

Attachment 1

United Nations Urban Environmental Accords City of Pasadena Action Plan

The Urban Environmental Accords (UEA) are a series of goals that can be adopted at the city level to achieve urban sustainability, promote healthy economies, advance social equity and protect the world's ecosystem. The action items can be used as reference points for setting achievable goals and standards that can be tailored to fit the specific structures of individual communities. The success in achieving the UEA actions will ultimately be judged on the basis of actions taken collectively.

The status of each of the 21 actions is indicated in the table as "Achieved," "Likely," or "Unknown" (status determination dependent on interpretation of intent or more information). The City has achieved seven actions to date, is likely to achieve eight additional actions by 2012, will achieve two actions after 2012, with four actions unknown. By 2012 the City has the potential of claiming completion of 15 total actions.

Implementation and completion of initiative 11.1 Tree Canopy Survey and 16.1 Prohibited Products will ensure City achievement of nine actions by the end of Fiscal Year 2007 (One Star Green City status).

The status for implementing each initiative is indicated as "Existing – On going" (program in place), "New – Administrative" (new initiative approved by the City Manager), or "New – Legislative" (new initiative requiring City Council approval). Of the 71 recommended action plan initiatives 31 are existing on-going, 28 are new administrative, 11 are new legislative, and 1 is unknown.

| Urban Environmental Accord Actions | Status |
|---|---------------------------|
| <i>ACTION 1 – RENEWABLE ENERGY: Adopt and implement a policy to increase the use of renewable energy to 10% of the city's peak load by 2012.</i> | ACHIEVED |
| Further Actions Supporting Renewable Energy: | Existing On-going |
| <u>1.1 Renewable Energy Policy</u> – Continue to implement measures supporting the City's goals of achieving 10% renewable energy by 2010 and 20% by 2017. <i>Cost: Built into Water & Power Department programs</i> | Existing On-going |
| <u>1.2 Green Power Municipal</u> – Conduct a feasibility study with financing analysis for phasing in 100% green power at City facilities. <i>Cost: Staff to develop plan – purchase green power at 2005 rates = \$300,000 - \$1,500,000/year net additional.</i> | New Administrative |
| <u>1.3 Solar Power</u> – Conduct a feasibility study with financing analysis for installing solar power equipment on city-owned facilities (e.g., water reservoirs, parking structures) and explore the inclusion of public school buildings. <i>Cost: Existing staff for study + installation of solar power \$10/watt (e.g. a library requiring 10,000 watts would cost \$100,000)</i> | New Administrative |
| <i>ACTION 2 – ENERGY EFFICIENCY: Adopt and implement a policy to reduce the city's peak load by 10% through energy efficiency, shifting the timing of energy demands, and conservation measures by 2012.</i> | UNKNOWN |

| ACCORD ACTION & INITIATIVE | STATUS |
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| 2.1 Cost Effective Energy Efficiency Programs – Use the results from the energy efficiency gains study as well as experience with customer efficiency retrofit measures to design and implement future cost-effective energy efficiency programs. <i>Costs: Existing staff + unknown until study complete</i> | New Administrative |
| 2.2 Load Shifting Devices – Conduct a feasibility study for installing devices on municipal and private buildings that reduce the power required to operate equipment and for shifting the equipment usage to off-peak. <i>Costs: Existing staff + unknown until study complete</i> | New Administrative |
| 2.3 Time Dependent Electric Rate – Create a “time of use” billing rate that offers lower rates for electric usage during off-peak hours than during peak hours. Other possible rates to consider include tiered energy rates. <i>Costs: Existing staff</i> | New Legislative |
| 2.4 LED Traffic Signal Lamps Replacement Program – Develop a plan and cost analysis for replacing 8 inch incandescent traffic signal indications with 12 inch Light Emitting Diode (LED) indications. <i>Costs: Existing staff</i> | New Administrative |
| 2.5 Green Building Energy Efficiency – Amend the Green Building Practices Ordinance for all applicable projects to achieve a minimum 10% energy efficiency over baseline – Title 24). <i>Cost: Existing staff</i> | New Legislative |
| ACTION 3 – CLIMATE CHANGE: Adopt a citywide greenhouse gas reduction plan that reduces the jurisdiction’s emissions by 25% by 2030, and which includes a system for accounting and auditing greenhouse gas emissions. | UNKNOWN |
| 3.1 Baseline GHG Study – Use the 2005 Greenhouse Gas (GHG) baseline study to develop implementation measures for reducing GHG. <i>Cost: Unknown until study completed</i> | Unknown |
| 3.2 Climate Protection Act – Incorporate where feasible the goal of the United States Conference of Mayors Climate Protection Act in concert with the Urban Environmental Accords. <i>Cost: Existing Staff</i> | New Administrative |
| 3.3 Resource Planning and Selection – Incorporate costs/value of GHG emission taxes/credits when evaluating potential power resources. <i>Cost: Existing Staff</i> | New Administrative |
| ACTION 4 – ZERO WASTE: Establish a policy to achieve zero waste to landfills and incinerators by 2040. | LIKELY |
| 4.1 Construction & Debris Ordinance – Amend PMC 8.62 to increase the required 50% construction and demolition debris diversion rate to 60%, and permit only 20% of that to be achieved by inert debris recycling. <i>Costs: Existing staff</i> | New Legislative |
| 4.2 Franchise Ordinance – Amend PMC 8.61 to reduce the number of franchisees and limit new franchises to ensure compliance and quality control. Implement increased diversion requirements for franchises establishing a goal of reaching a 75% diversion rate for the collection of solid waste or pay liquidated damages on Recycling Shortfall Tonnage. <i>Costs: Existing staff</i> | New Legislative |
| 4.3 Multi-Family & Commercial Recycling – Develop an administrative procedure to ensure development and construction of new structures are in compliance with the Zoning Code Section 17.40.120 in regards to on-site recycling areas. <i>Costs: Existing staff</i> | New Administrative |
| 4.4 Business Recycling Plan – Evaluate the waste stream of City serviced commercial accounts to establish increased recycling opportunities. Create and implement a plan to increase City serviced commercial accounts providing waste and recycling services. Request a plan from franchises outlining strategy to increase commercial recycling as a condition of license renewal. <i>Costs: Existing staff</i> | New Administrative |

| ACCORD ACTION & INITIATIVE | STATUS |
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| 4.5 Food Waste Recycling Program – Implement a Food Waste Recycling Program for restaurants within the City. <i>Costs: Existing staff + \$20,000</i> | New Administrative |
| 4.6 E-Waste Recycling – Establish a permanent electronic waste (e-waste) collection center in the City where residents can bring their electronic and universal waste to be recycled. <i>Costs: Offset by the payment program from the state</i> | New Administrative |
| 4.7 Grocery Bags – Working in collaboration with local grocery stores and supermarkets, set a reduction target of a given quantity of grocery bags. <i>Costs: Existing staff</i> | New Administrative |
| ACTION 5 – PRODUCT WASTE: <i>Adopt a citywide law that reduces the use of a disposable, toxic, or non-renewable product category by at least 50% by 2012.</i> | LIKELY |
| 5.1 Manufacturer Responsibility – Pass a resolution that supports statewide legislation and local initiatives requiring manufacturers to take responsibility for collecting and recycling their products at the end of the products' use. <i>Cost: Existing Staff</i> | New Legislative |
| 5.2 Buy Green – Create and implement a municipal procurement plan to ensure that city government workers are not exposed to hazardous chemicals or materials, and to conserve natural resources (See Action 16.) <i>Cost: Existing Staff + place purchasing cap on products</i> | New Administrative |
| ACTION 6 – CONSUMER WASTE: <i>Implement "user-friendly" recycling and composting programs with the goal of reducing by 20% per capita solid waste disposal to landfill and incineration by 2012.</i> | ACHIEVED |
| No Further Recommendations – Continue on-going programs and efforts. | Existing On-going |
| ACTION 7 – GREEN BUILDING: <i>Adopt a policy that mandates a green building rating system that applies to all new municipal buildings</i> | ACHIEVED |
| Further Actions Supporting Green Building: | New Legislative |
| 7.1 Green Building – Evaluate the success of the Green Building Practices Ordinance and consider lowering the thresholds and creating green standards for residential projects. <i>Cost: Existing Staff</i> | |
| 7.2 Clean Green – Develop and implement practices for the cleaning, maintenance, and operations of municipal facilities to further advance sustainability and eliminate the use of toxics. Include training of maintenance staff. (See Action 16.) <i>Cost: Existing Staff + place purchasing cap on products</i> | New Administrative |
| 7.3 Green Specs – Expand upon the Green Building Practices Ordinance by adopting green specifications for city remodeling projects (e.g., carpet, sealants, adhesives, paint, flooring, and office furnishings). (See Action 16.) <i>Cost: Existing Staff - control costs by setting caps</i> | New Administrative |
| ACTION 8 – URBAN PLANNING: <i>Adopt urban planning principles and practices that advance higher density, mixed use, walkable, bikeable and disabled-accessible neighborhoods which coordinate land use and transportation with open space systems for recreation and ecological restoration.</i> | ACHIEVED |
| Further Actions Supporting Urban Planning: | Existing On-going |
| 8.1 General Plan – Ensure the action intent is acknowledged in future updates to the Land Use and Mobility Elements of the General Plan, and the Central District Specific Plan and other specific plans. <i>Cost: Existing Staff</i> | |

| ACCORD ACTION & INITIATIVE | STATUS |
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| 8.2 Project Review – Continue to review new developments through the discretionary review process to ensure that they enhance the pedestrian and transit environment in the Central District and in other specific plan areas. <i>Cost: Existing Staff</i> | Existing On-going |
| 8.3 Document Review – Ensure that the new or amended planning documents (e.g., Green Space and Recreation Element, Pedestrian Plan, and Parks and Recreation Master Plan) contain objectives, policies and implementation measures that support the coordination of land use and transportation with open space systems for recreation and ecological reconstruction, and disabled access and use. <i>Cost: Existing Staff</i> | Existing On-going |
| 8.4 Transportation Funding – Continue to seek local, state and federal sources that provide funds for multi-modal recreational transportation that better connect the community to the City's open space systems. <i>Cost: Existing Staff</i> | Existing On-going |
| 8.5 Accessible Design – Support the installation of truncated domes and accessible pedestrian signals with audio and tactile capabilities at identified crosswalks throughout the City. <i>Cost: Incorporate into CIP and require of new projects</i> | Existing On-going |
| ACTION 9 – ENVIRONMENTAL JOBS: Adopt a policy or implement a program that creates environmentally beneficial jobs in slums and/or low income neighborhoods. | ACHIEVED |
| Further Actions Supporting Environmental Jobs: | Existing On-going |
| 9.1 Install Green – Continue the MASH and Water & Power pilot program to install water and energy conserving fixtures for approved applicants as funding permits. <i>Cost: Existing Staff + Public Utility Benefit Funds</i> | Existing On-going |
| 9.2 Green Waste – Involve MASH and/or community based organizations to assist with the electronic waste (E-waste) pilot program and restaurant compost pilot program. (See Action 4.) <i>Cost: Existing staff</i> | New Administrative |
| 9.3 Environmental Education – Continue partnering with community organizations to develop outdoor environmental education and vocational model programs at the City's local parks and open spaces. Continue supporting Greening the Earth Day. <i>Cost: Existing Staff</i> | Existing On-going |
| ACTION 10 – PARKS: Ensure that there is an Accessible public or recreational open space within half-a-kilometer (.31 miles) of every resident by 2015. | UNKNOWN |
| 10.1 Green Space Planning – Ensure the goal of the action item is acknowledged in the <i>Recreation and Parks Master Plan</i> and <i>Green Space and Recreation Element</i> of the General Plan with the understanding that ½ mile radius is the preferred standard. <i>Cost: Existing Staff</i> | Existing On-going |
| ACTION 11 – TREE CANOPY: Perform an inventory of existing canopy coverage in the city; and then establish a goal based on ecological and community considerations to plant and maintain canopy coverage in not less than 50% of all available sidewalk planting areas. | LIKELY |
| 11.1 Tree Canopy Survey – Convert existing tree inventory data to tree canopy coverage for trees in the public right-of-way using new computer software. <i>Cost: Existing Staff + \$10,000</i> | New Administrative |
| ACTION 12 – HABITAT PROTECTION: Pass legislation that protects critical habitat corridors and other key habitat characteristics from unsustainable development. | ACHIEVED |

| ACCORD ACTION & INITIATIVE | STATUS |
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| 12.1 Arroyo Greenways Agreement – Pursue implementation of the Arroyo Greenways Agreement, particularly points that specifically address the protection of critical habitat corridors and other key habitat characteristics. <i>Cost: Existing Staff</i> | Existing On-going |
| 12.2 Restoration Plan Implementation – Pursue implementation of measures contained within the <i>Arroyo Seco Watershed Restoration Feasibility Study</i> . <i>Cost: Existing Staff</i> | Existing On-going |
| 12.3 Habitat Restoration Funding – Proactively seek funding for habitat restoration projects outlined in the Arroyo Seco Master Plans. <i>Cost: Existing Staff</i> | Existing On-going |
| ACTION 13 – PUBLIC TRANSPORTATION: Develop and implement a policy which expands affordable public transportation to within ½ kilometer of all city residents by 2015. | ACHIEVED |
| Further recommendations in support of public transit: | Existing On-going |
| 13.1 ARTS Funding – Continue to expand the City's local transit service, Pasadena ARTS as funding allows. <i>Cost: Existing Staff</i> | Existing On-going |
| 13.2 Public Transit Coordination – Remain actively involved in the facilitation and coordination of transit services within Pasadena that are provided by other agencies. <i>Cost: Existing Staff</i> | Existing On-going |
| 13.3 Transit Policy – Proactively review policy initiatives that promote public transit services in Pasadena through the continued involvement of staff in regional and subregional transit planning groups. <i>Cost: Existing Staff</i> | Existing On-going |
| ACTION 14 – CLEAN VEHICLES: Eliminate leaded gasoline, phase down sulfur levels in fuels concurrent with using advanced emission controls on buses, taxis, and public fleets, to reduce particulate and smog-forming emissions 50% by 2012. | LIKELY |
| 14.1 Alternative Fuels – Seek Federal 2005 Energy Policy Act incentives and AQMD funding sources for mobile source alternative fuel options. <i>Cost: Existing Staff</i> | Existing On-going |
| 14.2 Green Fleet – Complete an inventory of all fleet vehicles and provide an analysis with recommendations for converting or replacing vehicles with clean-fuel energy vehicles. <i>Cost – Existing Staff</i> | New Administrative |
| ACTION 15 – REDUCE CONGESTION: Implement a policy to reduce by 10% commute trips by single occupancy vehicles by 2012. | LIKELY |
| 15.1 TDM – Continue implementation of the existing Transportation Demand Management strategies and based on City Council policy, determine the next actions to take on the Traffic Reduction Strategies Study (to be completed by end of calendar year 2006). <i>Costs: Existing Staff</i> | Existing On-going |
| 15.2 Public Transit Marketing – Market the use of public transit, especially for housing located within ¼ mile of transit stations, to support the City's adopted Transit Oriented Development goals. Work with Business Improvement Districts to encourage the BID to provide subsidized or free transit passes for downtown employees. <i>Costs: Existing staff</i> | New Administrative |
| 15.3 Carpool – Continue to enforce carpool parking requirements. <i>Costs: Existing Staff</i> | Existing On-going |
| 15.4 Pasadena Transportation Management Association – Continue to provide a leadership role to the Pasadena TMA to encourage large developments and employers to promote alternative transportation programs. <i>Costs: Existing Staff</i> | Existing On-going |

| ACCORD ACTION & INITIATIVE | STATUS |
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| 15.5 Bicycle Commuting – Amend the Green Building Practices Ordinance to require applicable projects to comply with the LEED Bicycle Storage and Changing Rooms credit. <i>Costs: Existing Staff</i> | New Legislative |
| ACTION 16 – TOXICS REDUCTION: <i>Every year, identify one product, chemical or compound that is used within the city that represents the greatest risk to human health and adopt a law and provide incentives to reduce or eliminate its use by the municipal government.</i> | LIKELY |
| 16.1 Prohibited Products – Adopt by resolution the prohibition of use by the City the following products; 1) aerosols, 2) floor wax, 3) standard VOC-emitting paint, 4) chemical paint strippers, 5) VOC-emitting graffiti removers, 6) toxic chemical disinfectants, and 7) toxic pesticides. Include a staff training and monitoring program to ensure compliance. <i>Cost: Existing staff</i> | New Legislative |
| 16.2 Green Chemistry – Follow the state’s efforts to create a comprehensive chemicals policy as described in the <i>Green Chemistry in California; A Framework for Leadership in Chemicals Policy and Innovation, 2006</i> . <i>Cost: Existing Staff + \$25,000 consultant</i> | New Administrative |
| 16.3 Buy Green – Create and implement a municipal procurement plan to ensure that city government workers are not exposed to hazardous chemicals or materials and to conserve natural resources (See Action 5.) <i>Cost: Existing Staff + place purchasing cap on products</i> | See 5.2 |
| 16.4 Integrated Pest Management – Create and implement an integrated pest control management plan for all city facilities and open spaces (parks), in lieu of using only pesticides as a control measure. <i>Cost: Existing Staff</i> | New Administrative |
| 16.5 Clean Green – Develop and implement practices for the maintenance of municipal facilities to further advance sustainability and eliminate the use of toxics. Include training of maintenance staff. (See Action 7.) <i>Cost: Existing Staff + place purchasing cap on products.</i> | See 7.2 |
| 16.6 Drinking Water Procurement – Enforce the administrative policy of eliminating municipal use of vendor provided drinking water at City facilities in order to reduce delivery trucks emitting carcinogenic diesel exhaust throughout each delivery run. <i>Cost: Neutral – potential savings.</i> | Existing On-going |
| ACTION 17 – ORGANIC FOODS: <i>Promote the public health and environmental benefits of supporting locally grown organic foods. Ensure 20% of all city facilities (including schools) serve organic food by 2012.</i> | LIKELY |
| 17.1 City Food Vendors – Investigate the feasibility of requiring City food vendors (catered food) to provide a minimum of 20% locally grown organic food in orders received by the City. <i>Cost: Unknown</i> | New Administrative |
| 17.2 Food Vendor Training – Educate and train owners of retail food markets and produce trucks about the availability of organic food products as an alternative food supply for residents through the Public Health Department MAP Campaign. <i>Cost: Existing Staff</i> | New Administrative |
| 17.3 Community Gardens – Seek opportunities to create community gardens like the Oakland and Summit community gardens where local residents can grow their own vegetables free of pesticides. (Include in Green Space Element.) <i>Cost: Unknown</i> | New Administrative |
| 17.4 Resident Outreach – Provide outreach to residents on how to eat better by including organic food in their diets and to read and understand nutrition labels through the Public Health Department MAP Campaign. <i>Cost: Existing Staff</i> | Existing On-going |

| ACCORD ACTION & INITIATIVE | STATUS |
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| 17.5 School Programs – Continue to collaborate with the PUSD in efforts that improve children's accessibility to locally grown organic food, and other related health benefits. <i>Cost: Existing Staff</i> | Existing On-going |
| ACTION 18 – CLEAN AIR: <i>Establish an Air Quality Index to measure the level of air pollution and set the goal of reducing by 10% number of days categorized as unhealthy by 2012.</i> | UNKNOWN |
| 18.1 Air Quality Plan – Develop and implement a plan for analyzing and developing recommendations for improving air quality for Pasadena with the realization that air pollution has serious local consequences irrespective of city, county or other jurisdictional boundaries. Consider consulting with air quality experts. <i>Cost: Existing Staff + Consultant services \$25,000 - \$50,000.</i> | New Administrative |
| 18.2 Air Quality Legislation – Follow the progress of California Senate Bill 44 requiring local cities to adopt an Air Quality Element to their General Plans as to implications for Pasadena. <i>Cost: Existing Staff</i> | New Administrative |
| ACTION 19 – WATER EFFICIENCY: <i>Develop policies to increase adequate access to safe drinking water, aiming at access for all by 2015. For cities with potable water consumptions greater than 100 liters per capita per day, adopt and implement policies to reduce consumption by 10% by 2015.</i> | LIKELY |
| 19.1 Water Conservation Programs – Continue to offer programs to both residential and commercial customers for the purchase and installation of water efficient fixtures and devices. <i>Costs: Existing staff + existing funding (\$300,000/year) and grant funding</i> | Existing On-going |
| 19.2 Irrigation Efficiencies – Focus municipal programs on outdoor water efficiencies, such as weather based irrigation controllers and drought tolerant landscaping. <i>Costs: Existing staff</i> | Existing On-going |
| 19.3 Emerging Technologies – Continue working with the Metropolitan Water District to research, develop and implement existing and emerging water efficiency technologies and strategies that will accomplish the water conservation goals to reduce water consumption by ten percent by 2015. <i>Costs: Existing staff</i> | Existing On-going |
| 19.4 Time of Sale Replacement Program – Adopt an ordinance requiring replacement of inefficient plumbing fixtures (toilets, urinals, shower heads, etc.) when properties located in Pasadena change ownership (Occupancy Inspection Program). <i>Cost: Existing staff</i> | New Legislative |
| 19.5 Gray Water – Amend the code to allow use of gray water (untreated wastewater salvaged from baths, showers, and clothes washers) for the safe use in irrigation of landscaping. <i>Costs: Existing staff</i> | New Legislative |
| 19.6 Green Building Water Efficiency – Amend the Green Building Practices Ordinance to mandate all applicable projects achieve a water use reduction of 20% over baseline. <i>Costs - Existing staff</i> | New Legislative |
| 19.7 Landscape Water Meter – Provide a cost/benefit analysis of requiring the installation of dedicated water meters for landscape irrigation on properties larger than 20,000 square feet. <i>Costs - Existing staff</i> | New Administrative |
| 19.8 GIS Technology – Pending approval of a GIS grant application, proactively target high-water-usage customers as identified for pertinent conservation information and potential water and money savings advice (see also landscape water meter recommendation). <i>Costs: Existing staff</i> | New Administrative |

| ACCORD ACTION & INITIATIVE | STATUS |
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| ACTION 20 – WATER CONSERVATION: <i>Protect the ecological integrity of the city's primary drinking water sources (i.e., aquifers, rivers, lakes, wetlands and associated ecosystems).</i> | LIKELY |
| 20.1 Water Treatment – Proceed with the construction of a perchlorate water treatment plant near the City's Corporate Yards. <i>Cost: Funded</i> | Existing On-going |
| 20.2 Hahamongna Watershed – Implement all of the Hahamongna Watershed Park recommendations that apply to groundwater recharge and water quality. <i>Costs: Up to \$10 million – potential to offset costs with grants and non-City funding sources</i> | Existing On-going |
| ACTION 21 – WASTEWATER: <i>Adopt municipal wastewater management guidelines and reduce the volume of untreated wastewater discharges by 10% by 2012 through the expanded use of recycled water and the implementation of a sustainable urban watershed planning process that includes participants of all affected communities and is based on sound economic, social and environmental principles.</i> | LIKELY |
| 21.1 Water Conserving Fixtures – Through rebates, continue to encourage the use of waterless urinals, low flow toilets, and other water-efficient fixtures to decrease the volume of wastewater for treatment. <i>Cost: Existing Staff</i> | Existing On-going |
| 21.2 Recycled Water Project – Create a funding plan to implement the use of recycled water in the City of Pasadena. <i>Cost: Existing Staff (Phase I construction—\$12 million)</i> | Existing On-going |
| 21.3 Eaton Canyon Preservation – Proactively engage in planning efforts with Los Angeles County for the Eaton Canyon watershed preservation, naturalization, and groundwater recharge. <i>Cost: Existing Staff</i> | Existing On-going |
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Attachment 2

Urban Environmental Accords

*Signed on the occasion of United Nations Environmental Programs World Environment Day
June 5th, 2005 in San Francisco, California*

Green Cities Declaration

RECOGNIZING for the first time in history the majority of the planet's population now lives in cities and that continued urbanization will result in one million people moving to cities each week, thus creating a new set of environmental challenges and opportunities; and

BELIEVING that as Mayors of cities around the globe, we have a unique opportunity to provide leadership to develop truly sustainable urban centers based on culturally and economically appropriate local actions; and

RECALLING that in 1945 the leaders of 50 nations gathered in San Francisco to develop and sign the Charter of the United Nations; and

ACKNOWLEDGING the importance of the obligation and spirit of the 1972 Stockholm Conference on the Human Environment, the 1992 Rio Earth Summit (UNCED), the 1996 Istanbul Conference on Human Settlements, the 2000 Millennium Development Goals, and the 2002 Johannesburg World Summit on Sustainable Development, we see the Urban Environmental Accords described below as a synergistic extension of the efforts to advance sustainability, foster vibrant economies, promote social equity, and protect the planet's natural systems.

THEREFORE, BE IT RESOLVED, today on World Environment Day 2005 in San Francisco, we the signatory Mayors have come together to write a new chapter in the history of global cooperation. We commit to promote this collaborative platform and to build an ecologically sustainable, economically dynamic, and socially equitable future for our urban citizens; and

BE IT FURTHER RESOLVED that we call to action our fellow Mayors around the world to sign the Urban Environmental Accords and collaborate with us to implement the Accords; and

BE IT FURTHER RESOLVED that by signing these Urban Environmental Accords, we commit to encourage our City governments to adopt these Accords and commit our best efforts to achieve the Actions stated within. By implementing the Urban Environmental Accords, we aim to realize the right to a clean, healthy, and safe environment for all members our society.

IMPLEMENTATION & RECOGNITION

THE 21 ACTIONS that comprise the Urban Environmental Accords are organized by urban themes. They are proven first steps toward environmental sustainability. However, to achieve long-term sustainability, cities will have to progressively improve performance in all thematic areas.

Implementing the Urban Environmental Accords will require an open, transparent, and participatory dialogue between government, community groups, businesses, academic institutions, and other key partners. Accords implementation will benefit where decisions are made on the basis of a careful assessment of available alternatives using the best available science.

The call to action set forth in the Accords will most often result in cost savings as a result of diminished resource consumption and improvements in the health and general well-being of city residents. Implementation of the Accords can leverage each city's purchasing power to promote and even require responsible environmental, labor and human rights practices from vendors.

Between now and the World Environment Day 2012, cities shall work to implement as many of the 21 Actions as possible. The ability of cities to enact local environmental laws and policies differs greatly. However, the success of the Accords will ultimately be judged on the basis of actions taken. Therefore, the Accords can be implemented through programs and activities even where cities lack the requisite legislative authority to adopt laws.

The goal is for cities to pick three actions to adopt each year. In order to recognize the progress of cities to implement the Accords, a *City Green Star Program* shall be created.

At the end of the seven years the city that has implemented:

- 19-21 Actions shall be recognized as a ★ ★ ★ ★ ★ City
- 15-18 Actions shall be recognized as a ★ ★ ★ ★ City
- 12-17 Actions shall be recognized as a ★ ★ ★ City
- 8-11 Actions shall be recognized as a ★ City

ENERGY

Renewable Energy • Energy Efficiency • Climate Change

WASTE REDUCTION

Zero Waste • Manufacturer Responsibility • Consumer Responsibility

URBAN DESIGN

Green Building • Urban Planning • Slums

URBAN NATURE

Parks • Habitat Restoration • Wildlife

TRANSPORTATION

Public Transportation • Clean Vehicles • Reducing Congestion

ENVIRONMENTAL HEALTH

Toxics Reduction • Healthy Food Systems • Clean Air

WATER

Water Access & Efficiency • Source Water Conservation • Waste Water Reduction

ENERGY

Action 1 Adopt and implement a policy to increase the use of renewable energy to meet ten per cent of the city's peak electric load within seven years.

Action 2 Adopt and implement a policy to reduce the city's peak electric load by ten per cent within seven years through energy efficiency, shifting the timing of energy demands and conservation measures.

Action 3 Adopt a citywide greenhouse gas reduction plan that reduces the jurisdiction's emissions by twenty-five per cent by 2030, and which includes a system for accounting and auditing greenhouse gas emissions.

WASTE REDUCTION

Action 4 Establish a policy to achieve zero waste to landfills and incinerators by 2040.

Action 5 Adopt a citywide law that reduces the use of a disposable, toxic, or non-renewable product category by at least fifty percent in seven years.

Action 6 Implement "user-friendly" recycling and composting programs, with the goal of reducing by twenty per cent per capita solid waste disposal to landfill and incineration in seven years.

URBAN DESIGN

Action 7 Adopt a policy that mandates a green building rating system standard that applies to all new municipal buildings.

Action 8 Adopt urban planning principles and practices that advance higher density, mixed use, walkable, bikeable and disabled accessible neighborhoods which coordinate land use and transportation with open space systems for recreation and ecological restoration.

Action 9 Adopt a policy or implement a program that creates environmentally beneficial jobs in slums and/or low-income neighborhoods.

URBAN NATURE

Action 10 Ensure that there is an accessible public park or recreational open space within half-a-kilometer of every city resident by 2015.

Action 11 Conduct an inventory of existing canopy coverage in the city; and, then establish a goal based on ecological and community considerations to plant and maintain canopy coverage in not less than fifty per cent of all available sidewalk planting sites.

Action 12 Pass legislation that protects critical habitat corridors and other key habitat characteristics (e.g. water features, food-bearing plants, shelter for wildlife, use of native species, et.) from unsustainable development.

TRANSPORTATION

Action 13 Develop and implement a policy which expands affordable public transportation coverage to within half-a-kilometer of all city residents in ten years.

Action 14 Pass a law or implement a program that eliminates leaded gasoline (where it is still used); phases down sulfur levels in diesel and gasoline fuels, concurrent with using advanced emission controls on all buses, taxis, and public fleets to reduce particulate matter and smog-forming emissions from those fleets by fifty per cent in seven years.

Action 15 Implement a policy to reduce the percentage of commute trips by single occupancy vehicles by ten per cent in seven years.

ENVIRONMENTAL HEALTH

Action 16 Every year, identify one product, chemical or compound that is used within the city that represents the greatest risk to human health and adopt a law and provide incentives to reduce or eliminate its use by the municipal government.

Action 17 Promote the public health and environmental benefits of supporting locally grown organic foods. Ensure that twenty per cent of all city facilities (including schools) serve locally grown and organic food within seven years.

Action 18 Establish an Air Quality Index (AQI) to measure the level of air pollution and set the goal of reducing by ten per cent in seven years the number of days categorized in the AQI range as "unhealthy" or "hazardous."

WATER

Action 19 Develop policies to increase adequate access to safe drinking water, aiming at access for all by 2015. For cities with potable water consumptions greater than 100 liters per capita per day, adopt and implement policies to reduce consumption by ten per cent by 2015.

Action 20 Protect the ecological integrity of the city's primary drinking water sources (i.e., aquifers, rivers, lakes, wetlands and associated ecosystems).

Action 21 Adopt municipal wastewater management guidelines and reduce the volume of untreated wastewater discharges by ten per cent in seven years through the expanded use of recycled water and the implementation of a sustainable urban watershed planning process that includes participants of all affected communities and is based on sound economic, social and environmental principles.