

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

_____ Resolution or Ordinance (Blue) _____ Waiver of First Requested
 X Recommendations of Boards, Commissions & Committees (Green)
_____ Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES
FROM: David A. Hulseberg, Village Manager
DATE: October 6, 2009 (COW) (B of T) **Date:** October 15, 2009
TITLE: US Mayors Climate Protection Agreement and Cool Cities Program
SUBMITTED BY: David P. Gorman, Assistant Director of Public Works *DPG*

BACKGROUND/POLICY IMPLICATIONS:

A recommendation from the Environmental Concerns Committee to endorse the Village President's signature on the US Mayors Climate Protection Agreement and join the Cool Cities program.

FISCAL IMPACT/FUNDING SOURCE:

\$0.00

Review (as necessary):
Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



MEMORANDUM

TO: David A. Hulseberg, Village Manager

THROUGH: Carl S. Goldsmith, Director of Public Works *CJ*

FROM: David P. Gorman, Asst. Director of Public Works *DPG*

SUBJECT: US Mayors Climate Protection Agreement and Cool Cities Program

DATE: October 5, 2009

The Environmental Concerns Committee (ECC) has voted to recommend that the Board of Trustees endorse the Village President's signature on the attached US Mayors Climate Protection Agreement and to join the Cool Cities program. The Agreement and the program aim to reduce global warming. To join the program, a municipality must commit to take four actions: (1) sign the US Mayors Climate Protection Agreement, (2) incorporate hybrid and other cleaner fleet cars, (3) modernize municipal buildings with energy saving technology and (4) invest in clean and renewable energy. Over 1,000 communities have signed the Agreement, including the DuPage County communities of Carol Stream, Elmhurst, Villa Park and Westmont.

US Mayors Climate Protection Agreement:

Nearly 1,000 mayors have signed the Agreement, which states that (a) scientific consensus is that climate change is a reality and that human activity has been largely responsible, (b) the US Conference of Mayors endorses the terms of the Kyoto Protocol and encourages federal action and (c) the goal is to reduce greenhouse gas emissions to 7% below 1990 levels by 2012. The Agreement requires actions under local control, including:

1. reducing emissions from municipal operations,
2. having land-use policies that preserve open space and smart growth,
3. promoting transportation options such as bicycling,
4. advocating for renewable energy resources,
5. prioritizing energy efficiency in building codes and municipal retrofits,
6. purchasing Energy Star equipment,
7. promoting LEED or similar sustainable building practices,
8. increasing fleet vehicle mileages, reducing idling and using biodiesel,
9. evaluating pumps to increase efficiencies,
10. increasing recycling rates,
11. maintaining the urban forest, and
12. educating the community on greenhouse gas emissions.

The Village has either already accomplished or is taking actions to accomplish all items with exception of items #4, #5 and #12. Regarding renewable energy resources (#4), it is suggested *but not required* that the Village could purchase renewable energy at an increment of between \$22,000 and \$70,000 annually. Regarding energy efficiency (#5), the Village has already switched to metal halide and fluorescent bulbs, and the Village could explore options for building code incentives. Regarding greenhouse gas emissions (#12), this could be accomplished using the website, the Pride newsletter and ECC presence at community events. Therefore, this list of minimum actions appears to be very feasible for little effort and no cost (unless we choose to purchase renewable energy).

Cool Cities:

There are five milestones to progress through the Cool Cities program:

- ❖ Milestone #1: Establish a Cool Cities Campaign. This has actually already been initiated by the Lombard/Villa Park Chapter of the AAUW and the Lombard Garden Club. The ECC will work with those groups to proceed through the other milestones.
- ❖ Milestone #2: Engage the Community. This has been completed by the ECC discussion on the matter and their resulting recommendation to the Village President and Board of Trustees.
- ❖ Milestone #3: Municipality Signs the Commitment Agreement. This would obviously be accomplished if the Board of Trustees authorizes the Village President to sign the US Mayors Climate Protection Agreement.
- ❖ Milestone #4: Implementing Initial Solution Steps. The ECC will create a local climate action plan. A recently completed Energy Audit Report will serve as the basis for this plan. Also, the Village's actions through the Clean Air Counts program would be recognized in this plan.
- ❖ Milestone #5: Implementing Advanced Smart Energy Solutions. This final stage is where most of the ECC's energy would be focused. The steps involved are:
 - undertaking a community-wide "global warming audit" (such an audit has already been conducted as part of the aforementioned Energy Audit Report),
 - completing a climate action plan to meet the target reductions of the Climate Agreement,
 - adopting energy efficiency policies (e.g. energy efficient lights and green building standards),
 - adopting a green vehicles policy (e.g. purchases hybrid vehicles for city fleet),
 - adopting other global warming reduction policies (e.g. no-idling and Energy Star appliances),
 - adopting renewable energy policies (e.g. buying electricity from renewable resources and installing solar panels or wind turbines),
 - adopting transit and land-use improvements (e.g. the planned circulator bus),
 - supporting State action to reduce greenhouse gasses,
 - publishing an annual report tracking progress on the climate protection goals, and
 - supporting initiatives on global warming at state and national levels.

ECC and Board of Trustees History:

The ECC had discussed the US Mayors Climate Protection Agreement for four months in 2006. The ECC forwarded the Agreement to the Board of Trustees on 9/26/06 without a recommendation. The Board of Trustees discussion on 10/19/06 raised questions of costs and national policy regarding the Kyoto Protocol before tabling the matter indefinitely by a vote of 4 to 2. The trustees that had voted to table the matter are no longer on the Board so the current Board may have a different consensus.

Recommendation:

The ECC voted unanimously on 9/29/09 to recommend that the Board of Trustees endorse the Village President's signature on the US Mayors Climate Protection Agreement. Furthermore, while no formal is required to join the Cool Cities program, the ECC and staff recommend that the Board of Trustees approve by motion the Village's participation in program. The Village is already accomplishing most of the actions promoted by both the US Mayors Climate Protection Agreement and the Cool Cities program and the remaining actions can be accomplished with little effort and no cost. The only tangible benefit to the Village would likely be to demonstrate a commitment to sustainable practices in our federal and state grant applications. Therefore, the decision to sign the Agreement and/or participate in Cool Cities would be more a policy directive to staff for planning and operational objectives.



The U.S. Mayors Climate Protection Agreement
(As endorsed by the 73rd Annual U.S. Conference of Mayors meeting, Chicago, 2005)

- A. We urge the federal government and state governments to enact policies and programs to meet or beat the target of reducing global warming pollution levels to 7 percent below 1990 levels by 2012, including efforts to: reduce the United States' dependence on fossil fuels and accelerate the development of clean, economical energy resources and fuel-efficient technologies such as conservation, methane recovery for energy generation, waste to energy, wind and solar energy, fuel cells, efficient motor vehicles, and biofuels;
- B. We urge the U.S. Congress to pass bipartisan greenhouse gas reduction legislation that 1) includes clear timetables and emissions limits and 2) a flexible, market-based system of tradable allowances among emitting industries; and
- C. We will strive to meet or exceed Kyoto Protocol targets for reducing global warming pollution by taking actions in our own operations and communities such as:
 1. Inventory global warming emissions in City operations and in the community, set reduction targets and create an action plan.
 2. Adopt and enforce land-use policies that reduce sprawl, preserve open space, and create compact, walkable urban communities;
 3. Promote transportation options such as bicycle trails, commute trip reduction programs, incentives for car pooling and public transit;
 4. Increase the use of clean, alternative energy by, for example, investing in "green tags", advocating for the development of renewable energy resources, recovering landfill methane for energy production, and supporting the use of waste to energy technology;
 5. Make energy efficiency a priority through building code improvements, retrofitting city facilities with energy efficient lighting and urging employees to conserve energy and save money;
 6. Purchase only Energy Star equipment and appliances for City use;
 7. Practice and promote sustainable building practices using the U.S. Green Building Council's LEED program or a similar system;
 8. Increase the average fuel efficiency of municipal fleet vehicles; reduce the number of vehicles; launch an employee education program including anti-idling messages; convert diesel vehicles to bio-diesel;
 9. Evaluate opportunities to increase pump efficiency in water and wastewater systems; recover wastewater treatment methane for energy production;
 10. Increase recycling rates in City operations and in the community;
 11. Maintain healthy urban forests; promote tree planting to increase shading and to absorb CO₂; and
 12. Help educate the public, schools, other jurisdictions, professional associations, business and industry about reducing global warming pollution.



The U.S. Conference of Mayors Climate Protection Agreement – Signature Page

You have my support for the Mayors Climate Protection Agreement.

Date: _____

Mayor: _____

Signature: _____

Address: _____

City: _____ State: _____ Zip: _____

Mayor's e-mail: _____

Staff Contact Name: _____

Staff Contact Title: _____

Staff Phone: _____

Staff e-mail: _____

Please add my comments in support of the Mayors Climate Protection Agreement. We will add these to the Website (*optional*):

Please return completed form at your earliest convenience to:
**The U.S. Conference of Mayors
Climate Protection Center**

By Mail:
1620 I Street, NW
Washington, DC 20006

For additional information, contact
Kevin McCarty
kmccarty@usmayors.org

By Fax: (202) 293-2352

(202) 861-6728