

**Ideas for Possible Bozeman Climate Protection Action Plan
March 2007, second draft**

(The bolded actions 1-12 below come from the Mayors' Climate Protection Agreement, with local examples listed with each. An [F] indicates a recommended first step.)

1. **Inventory global warming emissions in City operations and in the community, set reduction targets, and create an action plan**
 - a. **(F)** Establish a Climate Protection Advisory Committee to advise staff on changes each department can make, prepare an action plan for the City, assess short-term and long-term costs and benefits of implementing/not implementing various recommendations, advise Commission on policy changes, answer questions, help with outreach;
 - b. **(F)** Have department heads read the Mayor's Climate Action Handbook, which describes how to get started; ask each department to identify a first step they can take in 2007–2008 and begin working on a departmental action plan, with advisory committee help;
 - c. **(F)** Join ICLEI, Local Governments for Sustainability, to take advantage of their technical assistance regarding climate protection; ICLEI provides experienced staff, software tools, a toolkit, programs, and technical assistance to help local governments reduce greenhouse gas emissions in a cost-effective, efficient manner; their website is <http://www.iclei.org>; ICLEI can assist the city in inventorying global warming emissions, setting targets for each year, and creating an action plan to meet those targets;
 - d. **(F)** During the 2007–2008 fiscal year, conduct a baseline inventory of global warming pollutants (recommended first step in the U.S. Mayors' Climate Action Handbook and also by Rocky Mountain Institute);
 - e. **(F)** Adopt a long-term, overarching commitment covering all City departments, programs, and policies to consider the impact of actions on global warming and to adopt more climate-friendly practices, including reduction of greenhouse gas emissions, minimizing waste through reuse and purchase of recycled supplies, and maximizing energy efficiency;
 - f. **(F)** Set deadlines for key actions (the baseline inventory, development of the action plan, departmental first steps, and so forth);
 - g. **(F)** Ask all relevant City advisory boards to submit recommendations for addressing global warming;
2. **Adopt and enforce land-use policies that reduce sprawl, preserve open space, and create compact, walkable urban communities**
 - a. During the 2020 Community Growth Plan Update, consider any objectives and policies not already in place that would help reduce carbon emissions as the community grows;
 - b. Promote mixed use;
3. **Promote transportation options such as bicycle trails, commute trip reduction programs, incentives for car pooling and public transit**
 - a. During the Transportation Plan Update, consider any objectives not already in place to help reduce carbon emissions as the community grows;
 - b. Expand Streamline bus routes for greater convenience and use;
 - c. Continue improving walkability and bikability of community through completing networks of walking and biking lanes/routes/paths, completing safe routes for children to walk and bike to all schools, and improve intersection and arterial crossing safety for pedestrians;
 - d. Install more energy-efficient traffic lights;
 - e. Favor roundabouts for intersections, which reduce idling (and thus emissions);
 - f. Ask Bike Board, Pedestrian Traffic Safety Committee, Transportation Coordinating Committee, and interested community groups to help develop recommendations;
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**
 - a. Include reducing emissions and maximizing energy efficiency as goals for all capital improvements/facilities planning;
 - b. encourage retrofitting of existing homes for reduced energy use, perhaps through rebate program; work with power company to build on its existing programs;
 - c. revise Building Code to promote construction of more energy-efficient buildings;
 - d. consider other policy changes to promote less energy use and create a more climate-friendly built environment, including lighting, heating/cooling, fans, and load reduction;
6. **Purchase only Energy Star equipment and appliances for City use**
 - a. Encourage local businesses to promote Energy Star appliances to customers
7. **Practice and promote sustainable building practices using the U.S. Green Building Council's LEED program or a similar system**
 - a. The new library is an excellent example of what's possible; post data on website to make information easily accessible on its sustainable building features;
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**
 - a. Build on the great start the City has already made regarding biodiesel vehicles, and the Planning Department's bicycle program for staff use during the workday; purchase hybrid vehicles when appropriate;
 - b. Ask police and other departments to develop appropriate policies regarding idling;
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**
 - a. Set targets and publicize availability to all households and businesses;
 - b. Adopt practices for events that occur in public places (Sweet Pea, Christmas Stroll, etc.) to foster recycling and less waste;
11. **Maintain healthy urban forests; promote tree planting to increase shading and to absorb CO₂**
 - a. Ask Tree Board and City forestry staff to work together to create a plan to dramatically increase tree planting program in parks and on boulevards;
12. **Help educate the public, schools, other jurisdictions, professional associations, business and industry about reducing global warming pollution**
13. **With reduced snowpack and water supply predicted as one regional impact of climate change, adopt and fully implement the already studied and proposed water conservation plan for Bozeman and consider additional measures**
 - a. Implement the recommended rebate program for individuals (and maybe businesses and nonprofits) to retrofit homes with water-conserving devices and appliances;
 - b. Revise Building Code to require (or encourage) installation of optimally water-conserving devices and appliances in new homes and workplaces;
 - c. Consider other policy changes to promote water conservation;
 - d. Retrofit City buildings for better water conservation;
14. **(F) Revise Economic Development Revolving Loan standards to promote investment in businesses pursuing clean energy alternatives or with climate-friendly business practices**
15. **Support legislative bills to help Montana respond to climate change**