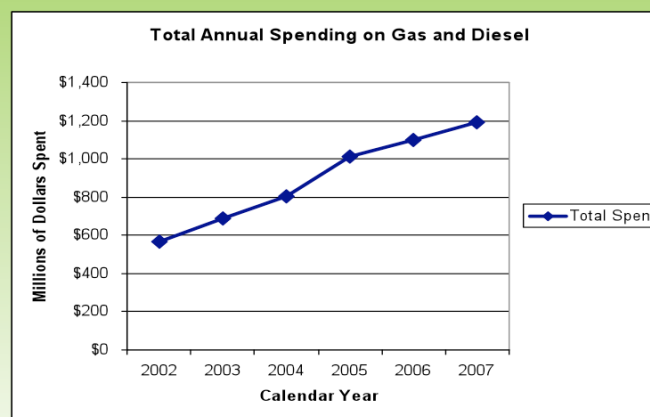
Submitted by  
Elaine Wang, Graduate Student Intern, UVM Transportation Center  
Richard Watts, Ph.D, Senior Research Analyst, UVM Transportation Center  
Karen Glitman, Clean Cities Coordinator, UVM Transportation Center

July 27, 2007

## Vermont Gas Sales Flat



## Gas Sales Flat – Costs Sharply Higher





## VERMONT CLEAN CITIES COALITION

### Research Synergy

- Plug-in Hybrids – with Green Mountain College and 3 VT Electric Companies (UTC)
- Signature Project #2 Emissions
- Signature Project #3 Tourism – green coach certification
- Signature Project #5 Scalable energy model
- Demand for Walking/Biking to Work (CALS)
- Electric Car Battery Technology (CEMS)

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## Research Expo

May 12, 2008

4:00 – 5:00 p.m.

Grand Maple Ballroom

Davis Center

UVM

## Vermont Clean Car Show

April 22, 2008

11:00 – 1:00 p.m.

Church Street

Burlington

Funding outlook:

- \$12,500 CC – DOE
- \$15,000 SEP - DOE