
City of Kelowna

MEMORANDUM

DATE: January 25, 2001
FILE: 5280-02
TO: City Manager
FROM: Environment Manager
RE: Partners for Climate Protection Program

RECOMMENDATION

THAT Council endorse the Partners for Climate Protection Program (A program of the Federation of Canadian Municipalities);

AND THAT Council receive, for their information, a summary of the Partners for Climate Protection Program.

Background

The goal of Partners for Climate Protection (PCP) program is to support Canadian municipal governments in preparing and implementing local climate change action. The PCP is a partnership between the Federation of Canadian Municipalities and the International Council for Local Environmental Initiatives (ICLEI). Program participants work to reduce greenhouse gas emissions from municipal operations by 20 per cent and at least six per cent (the Kyoto target) within the community as a whole. The preferred goal is to try and achieve these targets within 10 years.

Members of the PCP Program are encouraged to:

1. Profile energy use and emissions for the base year of 1990 for municipal operations, and then for emissions community-wide.
2. Forecast energy use and emissions for 10 or 20 years in the future for municipal operations, and then for emissions community-wide.
3. Establish a reduction target. Preferred targets are 20 per cent reductions in greenhouse gas emissions from municipal operations within 10 years of joining the program, and a minimum of six per cent reductions in community-wide emissions within 10 years of joining the program.
4. Develop and finalize a local action plan that aims to, first of all, reduce emissions and energy use in municipal operations, and then expand to reduce emissions in the community. This local action plan will also incorporate public awareness and education campaigns.
5. Begin implementation of the local action plan, and measures that will reduce greenhouse gases.

In joining together, municipalities have agreed to share information, expertise, monitor progress and celebrate results on actions undertaken while encouraging other municipal

governments to actively participate, and to assist Canadian efforts to meet our international climate change commitments.

Benefits of the Program

The cost savings associated with energy-efficient operations are significant. Retrofitting municipal buildings, improving street lighting, and using efficient vehicles for municipal fleets, for example, can save municipal governments thousands of dollars every year. The payback period on capital investments to improve energy efficiency is often short, and the savings can be reinvested in the community.

Benefits and services of the program are listed in the following table:

<ul style="list-style-type: none">• Federal and Provincial funding leverage• decreased flow of dollars from the community• increase use of local renewable energy resources• decreased air pollution• advocacy• networking and partnership• capacity building: training workshops, inventory and projection software, case studies and toolkits• quantification, surveys of progress, monitoring of milestones	<ul style="list-style-type: none">• international recognition• newsletter• participation in national and international climate negotiations and processes• up-to-date information on climate change science, government programs, municipal experiences• model plans, bylaws and ordinances• information exchange• public education and outreach• research
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The Partners for Climate Protection Program will help the City and RDCO sort through various initiatives, promote partnerships with others concerned with climate change, and help create a tailored greenhouse gas emissions reduction strategy which addresses local needs and resources while building on the success of others.

City of Kelowna Energy Reduction Achievements

The City of Kelowna is well on its way to meeting the goals of the PCP program. On October 16, 2000, council received a report from the Energy Management Committee detailing energy reduction achievements totaling 2,000,000-kilowatt hours of energy since 1995. The City of Kelowna plans to continue with its energy reduction program with an extensive energy audit of 30 City owned and operated buildings and facilities that encompass 450,000 square feet of floor space. An energy audit is needed to explore innovative options for implementing building retrofit projects: projects that will lower utility costs while saving the environment through increased energy efficiency and improved facility design. The Energy Management Committee is now applying for funding to the Federal Green Municipal Enabling Fund (GMEF) to help pay for 50% of the audit project.

Mark Watt, B.Sc.
Environmental Manager

John Vos, P.Eng.
Director of Works & Utilities

Attached: 1) Model Resolution - Participation in the Partners for Climate Protection
Program



RESOLUTION

THAT the Regional District of the Central Okanagan and the City of Kelowna Participate in the Federation of Canadian Municipalities' "Partners for Climate Protection Program".

WHEREAS a global reduction in emissions of greenhouse gases (GHG) is necessary to protect against climate change and possible adverse effects on human health, the physical environment, economy and quality of life;

WHEREAS industrialized countries, gathered at the United Nations Conference on Environment and Development in 1992, ratified a Convention on Climate Change committing countries to stabilizing greenhouse gas emissions at 1990 levels by the year 2000;

WHEREAS industrialized countries, realizing initial commitments were inadequate to protect the Earth's climate system, agreed in December 1997 to the Kyoto Protocol which, if ratified, commits Canada to reducing its greenhouse gas emissions six per cent below 1990 levels between 2008 - 2012;

WHEREAS current forecasts predict that Canada's greenhouse gas emissions could be in the order of 13 per cent above 1990 levels by the year 2000 if no action is taken, thus falling short of its commitments;

WHEREAS Federation of Canadian Municipalities and the International Council for Local Environmental Initiatives have established a Partners for Climate Protection to provide a forum for municipal governments to demonstrate their leadership on climate change issues and undertake to share their knowledge and experience with other municipal governments;

WHEREAS Partners for Climate Protection members commit to working towards reducing greenhouse gas emissions in municipal operations by 20 per cent below 1990 levels, and at least six per cent reductions below 1990 levels throughout their municipal area within ten years of joining the program.

BE IT RESOLVED THAT the Regional District of Central Okanagan in partnership with the City of Kelowna in the province of British Columbia communicate to FCM its support for the Partners for Climate Protection Program and its interest in participating in the PCP Program.

REGIONAL DISTRICT OF CENTRAL OKANAGAN by its authorized signatory

Signed

Dated

CITY OF KELOWNA by its authorized signatory

Signed

Dated