



Sustain Mid Maine Coalition



Welcome!

Sustain Mid Maine Coalition Annual Meeting
Sustaining Sustainability

January 7, 2011

Waterville City Council Chambers

8:30-12:00



What is Sustainability?

Sustainability refers to the “forms of progress that meet the needs of the present without compromising the ability of future generations to meet their needs.”

(World Commission on Environment and Development)

Agenda

- ⊙ **8:30-9:00** Meet, Eat, & Greet
- ⊙ **9:00 - 9:15** Introduction: Mike H & Linda
- ⊙ **9:15 - 11:15** Team Reports
- ⊙ **BOARD** (Mike Heavener)
- ⊙ **TRANSPORTATION** (Jim Wood)
- ⊙ **EDUCATION** (Melissa Hackett)
- ⊙ **RETHINK, REDUCE, REUSE & RECYCLE** (Ross Nason)
- ⊙ **LOCAL FOODS** (Mary Dunn, Kate Newkirk, Cindy Owing)
- ⊙ **ENERGY** (John Joseph)
- ⊙ **11:15-11:50** brainstorm ideas to improve fundraising, recruitment, communications
- ⊙ **11:50-12:00** summarize accomplishments & closing



Volunteer Hours

January	51 People	218 Hours
February	35 People	292 Hours
March	40 People	143 Hours
April	31 People	99 Hours
May	32 People	81 Hours
June	11 People	112 Hours



Volunteer Hours

July	19 People	60 Hours
August	57 People	205 Hours
September	32 People	97 Hours
October	41 People	142 Hours
November	39 People	126 Hours
December	23 people	77 Hours



THANK YOU!

Ninety-two people volunteered approximately 1699 hours to Sustain Mid Maine Coalition.



Volunteers Are Valuable!

According to the December issue of AARP Bulletin, “the estimated dollar value of a volunteer hour in the state of Maine is \$16.53.”



WOW! Volunteers Are Valuable!

Using AARP's suggested monetary value, that means estimated value of Sustain Mid Maine Coalition's volunteers is \$28,084.47.



BOARD OF DIRECTORS

- ◎ Mike Heavener, president
- ◎ Mike Roy, vice president
- ◎ Marilyn Canavan
- ◎ Doug Carnrick
- ◎ Sally Harwood
- ◎ John Joseph
- ◎ Elery Keene

Board of Directors





Board of Directors Volunteer Hours

The Board of Directors volunteered approximately 227 hours.

Grants Received in 2011

- ① \$500 from Johnny's Selected Seeds
- ① \$1250 from Starbucks
- ① \$500 from State Planning Office
- ① \$1500 from New England Grassroots Environmental Fund



Sustaining Sustainability Challenges

- ③ Financial Stability
- ③ Volunteer Recruitment
- ③ Public Awareness

Transportation Team

⊙ **Jim Wood, Chair**

⊙ Bill Basford

⊙ Ann Beverage

⊙ Doug Carrick

⊙ Tina Chapman

⊙ Peter Garrett

⊙ Chris Huck

⊙ Elery Keene

⊙ Ross Nason

⊙ Penny Vaillencourt

⊙ Rosemary Winslow



Transportation Team Volunteer Hours

Eleven team members volunteered approximately 129 hours. This figure does not include the 3 Colby students who volunteered 30 hours to prepare a project about ridership on the *Kennebec Explorer*.

KENNEBEC EXPLORER



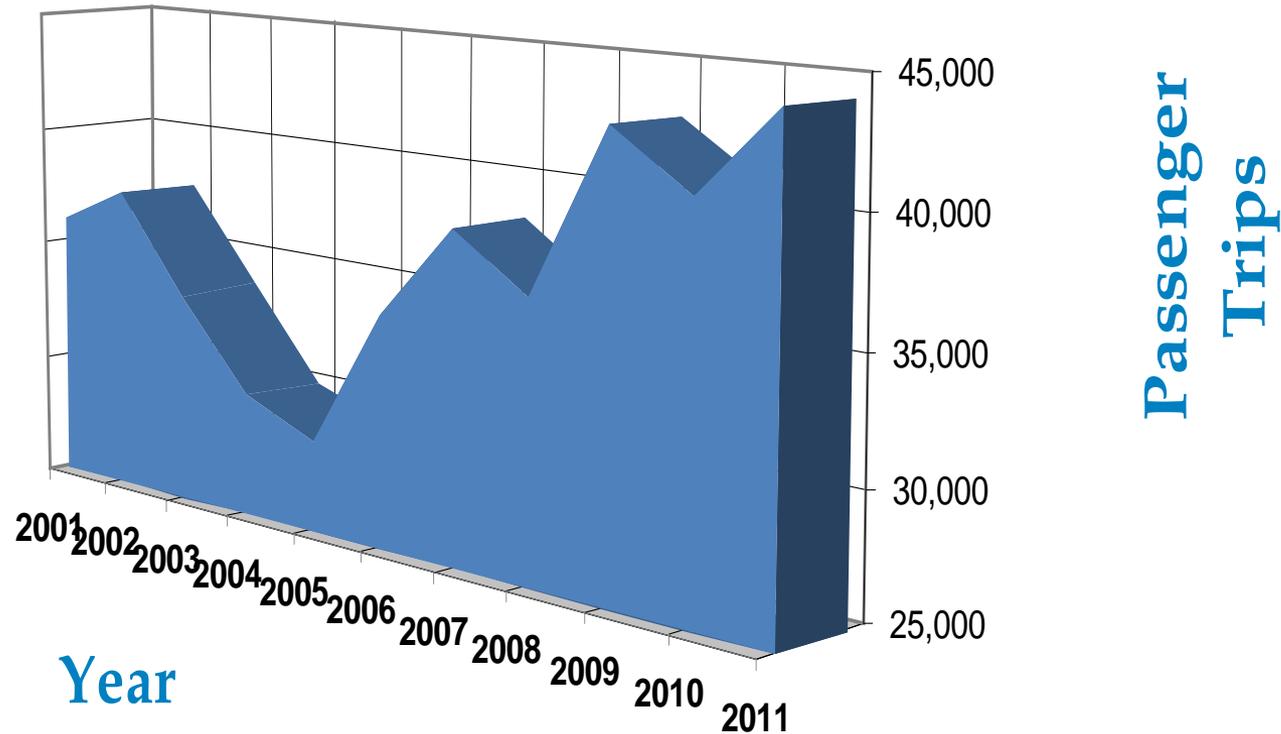
kennebec
explorer



KV Transit/Kennebec Explorer

Deviated Fixed-Route Public Transportation

2001 - 2011



Walking at Quarry Rd.



Mountain Biking at Quarry Rd.



With the addition of the new trails at Quarry Road, we have over 30 miles in Waterville and 4 surrounding towns.





EDUCATION TEAM

- ◎ **Melissa Hackett, chair**
- ◎ Bill Basford
- ◎ Iver Lofving
- ◎ Linda Woods



Education Team Volunteer Hours

Three team members volunteered approximately 25 hours.

Would you be interested in joining this team?
If so, please contact Melissa Hackett or Linda Woods.

Green Bean Movie Scene

March 25

Carter Hall KVCC

Free Environmental Movies

- ⊙ *Efficiency Maine's The Green Team Report*
- ⊙ *Trashed*
- ⊙ *A Sense of Wonder*



Waterville Earth Day Move & Groove

Saturday, April 23, 2011

5K walk-jog-bike, downtown clean up, free bike
check ups, live music, more

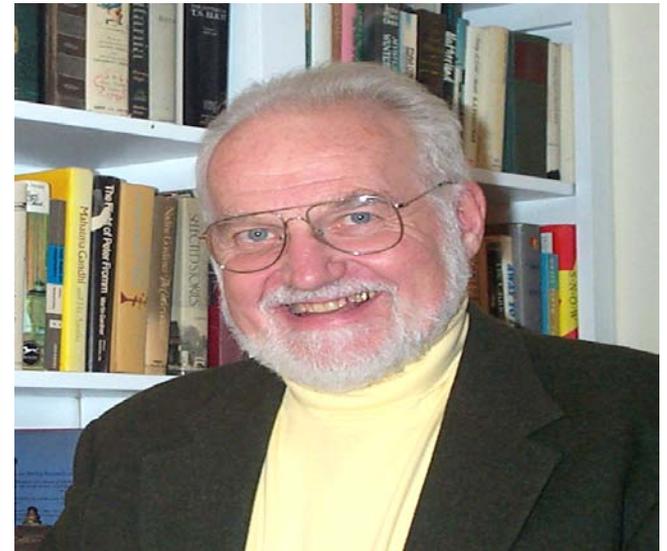
Displays and interactive exhibits on the benefits of
being green

Move to Make a Difference (350.org Day)



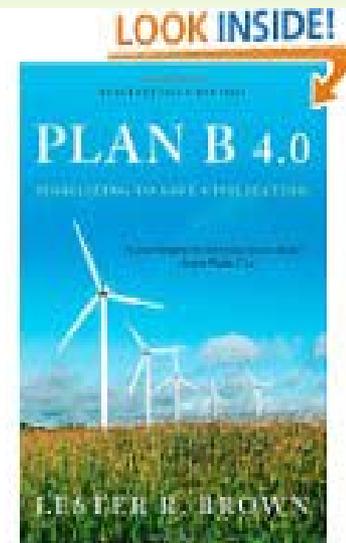
Climate Change: Where Do We Stand? What Do We Do?

NOVEMBER 28 at 7:00
Waterville Public Library
Speaker: Paul Kando of The Climate Project



Plan B by Lester Brown

The Education Team is planning to host a book discussion group beginning in mid-February. Books are available from Linda. Let her know if you are interested.



RETHINK, REDUCE, REUSE, RECYCLE TEAM

- ◎ **Ross Nason, chair**
- ◎ Blanche Davison
- ◎ Jim Easton
- ◎ Geoff Hill
- ◎ Elery Keene
- ◎ Tom Longstaff
- ◎ Christian Savage
- ◎ Lass Von Appen



Rethink, Reduce, Reuse, Recycle Volunteer Hours

Ten team members volunteered approximately 227 hours. This figure does not include the 12 adults who volunteered 36 hours and 12 students who volunteered 20 hours to help with composting at The Taste of Waterville.

Composting at the Taste



Composting at the Taste



New Signs at Skills Recycling Facility



New Signs at Skills Recycling Facility (Before & After)





LOCAL FOODS TEAM

- ⊙ **Stu Silverstein, chair**
- ⊙ Angela Bouchard
- ⊙ Michael Donihue
- ⊙ Mary Dunn
- ⊙ Nancy Emery
- ⊙ Caragh Fitzgerald
- ⊙ Sally Harwood
- ⊙ Mike Heavener
- ⊙ Kate Newkirk
- ⊙ Susan MacKenzie
- ⊙ Cindy Owing
- ⊙ Laura Patterson
- ⊙ Ellen Paul



Local Foods Team Volunteer Hours

Eight Local Foods Team members volunteered approximately 169 hours. This figure does not represent the countless hours the gardeners themselves voluntarily took care of their garden plots.

Hall School Garden Club



Hall School Garden Club



Winslow Community Garden



Winslow's Youngest Gardeners



North Street Community Garden



North Street Community Garden





Sustain Mid-Maine Energy Team

Residential Energy Team

⊙ **John Joseph, chair**

⊙ Bill Basford

⊙ Greg Brown

⊙ Chris Bryan

⊙ Steve Erario

⊙ Ray Huard

⊙ Charlie Holly

⊙ Gus Libby

⊙ Elery Keene

⊙ John Reuthe

⊙ Richard Thomas

⊙ Tom Tietenberg



Residential Energy Volunteer Hours

Eighteen Residential Energy Team members
volunteered approximately 322 hours.

EECBG WRITERS



The **Mission** of the Sustainability Committee is to promote energy conservation and alternative energy use for City residents, businesses and municipal operations, thereby reducing energy costs for taxpayers while also cutting harmful greenhouse gas emissions.



ENERGY GOALS

Reduce the cost of energy

Reduce the risk of energy price escalations

Create jobs in the energy industry

Utilize indigenous renewable resources

Attract and expand business

Help protect jobs in existing business

Reduce cost of living in the region

Distinguish the region through community energy development success

First Step is Conservation

Drilling for Oil in Maine

Coordinating with EMT, Area Colleges, KVCC, KVCAP, Local Business, State & Regional Agencies

Energy Efficiency Community Block Grant
Residential Project (Volunteer effort)
Grant \$170,000

RESIDENTIAL PROGRAM ACCOMPLISHMENTS SEPT 10-DEC 2011

- ◎ 254 Energy Consultations
- ◎ 239 Energy Audits in 121 structures
 - 39 multi family
 - 82 single family
- ◎ 104 Weatherization Housing Units
- ◎ \$833,040 of Total Investment (\$27,150 incentives)
 - ◎ \$8850 available for incentives
- ◎ 53,000 gallons Annual Fuel Savings
- ◎ \$185,500 Annual \$ Savings @ \$3.50

Community Energy District Team Volunteer Hours

- ⊙ **John Joseph, chair**
- ⊙ Bill Basford
- ⊙ Dana Doran
- ⊙ Greg Hale
- ⊙ Mike Heavener
- ⊙ Ray Huard
- ⊙ Elery Keene
- ⊙ Gus Libby
- ⊙ John Reuthe
- ⊙ Darryl Sterling
- ⊙ Richard Thomas
- ⊙ Tom Tietenberg



Community Energy District Team

Twelve Community Energy District Team
members volunteered approximately 600 hours.

Receiving the Hastings Award from Efficiency Maine





Mid-Maine Community Energy District

Pro-Active ECONOMIC DEVELOPMENT Creating Competitive Advantage

Energy is critical to economic development

Lower & stable energy costs will attract & protect jobs

New Quality Jobs are critical to the Mid-Maine Area

Mid-Maine resources offer great potential

Investment opportunities exist to create competitive advantage

ENERGY LOAD ANALYSIS

Total 20,000,000 gallons
Or \$70,000,000 annually

Heating Load

Building Size (sq ft)	0K-10K	10K-20K	20K-30K	30K-40K	40K-50K	50K>
Waterville	9,504,000	577,500	300,000	227,500	202,500	1,000,000
Winslow	6,596,000	135,000	100,000	35,000	22,500	320,000

Initial Estimates



Planning Beyond Conservation

Subject to
Evaluation

Biomass

Anaerobic Digester/ Sewerage Treatment Plant

Municipal Waste

Natural Gas

Geothermal

Solar Thermal / Solar Power

Air Source Heat Pumps

Internal Combustion Engines- Wood/ Diesel/ Natural Gas

Wind

Hydro

Fluidized bed boiler with multi fuels

Municipal purchase of electricity

Tire derived chips

Construction and Demolition Waste

Fuel Cells

Local Land fill gas



TARGETING SECTORS FOR ECONOMIC DEVELOPMENT

Organic Dairy/ Milk, cheese, yogurt
Meat packing
Ice making
Datacenter
Manufacturing of wood pellets
Composite fiber materials
Fish Farming
Brewery
Greenhouses

MID-MAINE COMPETITIVE ASSETS

- Strong Local Institutions
- Quality of Life
- Sense of Community Pride and History
- Community Infrastructure
- Industrial Infrastructure
- Multimodal Transportation Linkages
- Water Resources
- Forest Resources

Sustaining Sustainability Brainstorming

- © Financial Stability

Sustaining Sustainability Brainstorming

- ③ Volunteer Recruitment

Sustaining Sustainability Brainstorming

- © Public Awareness



Sustaining Sustainability

Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it is the only thing that ever has.

~Margaret Mead



Want to learn more about Sustain Mid Maine Coalition?

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Sustain Mid Maine Coalition

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