

Eco-Model City (EMC)

The government selected thirteen cities* from across the country as showcase cities in FY2008, which address advanced approaches towards ambitious goals on reduction of greenhouse gases.

Encouraging activities of local communities is one of policies which aimed to transform the entire country into a low-carbon society.

*Shimokawa, Obihiro, Chiyoda, Yokohama, Iida, Toyota, Toyama, Kyoto, Sakai, Yushara, Kitakyushu, Minamata, Miyakojima

Promotion Council of Law Carbon Cities

The purpose is to spread the excellent cases of efforts by EMCs and send relevant information throughout the country and worldwide.

The Council was established in December 2008. Members are a total of 168 organizations*... interested municipalities, prefectures, and governmental ministries and organizations.

*As of Oct 5, 2009

Please see the website on the "Eco-Model City (EMC) Project" ▶ <http://www.kantei.go.jp/jp/singi/tiiki/kankyo/index.html>

About Eco Tours

In order to gain beneficial advice regarding efforts towards the achievement of low-carbon cities in Japan, prior to the holding of the international conference eco-tours were implemented for invited overseas participants and others (the tours took place in Chiyoda Ward, Tokyo (an Eco-Model City) and Kashiwa-no-ha in Chiba Prefecture on October 3, and in Yokohama City on October 4).

These tours offered participants the opportunity to observe efforts being made in the cities visited and engage in exchanges of opinion with local persons responsible for various programs.

※ The eco-tours were implemented with the cooperation of the Japan Tourism Agency.

For inquiries concerning the Eco-Model City Initiative, please contact the following:

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(Secretariat of the Promotion Council for the Low Carbon Cities (General Secretariat for Regional Revitalization, Cabinet Secretariat))

Executive Committee of the International Conference on Promoting the Low-Carbon Cities and Eco-Tour 2009

(c/o ICS Convention Design, Inc.)

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The International Conference on Promoting Low-Carbon Cities 2009

Let's think about our own sustainable cities in future together with worldwide environment-friendly cities!

Introduction

"Eco-Model City (EMC) Initiative" reflects policy for realizing low-carbon society and revitalizing community.

It is strongly promoted by co-works of many local-governments nationwide including 13 EMCs, central government and concerned organizations.

At the conference, you can see and touch productive discussions on sustainable city for our future with introductions of best practices and reviews presented by worldwide eco-cities.

Why don't you think about our sustainable cities together from your own perspective?



Date: October 5, 2009 (Mon.)

Venue: PACIFICO Yokohama Conference Center (Yokohama)

Organizer: Promotion Council for the Low Carbon Cities

(composed of members from local governments, central government and concerned organizations)

[Overview]

In the morning session:
We will hear presentations from international cities about the efforts towards the creation of low-carbon cities, and also engage in discussion based on the experiences of these international cities concerning the challenges facing Japanese Eco-Model Cities (EMCs).

In the afternoon session:
We will further develop discussions held in the morning session, seeking to consider together with international cities from a citizen-based perspective the approaches for accelerating and disseminating eco-model city efforts.

Definition of low-carbon district/ area:

At this conference the following definitions are applied.

1. Special zones where efforts have been made in the redevelopment of existing urban areas or new land development towards the achievement of a low-carbon structure, including both "hard" (ex. infrastructure) and "soft" (ex. community efforts) approaches.
2. Regions in which the low-carbon lifestyle is enabled by climate-friendly city planning such as development of public transportation system or policies for "eco-compact city".

Definition of the green economy:

At this conference "green economy" means "communities that have been revitalized through efforts towards achieving a low-carbon society." Revitalization efforts include the following.

1. Creation of new business and economic revitalization through the utilization of renewable energy, etc.
2. Construction of regional cooperation models for a low-carbon society, including effective utilization of local resources, such as wood harvested from thinned forests, and person-to-person exchanges between urban and rural areas.
3. Community revival through resident-led efforts towards a low-carbon structure.

Morning ● Sub-Session [Room 301・302, 3F]

9:30 ~ 10:45 Session 1 Panel Discussion **"Development of Low-Carbon District/Area"**

[Foreign Cities/Governments] Dalian City/ Portland Metro/ Stockholm City/ French Government
[Domestic Cities] Iida City/ Toyama City/ Kitakyushu City (Coordinator)

※With presentations by foreign guests.

10:45 ~ 10:55 (Break)

10:55 ~ 12:00 Session 2 Panel Discussion **"Implementations of Policies to Promote Green Economy"**

[Foreign Cities/Governments] Copenhagen City/ Hamburg City/ European Commission
[Domestic Cities] Town of Shimokawa/ Minamata City/ Yokohama City (Coordinator)

※With presentations by foreign guests.

12:15 ~ Lunch Reception (Fee: ¥2,000) [Lounge, 3F]

Afternoon ● General Session [Main Hall, 1F]

13:30 ~ Opening

13:50 ~ Keynote Speech **"International trends toward a low-carbon society and the role of local governments"**

Speaker: **Dr. Yoichi KAYA**, Director-General of Research Institute of Innovative Technology for the Earth (RITE), Professor Emeritus of University of Tokyo



Dr. Yoichi KAYA

Specializes in energy and environment-related system engineering. He also serves as an advisor to the Japanese government delegation to the IPCC and on various committees, including the Council on the Global Warming Issue.

14:10 ~ **The actions of Japanese EMCs (Part 1)**

- ①The Eco-Model City Project and Future Directions (Cabinet Secretariat, Government of Japan)
- ②The initiatives of Kyoto City, Chiyoda City, Iida City and Toyota City

15:00 ~ (Break)

15:20 ~ Session 1 Panel Discussion **"Development of a Low-Carbon District / Area"**

Coordinator: **Prof. Shuzo MURAKAMI**, Keio University
[Foreign Cities/Governments] Dalian City/ Portland Metro/ Stockholm City/ French Government



Prof. Shuzo MURAKAMI

Specializes in various kinds of environmental analysis and design relating to people, buildings and cities. He is also involved in research into sustainable buildings and global warming.

[Domestic Cities] Kitakyushu City
[NPO] Mr. Nobuaki Seki,
Representative, NPO Satoyama Active Viewers of Sustainable Society

16:20 ~ **The actions of Japanese EMCs (Part 2)**

- ①The initiatives of Miyakojima City and Town of Yusuhara
- ②EU Policies for Low Carbon Society at City/Regional Level

16:50 ~ (Break)

17:20 ~ Session 2 Panel Discussion **"Implementations of Policies to Promote Green Economy"**

Coordinator: **Mr. Teruaki MASUMOTO**, Executive Adviser of Tokyo Electric Power Company
[Foreign Cities/Governments] Copenhagen City/ Hamburg City/ European Commission



Mr. Teruaki MASUMOTO

Holds an important post of the Committee on Environment and Safety of Nippon Keidanren and other high-ranking bodies, and is a representative voice for industry and business circles.

[Domestic Cities] Shimokawa Town/ Minamata City/ Yokohama City

18:15 ~ **Concluding Session**

18:30 **Closing**

● Copenhagen City

The host city of UN Climate Conference COP15 (to be held in December 2009), which is an intergovernmental meeting that determines the rules of Post-Kyoto Protocol. At the same time, the city will host the Copenhagen Climate Summit for Mayors with C40 and ICLEI. 20% of CO₂ emissions in the city was reduced from 1990 to 2005.

Mr. Klaus Bondam
Mayor of Technics and Environment



Prior to a politician, he was an actor till 2003. He was elected to the City Council in 2001. Since 2005, as Mayor of Technics and Environment, he has several leading issues, including fighting passionately for reducing car traffic in the city, establishment of "pocket parks," and so on.

● Hamburg City

Awarded "European Green Capital 2011" by the European Commission (EU). It is also selected as "City with best future," in other words, best equipped to bounce back after the recession in July 2009 by Feri, a rating agency. Not only because it exposed to storm tides and pluvial floods, the city sets ambitious climate protection goals to reduce CO₂ emissions.

Prof. Dr. Dr. h.c. Hans von Storch



Director of Institute for Coastal Research, GKSS Research Centre, Geesthacht, Germany, Professor and Member of Steering Committee of Climate Excellence Center CLISAP at Universität Hamburg, Honorary doctorate from University Gothenburg

Receiving a diploma in mathematics in 1976 and Ph.D. from the Meteorological Department of the University of Hamburg in 1979, his research interests are climate diagnostics specifically with respect to storminess and related marine variables (storm surges ocean waves) and other aspects regional climate change, adaptation of climate change and public perception.

● Stockholm City

Awarded "European Green Capital 2010" by the European Commission (EU). GHG emissions per person have been reduced by 25% since 1990 and all fixed-track services run on renewable energy. "Hammaby Sjöstad" which was an industrial district in the past is being transformed to the environmentally friendly district. Based on the success in this district, the city launch other two urban development project.

Mr. Gunnar Söderholm



Director, Environment and Health Administration (since Dec. 2006) After practice in a local court he was the lawyer of the Swedish Metalworkers Union during the eighties. He began to work for the city as a political assistant to the deputy mayor for real estate. He became the head of the public trusty committee of the city in 1993. He was the management director for the Housing agency in Stockholm 1996 - 2002. Until 2006 he was deputy CEO for the City of Stockholm. Among other things he was responsible for the congestion charging project, housing and ICT development.

● European Union (EU)

It is promoting largely two projects concerning to the municipal policy against climate change. One is the "European Green Capital Award," in which City of Stockholm and City of Hamburg were selected in February 2009. The other is "Covenant of Mayors," started in January 2008, in which over 500 Mayors have made commitments to urban sustainable energy to curb their CO₂ emissions by at least 20% by 2020.

Mr. Nicholas Hanley



Head of Unit, Communication and Governance Following graduation from University of Oxford, Botany School, he got Diploma in Management Studies in North East London Polytechnic. He worked for the European Parliamentary committee on Regional Policy before joining the staff of the EU Commission. Thereafter, he served as Head of Unit of Policy Coordination, Integration of Environment in other Policies, Environment Action Programme and Head of Unit of Nature and Biodiversity.

● Dalian City

It is the important industrial city in Northeast area in China. Having concluded the concord with Kitakyushu city in 1979, it had been promoting "the sustainable development policy," referring to Kitakyushu city's initiatives, which rendered the city recovered from serious air pollution and reborn as environmentally friendly city. It was selected as the first "National Environmental Protection City" in China in 1997, as well as received many awards concerning to environment including "Global 500 Award" by UNEP.

Mr. Huang Jianhui



Director, Dalian Environmental Protection Bureau, Science and Technology Standard Department (also called, International Cooperation Department)

He graduated from physics department of Northeast Normal University in China and Dalian University of Technology Environmental Project Graduate School. Assigned to Environmental Protection Bureau in 1993, he has been exerted to the improvement of air and water pollution. Now he covers mainly the administration of scientific research, the designing of environmental problems generally and the international cooperation.

● Portland Metro

Portland is progressing the development of a person and environmentally friendly town through the revitalization of downtown and a growth management plan. In particular, it has dramatically revitalized the town through the provision of public transport infrastructure such as light rail, a land usage plan linked with public transport providers, thorough citizens' participation and a growth management plan.

Mr. David Bragdon



Portland Metro Council President

Following graduation from Harvard University, he gained significant industry experience including in logistics. After a period with the Portland Port Authority, in 1998 he was elected as a District councillor of the Metro Government. For 2 terms from 2002 he has served as Council President. He has collaborated with local governments and non-government agencies, businesses and citizens to build a sustainable region. He is fully involved in causes including environmental protection and waste recycling.

● France

Many environmentally friendly cities are in France, including Nice with tram, Marseille which was renovated through large-scale urban developing project, and so on. Based on the discussion in the forum "Le Grenelle de l'environnement," consists of the central government, local government, businesses, workers' union, NPO, etc., the environmental protection policies are proceeded. One of them is the project to select "Eco-districts," in regard to climate change mitigation and adaptation, biodiversity, human fulfilment, etc.

Mr Etienne Crépon



Director of Housing, Urban Development and Landscapes at the Ministry of Ecology, Energy, Sustainable Development and the Sea, in charge of green technologies and climate change negotiations

Engineering graduate of the Ecole Polytechnique and Ecole Nationale des Ponts et Chaussées, he began his career at the Ministry of Housing, taking responsibility in the county-level public works agency and in the public development authority of Saint Quentin in Yvelines. In 2002, he joined the ministerial Cabinet of the Minister of Public Works. In 2005, he was deputy director of the ministerial Cabinet of the Minister of Education for research, budget and higher education.

