

October 5, 2009

The International Conference on Promoting Low-Carbon Cities 2009

Presentation by Kyoto City

Eco-Model City Initiatives in Kyoto Aiming to Realize a Low-Carbon Society

~ DO YOU KYOTO? ~

Are you doing anything good for the environment?

October 5, 2009

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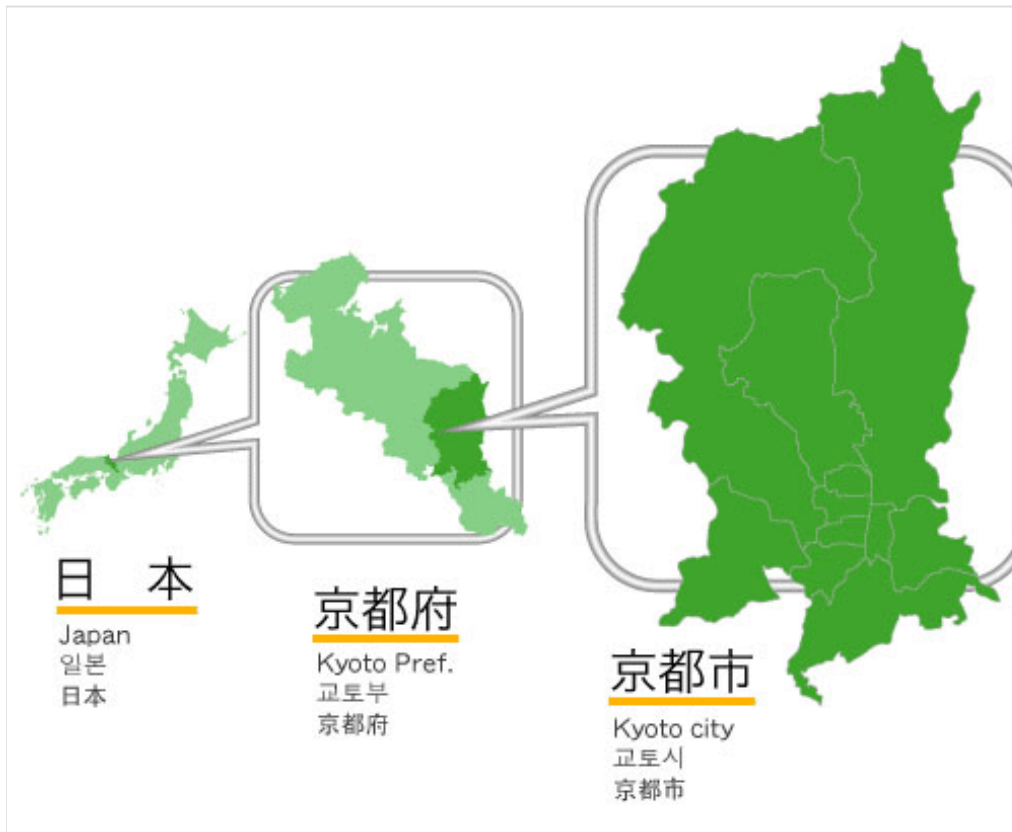
Mayor of Kyoto



Outline of Kyoto City – Historical Kyoto



Outline of Kyoto City – Historical City Kyoto



Population:
Approx. 1.47 million
Total area: 827.90 km²
(Urban areas: 150 km²)

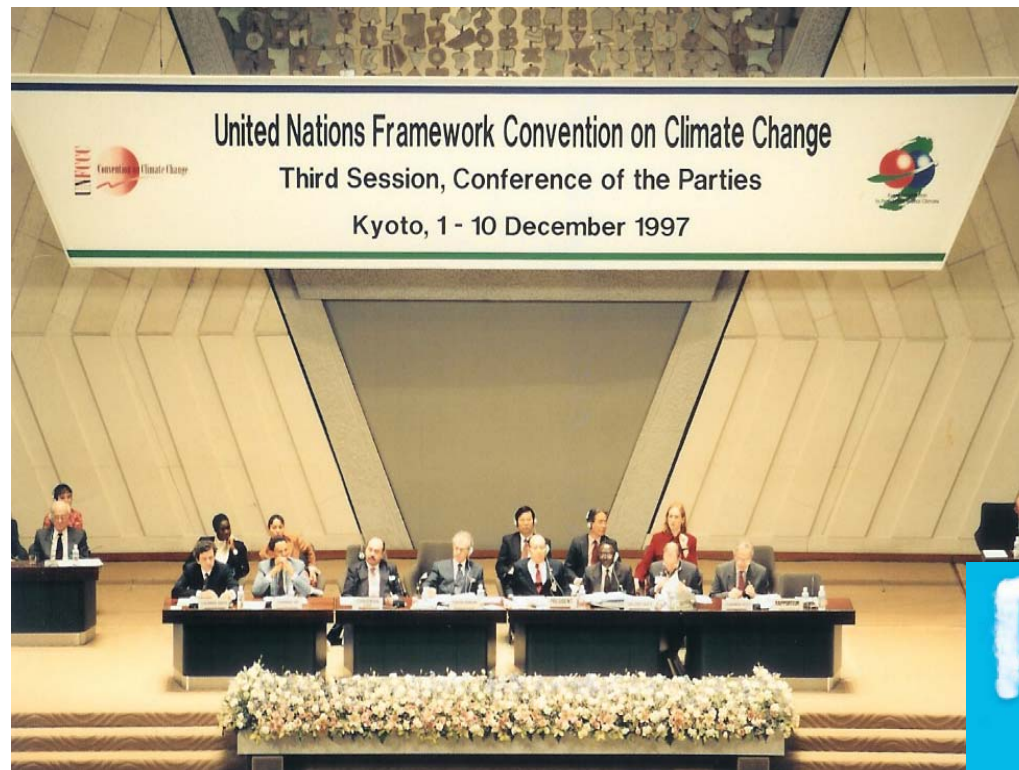
Kyoto is a historical city, having been the capital of Japan for approximately 1,000 years from the Heian Period.

Kyoto is visited by more than 50 million tourists every year, from Japan and overseas.

Three-quarters of the city is covered in forests, and surrounded by imposing mountains and beautiful rivers.

Kyoto is also a city of manufacturing and innovation and a vibrant university city.

Outline of Kyoto City – Birthplace of the Kyoto Protocol



COP3 December 1997



Starting from the time of the COP3 meeting and the birth of the Kyoto Protocol the city is promoting a variety of initiatives towards the prevention of global warming.

Initiatives of “Eco-Model City Kyoto”

■ Mid-term Targets

- **40%** reduction by **2030**
- **60%** reduction by **2050**
(both these targets are in comparison to 1990 levels)

■ Highlights of Initiatives

- ◆ As a first step towards the construction of a sustainable low-carbon society, the City of Kyoto is promoting three **“symbol projects.”**
- ◆ A **“city residents’ council”** has been established, with residents and local business operators working together to ensure their efforts lead to concrete action.

Symbol Project – 1

Creating pedestrian-centered roads and urban planning “Kyoto – A City for Walking” Strategy

○ Secure space for pedestrians with wider sidewalks and give preference to public transportation with special lanes on roadways (transit mall), as well as controlling vehicle inflow in the vicinity



Aiming for business promotion in combination with pedestrian strategy

○ Continue and expand mobility management measures

Mobility Management Measures

- Continued initiatives focusing on two-way communication between authorities and residents (through questionnaires, etc.), with the aim of bringing about a self-motivated change and move away from overuse of cars.



Symbol Project – 2

Harmonizing scenery with low-carbon ideals “Kyoto – A City Proud of its Tree Culture” Strategy

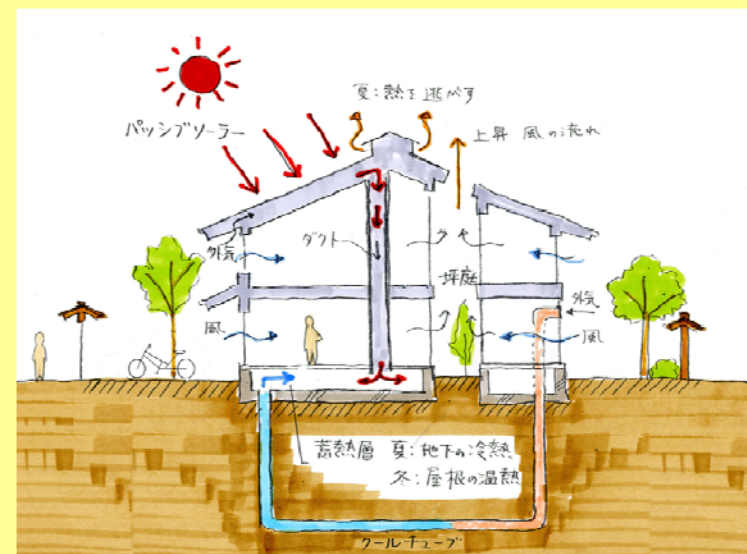
- Establishment of a building authentication system that harmonizes the scenery with low-carbon ideals.
- R&D into a house named “Heisei noKyo-machiya (Neo Kyo-machiya)” and construction of a model.
- Promotion of the use of local lumber (local production, local consumption).

Three-quarters of the entire city is tree-covered.

- Knowledge used from old Kyoto houses, such as the inclusion of small gardens.
- Reduction of carbon by utilizing environmental technologies such as passive solar (housing construction that directly utilizes the heat of the sun).
- Reduction of carbon by utilization of lumber produced locally in Kyoto.

Model house “Heisei noKyo-machiya” (image)

* Machiya --- traditional Japanese townhouses made by natural materials such as wood



Symbol Project – 3

“DO YOU KYOTO?” – Lifestyle Changes and Technology Innovation

- Creation of eco-neighborhood associations, eco-schools, and eco-businesses

Eco-neighborhood associations, eco-schools, and eco-businesses

- “Community power” is positioned and supported as the basis and common driving force behind promotion of initiatives in the Eco-model City Action Plan.

- Using industry-academia cooperation to create new businesses in which environment and economy are in harmony

Knowledge Cluster Creation Project

Promotion and creation of commercial businesses through R&D focused on environmental nano-technology.

Hub for global industry-academia-government cooperation

Promotion of R&D into themes of “low-carbon societies” and “long-lived healthy societies,” and efforts to create commercial businesses and sales channels.



Image of eco-supporter activities
(Learning about energy conservation in the community)

Thank you for your attention.

