

green news

NEWSLETTER OF THE GREEN DECADE COALITION / NEWTON



VOL.15 - NO. 1

JANUARY/FEBRUARY 2005

Cape Wind Project under scrutiny

The Board of the Green Decade Coalition/Newton has eagerly awaited the release of the Draft Environmental Impact Statement (DEIS) on the Cape Wind Project, produced by the US Army Corps of Engineers. The DEIS is now available, and as vice-chair of the Energy Committee and as a professional ecologist (and amateur bird watcher), I agreed to read the 26 page Executive Summary and report back to the Board with the main points and my recommendations.

What I found is that the biological impacts are expected to be quite small, and there will likely be some benefits. Bottom-dwelling invertebrates (worms, lobsters) will surely be harmed or displaced during construction of the 130 towers, but compared to the total area of Nantucket Sound these impacts will be miniscule. Marine mammals, fish, and other highly mobile aquatic organisms are not expected to be harmed by the towers, which will be about 0.5 mile apart. However, the DEIS predicts that about one bird will be killed each day, by colliding with the spinning turbine blades. Based on the DEIS descriptions of bird flight patterns in the Sound, it appears that gulls (and not the nationally endangered roseate terns or piping plovers) will be the group most affected.

For perspective, it is useful to note that the fossil-fuel powered electricity generators located along our coasts have been responsible for much harm to wildlife over the years, due to spills into local waterways during fuel shipments. Fossil-fuel combustion also harms human health and wildlife, due to formation of ground-level

ozone and emissions of mercury and other toxins. Fossil fuels are also rising in price and will eventually be entirely consumed. The Cape Wind turbines are expected to reduce demand at local power plants, and should therefore

(continued on page 2)

President's letter

Dear Friends,

With wishes for a healthy new year, we invite you to attend GDC's January 24th Speakers Series at the Newton Library: the 2005 Environmental Forecast! Find out about initiatives and actions we can take daily to make a difference! Network and have fun! Our guests include Mayor Cohen and prominent local environmental leaders. (See the enclosed flyer)

Global warming is here – no one should ignore it. The U.S. has 4% of the world's population but produces 25% of the world's carbon dioxide pollution. We must encourage action by everyone, everywhere.

Thinking about global warming and tragic events around the world can be gloomy. Here is a recent email message that reminds me to count my blessings: If you have food in your refrigerator, clothes on your back, a roof over your head and a place to sleep, you are richer than 75% of this world. If you have money in the bank, in your wallet and spare change in a dish someplace, you are among the top 8% of the world's wealthy. If you have never experienced the danger of battle, the loneliness of imprisonment, the agony of torture, or the pangs of starvation, you're way ahead of the rest of the world. If you can read this message, you are more blessed than over two billion people in the world who cannot read at all.

Now is the time to join GDC for 2005. We had over 360 members in 2004, and hundreds more donating in other ways. Membership dues and accompanying contributions accounted for nearly 50% of our 2004 revenues! This vital support underwrites the GDC budget. We are 99.5% volunteer. Please mail in the enclosed coupon today. Membership also makes a wonderful gift.

We are delighted to welcome new board member Paul Eldrenkamp of Byggmeister, Inc. who has joined the GDC Board as the Kyoto Project Chairperson.

Look through this newsletter and visit www.greendecade.org for volunteer opportunities as well as up-to-date information, resources, links and events! Take part, be part of the solution.

Hope to see you at an upcoming event!
Happy New Year,

Beverly Droz

The Green Decade Coalition/Newton
Co-sponsored with the Newton Free Library
Environmental Speaker Series at
Newton Free Library
Druker Auditorium

Monday, January 24 at 7:00pm
"Newton's State of
the Environment 2005"

Mayor David Cohen will join a panel of local environmental groups to discuss local environmental efforts, actions, and forecasts for an in-depth look at the status of environmental programs in Newton. Water and air quality, solid waste, transportation, pesticides, open space and energy will all be on the agenda.

Join us at these free public presentations!

Refreshments - Please bring your own mug

For information call 965-1995

Sign up for the Environmental Science Program!

"Envi Sci" needs year round support. It is a unique summer program that lets students enjoy exploring the wilderness while learning about the environment. Every year, students have fun hiking, biking, canoeing, and

Wind Project under scrutiny

reduce the cost of electricity to local consumers and reduce emissions of CO₂ and of a variety of pollutants as well.

Taking a step back from the local context, recent predictions about impacts of escalating carbon dioxide emissions on climate and therefore on species globally are truly alarming, with many extinctions likely. Most biologists, myself included, see Cape Wind as a small step down a long road towards a less harmful energy future.

In sum, for its net economic and environmental benefits, and for the healthy debate it is generating about our nation's energy use, I have urged the Green Decade Coalition/Newton Board to support Cape Wind. A few Board members disagree, objecting mainly on aesthetic grounds. Such dissent is also a source of healthy debate. It is true that the towers will be visible from parts of the Cape and islands, like distant masts, 1 to 2 inches tall (as measured from arm's length). Most environmentalists seem to feel that this is a small price to pay given the more serious risks on the horizon, due to our present way of life.

The Executive Summary and the entire DEIS is at www.nae.usace.army.mil/projects/ma/ccwf/deis.htm. Green Decade members may request a more complete "Summary of the Summary" at olson@brandeis.edu

by Eric Olson

Editor's note: Subsequent to the writing of this article, and after substantial dialogue looking at the many aspects of this issue, the board of directors of the Green Decade Coalition/Newton voted 14-2 to support the Cape Wind Project.

How to insulate an older home

A workshop called "Insulating your Older Home" will be presented by the Newton History Museum and the Green Decade Coalition/Newton, Sat. Feb. 12, 1-4pm at the Newton Corner branch library. The comfort and charm of older homes is undeniable – until the cold wind blows and the heating bill comes. Despite what you might have heard, it is possible to weatherize your older home without compromising its historic character or structural integrity. This homeowner-oriented introduction to residential building science includes a hands-on demonstration of energy audit tools such as blower doors and infrared cameras, as well as an objective survey of a variety of weatherization and energy-efficiency products and techniques. You'll leave this workshop with a better idea of how your house works – and doesn't work – and what you can safely and economically do to reduce its energy consumption. Admission: \$30. Reservations are required. *Limited seating. Call 617 965-1995 or e-mail: info@greendecade.org.*

climbing Mt. Washington, the tallest peak in the Northeast. They also participate in an environmental clean-up project. Up to 30 girls and boys who will be entering grades 7, 8, 9, or 10 participate. For details, call 617-969-0288 or e-mail: contact@newtonenvisci.org. Support from individuals or organizations is needed! For information, visit our website at: www.newtonenvisci.org. (*This program is part of the Newton Conservation Commission.*)

In the media

Green Decade runs two ongoing efforts that help spread the word about environmental problems and solutions:

(1) The TAB Environment page is a monthly feature, which always appears on the first Wednesday of each month.

(2) The Environmental Show is produced for NewTV by the Green Decade in partnership with The Newton Conservators. The next two shows will be broadcast starting Jan. 1 and Jan. 26 respectively for a 4-week duration, according to the following schedule: Tues: 11:30pm; Wed: 11:30pm; Thurs: 4:00pm and 7:30pm; Saturday: 10:00am.

The guest of the January show will be David Tannozzini, Electrical Engineer for the City of Newton. He will discuss what the city has been able to accomplish in energy efficiency projects and the use of renewable energy. The March show will address the topic of safe lawn and landscape care. The Newton Conservators' February show is "A Naturalist Looks at Cold Spring Park"

by Francoise LaMonica

Had a NOFA* experience?

One of GDC's most popular (and most requested) resources is the list of NOFA Accredited Organic Land Care Professionals. Over 50 organic garden and landscape professionals are included on this list – have you contacted or engaged any of them for your own use? NOFA is also an important resource of the GreenCAP Committee for Alternatives to Pesticides. If you'd like to share your "NOFA experience" story, please e-mail us at info@greendecade.org or call the GDC office at 617-965-1995. Watch for your story and others in the March-April Green News!

*Northeast Organic Farming Assoc. (www.organiclandcare.net)

Thanks ! and . . . next deadline

For the next newsletter, please send submissions or requests by e-mail to Ira Krepchin, irapk@alum.mit.edu by Friday, January 14, 2005.

Thanks for making this newsletter possible go to Managing Editor Ira Krepchin, Co-editors Peter Smith and Louise Bruyn, and those who wrote articles. Many thanks to our Newsletter Collator Chairs Marcia Cooper and Frank Propp, and their team for the last issue: Sarah Barnett, Hope Dauwalter, Jacqui and Amanda Gross, Brian Washburn. Lisa Wilson, and Edie Propp.

Help GreenCAP with its volunteer needs!

GreenCAP (The Committee for Alternatives to Pesticides) needs a few hours of your time. Most of these opportunities can be shared with one or more volunteers. We will provide orientation, guidance and support, and make it as much fun as possible!

1. Attend monthly Integrated Pest Management meetings at City Hall and report back to GreenCAP.
2. Outreach to religious institutions to schedule opportunities for GreenCAP to present our videos "Saying No to Pesticides" and "Organic Lawn Care."
3. Be a GreenCAP liaison to the Toxics Action Center and keep us informed.
4. Follow the MBTA spraying issue. Help GreenCAP work with our state representatives for legislation to stop it.
5. Monitor and act as liaison with GreenCAP about the weed control efforts along the Charles River.
6. Sign up now to help with specific tasks involved for our March (2005) Alternatives to Pesticides Month, including our 3/28/04 Environmental Speakers Series.
7. Be a GreenCAP Co-Chairperson and help us coordinate the tasks of the committee.

Contact GDC coordinator, Margaret Ford at info@greendecade.org, or call Bev Droz at 617 527-1916 to discuss.

GIVE the GIFT of GREEN DECADE

While the holidays are past, you can still give your friends and loved ones a 2005 GIFT MEMBERSHIP to Green Decade Coalition. (New Year's, birthday, Valentine's, anything!)

It's as easy as 1 - 2 - 3 !!!

1. Send in your payment of \$20 (or more if you'd like) per gift recipient. Make check payable to and mail to: **GDC/N, Box 590242, Newton, MA 02459.**
2. Provide their name and complete address.
3. Indicate when you would like them to receive the Gift Card (allow 3 weeks) and what it is for (birthday, anniversary, etc.)

We will send a thank you acknowledgment to you, and we will send the recipient an appropriate Gift Card from you. They will receive the "Green News" during 2005 along with membership benefits and other important environmental information.

Our Mission

The Green Decade Coalition/Newton is conducting a campaign to make a significant improvement in resource use by businesses, institutions, and residences in Newton. We establish goals and seek to achieve measurable results in energy and water use, waste disposal practices, and pollution prevention through research, education, and action. Our goal is to make Newton a model of ecological and environmental integrity in a sustainable world community.

When children talk energy, parents listen!

"Mom, these are the light bulbs I told you about, those are the ones that save energy. We need to buy those for our house." "I learned about climate change at school, and how we can all do something to save the planet." We know we are doing something right when we see children apply their knowledge in every day life.

Last Spring, as part of science week, children at Mason-Rice elementary school attended assemblies to learn about climate change. Katherine Gekas of the Green Decade Coalition/Newton, proposed to reach out to households in Newton through the schools. The idea was to get families talking about the ways we use energy and what we can do to reduce energy consumption and gas emissions. We asked Principal Mark Springer for advice on the best way to reach the children without adding another burden on the teachers. He thought it would be a good idea to teach the children about climate change as well as giving them tools to make changes on the local level. He suggested two assemblies, one for grades k-2 and another for grades 3-5.

We structured our program with two main components: a) assemblies to show a movie, a light bulb demonstration, and a period to answer questions, and b) a light bulb sale. We wanted the parents to get inspired by their kids to call and get a free energy audit for their homes, or at least change the incandescent light bulbs in their homes for efficient ones. At the assemblies the children saw a film produced by Heather Tausig (a Mason-Rice parent) at The New England Aquarium. The film defines global warming, shows the interdependence of habitats for humans, plants, and animals and encourages the viewer to take concrete actions.

The message is that by reducing energy consumption, we can reduce gas emissions, improve air quality, and help slow down global warming. The movie was followed by a period of questions and answers and a demonstration by Eric Olson (Green Decade member and a parent at the Horace Mann school). With the help of a bike he showed us the amount of effort needed to light up an energy efficient bulb versus an incandescent one. This was a big hit with the kids. At the end of the day, he set up his bike and let the kids experience for themselves how much more effort you need to light up the incandescent bulbs. In the weeks that followed the Kids Social Action Club coordinated a light bulb sale. This gave the children an outlet to make a difference locally and make an impact on a global level as well. We are organizing similar activities this year at Mason-Rice and we are hoping to bring the program to Horace-Mann school. Our goal is to create awareness about energy consumption in our community and to help make changes that not only help the planet but are solutions that save you money. If you want help organizing something like this in your school contact Ana Zarina Asuaje Solon or Katherine Gekas at Green Decade Coalition 617 965-1995 or e-mail info@greendecade.org.

CALENDAR

Jan 19 (Wed) 7pm	Green Decade Board Meeting Call for info & location: 965-1995.
Jan 24 (Mon) 7pm	"Newton's State of the Environment 2005" Mayor David Cohen, see front page Green Decade Environmental Speaker Series, Newton Free Library, call 965-1995
Feb 28 (Mon) 7pm	Prof. Michael Klare , author of <i>Resources Wars Env. Speaker Series</i> , Newton Free Library. Call 617 965 -1995 for info.
Mar 16 (Wed) 7pm	Green Decade Board Meeting Call for info & location: 965-1995.
Mar 28 (Mon) 7pm	Green Decade Environmental Speaker Series , Newton Free Library. Call 617 965 -1995 for info.
Jan 11, Feb 8 Apr 2 2-5pm	Ecological Landsc. Assoc. Winter Round tables , \$35-40ea. Call Bruce: 617 489-5050. Send environmental events to <i>Green News</i> email to Ira Krepchin by Friday, Nov. 14, 2005 irapk@alum.mit.edu. We will list as space permits.

Good news! Massachusetts next?

"Faced with a mounting disposal problem for discarded electronics, . . . Maine passed a law making electronics manufacturers responsible for recycling their products. E-waste is the fastest growing component of U.S. municipal waste streams. By 2006, an estimated 163,000 computers and televisions will become obsolete every day in the United States, amounting to almost 3,513 tons of waste. Electronics are laden with toxic substances, including brominated fire retardants, cadmium, lead and mercury. The Maine law resembles the European Union policy which requires computer makers to recycle their machines at no cost to the public and to phase out toxics"

—*"Indicators: States Tackle E-Waste."* by Krista Camenzind, page 7,8, *YES, a journal of positive futures*, Winter, 2005.

Printed with soy-based ink on 100% post-consumer waste unbleached recycled paper that is made without a chemical separation process.

Newton buys Angino Farm

A joyful burst of applause by onlookers followed the 20-4 vote of the Board of Aldermen to buy the Angino Farm. It meant the go-ahead for growing crops locally for a local market. Plans are being developed for making it available to the schools for educational purposes as well. The farm was purchased by money from the Community Preservation Act. Newton Conservators deserves enormous credit for their part in making this happen. Green Decade will be involved in helping to make the buildings and perhaps the farm machinery energy efficient. Volunteers will be needed for all sorts of jobs to bring this to fruition, so stay tuned.

by Louise Bruyn

MEMBERSHIP RENEWAL Reminder:

The Jan/Feb Newsletter is mailed to all past 2004 members. Our 2005 membership appeal will be mailed in mid-January. We encourage you to RENEW IMMEDIATELY by sending in your membership dues to: PO Box 590242, Newton, MA 02459 (Save us postage and mailing costs).

2004-2005 Board of Directors

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A powerful new energy choice for Newton

Newton residents and businesses can support renewable energy, earn grant dollars for the City, and get a tax deduction at the same time. The source of all these benefits is Clean Energy ChoiceSM, a new program from the Massachusetts Technology Collaborative (MTC).

Clean Energy Choice offers communities a way to help create a healthier, more diverse electricity supply that comes from the sun, wind, and plant matter. Anyone can participate by choosing to pay to support the development of new renewable resources. Clean Energy Choice participants will help to:

- Reduce our reliance on fossil fuels and increase energy independence
- Support renewable energy industry jobs
- Earn grants for their community and for low-income residents.

Newton residents and businesses can choose to pay for New England Wind, a 100% clean energy option offered by the Mass. Energy Consumers Alliance, a local non-profit. New England Wind is sold for a one-time \$25 fee or for monthly payments of \$5 or more that are automatically charged to the participant's credit card. For each dollar paid for New England Wind, MTC will provide two dollars in matching grants:

- One dollar for renewable energy projects in Newton, such as solar panels on schools.
- One dollar for energy efficiency and renewable projects for low-income residents.

In addition, New England Wind is 100% deductible from an individual's federal income tax return when he/she itemizes. Here's how payments for New England Wind support the development of renewable energy. The payments are used by Mass. Energy Consumers Alliance to purchase Renewable Energy Certificates or "RECs". You can't touch a REC, but by paying for "new" RECs you help take them out of circulation and, by doing so, increase the likelihood that new renewable facilities will be built. A renewable energy facility sells two things, electricity and Renewable Energy Certificates (RECs).

RECs are often sold separately from the electricity and are purchased by utilities to help them meet legal requirements to "produce" renewable power. A new REC is associated with electricity generated by a facility built after 1997, as defined by Massachusetts law.

This same law requires all utilities to purchase enough new RECs to match 1.5% of the load they deliver. Because of the 1.5% requirement and the limited number of renewable energy facilities in New England, new RECs are currently in short supply. When consumers pay for New England Wind, they are helping purchase some of these scarce new RECs and take them out of circulation.

Under current Massachusetts law, there are two potential ways that increased demand can help increase our renewable energy supply:

- New renewable energy facilities are built, or existing facilities are expanded, to meet increased demand.

- Utilities, that can't find new RECs to buy, make a mandated payment into a State fund that supports renewable energy development. Visit www.MassEnergy.com to sign up for New England Wind or call 1-800-287-3950. Visit www.CleanEnergyChoice.org to learn more and to view the list of items that communities can purchase with MTC matching grants.

by Martha Broad

[Note: the author is Manager, Renewable Energy Markets, Renewable Energy Trust of the Massachusetts Technology Collaborative]

Making progress on high performance buildings

Newton's High Performance Buildings Coalition (see last issue) reports progress on its efforts to ensure that the new Newton North High School is built in a cost-effective, environmentally effective way. In the request for qualifications (RFQ) for Project Manager, the following lines appear on the second page of the document:

"It should be noted that this project will be designed in accordance with the High Performance Buildings Coalition Proposal dated August 27, 2004, and that the selected architect shall be LEED certified."

And in the questionnaire, "LEED certified" (designating the person has been tested as knowledgeable about environmental building techniques) is an option to be checked off. The committee is continuing to work to get similar language into the RFQ for the architect, and the request for proposals for the project construction management firm.

Thanks for donations go to:

DONORS: Anonymous, Steve & Lisa Gordon, Katherine Howard

FRIENDS: Melanie & Chris Abele, Diane & Al Becker, Al Blankenship, Bonnie Carter, Mr. & Mrs. Michael Goldman, Gary Graham and Graham Global Enterprises of Needham, Kathy Pillsbury, Ginny & Bill Robinson, Eleanor Rosellini.

THANKS to the Newton History Museum at the Jackson Homestead and staff, including director David Olson, for having the Green Decade Coalition exhibit Sept.-Dec. 2004 as part of their Newton Salutes! Program.

THANKS again to LDa Architects of Cambridge for the design of our green model house that was part of our Newton History Museum exhibit and now will be used as a traveling educational tool. You can reach them at www.LDa-architects.com. Also thanks to Paul Wolff of Conservation Services Group for building this model.

THANKS to Andrea Lempel-Federmann and Benji Federmann at WSI Internet Consulting & Education for their reduction in fees and help in re-designing our website.

Energy projects save City more than \$120,000/year

A host of energy efficiency projects in Newton's schools and other public buildings save the City thousands of dollars per year—especially significant now that energy costs are on the rise. One of the early money-saving projects sits on the site of the main branch of the public library. When the facility was constructed in 1991, Boston Edison, now NSTAR (www.nstaronline.com), encouraged installation of energy efficiency equipment including an ice thermal storage system.

The system operates at night using electricity at a discounted rate to create and store ice. The "ice pack" is melted during the day to keep the building cool. The utility also helped to defray the cost of energy efficient lighting and other measures installed in a number of public schools. The City also achieved big savings by installing light emitting diodes (LEDs), instead of incandescent bulbs, in traffic signals. This move not only cut energy costs, but reduced maintenance costs as well because the LEDs last a lot longer than the traditional light bulbs. Our streets are a little safer as well since there are fewer burned out signals.

More recently, Newton South High School became one of the first facilities certified by the Massachusetts Department of Education as a "Green School." The certification recognizes the numerous measures used in the school to cut energy use and waste. Solar electric panels are being installed at the school with funding from a grant provided through the Mass. Technology Collaborative (www.mass-tech.org).

In other green projects, the Newton government is purchasing part of its electricity supply from the Town of Hull wind turbine (www.hullwind.org) through the renewable energy certificate process (www.massenergy.com/Wind.Intro.html); and the Newton Public Schools Department launched a pilot program to use heating fuel that contains 20% processed "vegetable oil" (www.bio-diesel.org). The fuel burns cleaner than regular diesel, creating less pollution, reducing boiler maintenance costs.

As the City's electrical engineer, I was updating a spreadsheet that summarizes the results of these energy efficiency projects. Newton has invested \$222,000 over the last four years, with NSTAR providing an additional \$556,000. The annual energy savings is close to one million kilowatt hours and carbon dioxide pollution is being reduced by over one million pounds per year.

So why was I updating the spreadsheet? Energy costs are skyrocketing and Newton's public buildings now use electricity that costs 12 cents per kilowatt-hour. That's less than most local ratepayers because Newton "wheels" the electrons it buys from a supplier other than NSTAR, but it's a lot higher than it was a few years ago. As a result, these old-fashioned energy efficiency projects now provide an annual savings of \$120,000. Last year the savings amounted to a little less than \$100,000 per year. Newton's return on investment is now under two years. That's

looking at the glass half full rather than half empty.

The City continues to "plug away" in its energy saving efforts. Energy efficiency upgrades remain to be done at five schools, with some of the costs covered by an NSTAR energy efficiency project. The money invested will be returned in two years through the savings. In addition, the Newton Citizens Commission on Energy will be proposing additional efficiency projects.

The high cost of energy makes many more measures cost effective, such as the use of energy efficient air conditioning systems and furnaces. Every business, institution and resident has the same opportunity. Energy action will provide a great return on investment; reduce pollution; and save fuel for the future. Please take advantage of all the incentive programs that are available to you. (See also "A powerful new energy choice for Newton," article in this issue of *green news*.) *by David Tannozzini*
[Note: David Tannozzini is the electrical engineer in the Public Buildings Department and a member of the Newton Citizens Commission on Energy and the Mayors Advisory Committee on Renewable Resources. He can be contacted at 617-796-1605 or dtannozzini@ci.newton.ma.us for further information on energy action in Newton.]

A budding recycling effort

From time-to-time we come across an environmental tidbit that we just have to share. Here's one from the web. Researchers at the UK-based Warwick Manufacturing Group at the University of Warwick, working with PVAXX Research & Development, have devised a novel way to recycle the cases of discarded phones -- bury them and watch them transform into flowers. The key is a polymer that produces a high quality finish, but will disintegrate when mixed with compost. A transparent window was created in the phone case and embedded with a seed. The seed is visible to the user but will not germinate until the case is recycled. For more information, visit: <http://link.abpi.net/1.php?20041202A2>. *Editors' note: Bring your good (or broken) cell phone to the Green Decade Speaker Series. We will send it to a company that re-uses them and we get a small donation. Re-using is better than composting or recycling!*

JOIN THE GREEN DECADE

Enclosed is: New member Renewal

(\$20.00 suggested annual individual donation)

(additional donation)

NAME: _____

ADDRESS: _____

ZIP _____ E-MAIL _____ PHONE: _____

Please send your tax deductible check to:
Green Decade Coalition/Newton,
P.O. Box 590242, Newton, MA 02459

Jan/Feb 2005

Environmental Speaker Series

Co-sponsored with The Newton Free Library

2005 at Newton Free Library

Intersection of Walnut and Homer streets - near City Hall

The public is invited free of charge

Monday Evenings at 7:00pm

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January 24: Mayor David Cohen with a panel discussion "Newton's State of the Environment 2005"

Mayor David Cohen will join a panel of local environmental groups to discuss local environmental efforts, actions, and forecasts for an in-depth look at the status of environmental programs in Newton. Water and air quality, solid waste, transportation, pesticides, open space and energy will all be on the agenda.

February 28: Prof. Michael Klare: "Global Petro-Politics: US Foreign Policy and the Pursuit of Other Countries' Petroleum"

Michael Klare is the Five College Professor of Peace and World Security Studies, a joint appointment at Amherst, Hampshire, Mount Holyoke, and Smith Colleges and the Univ. of Mass. at Amherst. He is the author of several books, including *Rogue States and Nuclear Outlaws* (1995), *Resource Wars* (2001) And his most recent book, *Blood and Oil... The dangers and consequences of America's growing dependency on imported petroleum.*

"Oil, says Michael Klare, makes us strong, but dependency makes us weak. His clear, informed, and troubling diagnosis of America's greatest addiction comes as oil's rising cost in blood and treasure requires us to understand the greater perils to come. Blood and Oil proves that oil's substitutes-and especially their efficient use-are an even greater bargain than they look"
Amory B. Lovins, cofounder and CEO, Rocky Mountain Institute.

Save the dates March 28, April 25 & May 23 Speaker Series

Don't throw out that cell phone! Bring your good (or broken) cell phone to the Green Decade Speaker Series. We will send it to a company that re-uses them and we get a small donation. Re-using is better than composting or recycling!

**Tea will be served at each event. Please bring your own mug.
Join us at these Green Decade and Newton Free Library free public presentations!**

For information about the Environmental Speaker Series call the Green Decade Coalition/Newton 617 965-1995 - www.greendecade.org