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World Winter Cities Association of Mayors  
Subcommittee on Winter City Environmental Issues

# Environment-related activities carried out by non-member cities

Source: ICLEI - Local Governments for Sustainability

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# About the ICLEI



- The ICLEI (International Council for Local Environmental Initiatives)
  - The ICLEI was established when more than 200 local governments from 43 countries convened at the *World Congress of Local Governments for a Sustainable Future*, at the United Nations in New York in 1990.
  - More than 600 cities, towns, counties, and their associations worldwide comprise the ICLEI's growing membership.
  - The ICLEI provides technical consulting, training, and information services to support local government in the implementation of sustainable development at the local level.
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Barcelona, Spain



## ~Promotion of Rent-a-Bike Program~

- Rent-a-Bike Program
    - About 40,000 people use bicycles.
    - Users can pick up a bicycle at one of 250 self-service cycle points.
    - 3,000 bicycles are available.
    - Rent-a-bike scheme was established to improve inner-city transport.
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## Vaxjo, Sweden



## ~Fossil-Fuel Free Vaxjo Project~

- In 1996, the Vaxjo City Council decided unanimously to strive towards a fossil-fuel free municipality.
    - Provisional reduction target:  
2.3 tons of CO<sub>2</sub> emission per capita per year.
    - Co<sub>2</sub> emission has been reduced slightly by encouraging the use of environmentally-friendly vehicles and by mixing 5% ethanol in all types of fuels sold. However, the necessity of other countermeasures are recognized.
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London, Great Britain

~Transit fee for SUVs~



- Mayor of London proposed to charge SUVs (Sports-Utility Vehicles) £25 (about \$50) when entering the city center in heavy traffic.
  - All cars are charged £8 (about \$15).
  - The proposal is under discussion and is expected to be approved in 2009 or 2010.
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## Sydney and Unley, Australia



### Sydney

- Under the Earth Hour Program, citizens and businesses are encouraged to switch off unnecessary lights (19:30 - 20:30, March 31, 2007).
  - Approx. 2 million people participated, and electricity use was reduced by 10.2%.

### Unley

- Interest-free loans are provided to households for the installation of solar hot water system service.
    - Replacing an electric storage hot water system with a solar hot water system will achieve a 2.5 tonne reduction in greenhouse gas emissions per year.
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## Mexico City, Mexico



~Air quality improved~

- All vehicles are obliged by law to have catalytic converters (to control CO<sub>2</sub> emissions).
  - Only unleaded gasoline may be used.
  - By replacing 97 diesel buses to 350 micro-buses, the city succeeded in reducing greenhouse gas by 35,000 tons and CO<sub>2</sub> emissions by 23 - 59%.
  - Bus fare is uniform regardless of travel distance.
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## Portland, U.S.A.



~ First U.S. city to adopt a strategy to reduce CO<sub>2</sub> emissions ~

- Co<sub>2</sub> reduction target per capita: 10% from 1990 levels by 2010 (more positive than the target set in the Kyoto Protocol).
  - Promotion of use of public transportation by adding light rail lines.
  - Renewable energy used for more than 10% of the city's electricity use.
  - Over 750,000 trees and shrubs were planted during the period 1996-2004.
  - Weatherization of 10,000 multifamily units and over 800 homes in two years.
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