

## 6. Further Points to Consider in Creating a Society Designed to Address Climate Change

This section summarizes the discussions about points for further consideration by the sub-Committee regarding ways to create a society designed to address climate change, with the aim of realizing the ultimate objective of the UNFCCC.

The issue of climate change is one that humankind will unavoidably have to deal with over the next 100 or more years. Thus, it would be best if this issue could be dealt with in a more forward-looking manner, and a more positive attitude adopted in seeking to create a society designed to address climate change. Also, Japan is expected to take on this issue using a well-defined strategy.

### <Establishing a Climate Change Strategy on a Global Scale>

- While climate change is an issue for the whole world, it is also an issue for our country. Climate change and the measures taken to combat it presently have, and will have in future, an extremely broad-ranging effect on Japan. Thus, Japan is expected to deal with this issue with a strategy that is based on an analytical consideration of what kind of impacts climate change and the framework for dealing with it will have on Japan, and that also considers Japan's roles and responsibilities with respect to the international community, as well as our own national interest and ability to secure international competitiveness as a technologically-based country.

### <Towards Constructing a Global Scale System>

- Regardless of what long- or mid-term targets are set and distinct from the discussion of those targets, discussion is needed of what kind of processes and social systems will lead to achievement of those targets.
- The necessary trends in system building include a trend towards creating the political will to reform society in accordance with mutual international agreements, and a trend towards incorporating climate change measures into the economic system so that they will progress of their own accord.

## **<Building a Society that Address Climate Change will Result in a Prosperous Society>**

- The issue of Climate change is something humankind will unavoidably have to deal with during the next hundred or more years. Reducing GHG emissions is the most fundamental measure for dealing with climate change, but efforts to deal with climate change should be made in a more forward-looking manner, and a more positive value system adopted. Implementing environmental measures results not only in protection of the environment; it also has positive effects in the form of prosperity in new industries, strengthened international competitiveness due to enhanced technological prowess, as well as an enhanced living environment. How to maximize these positive effects will be important as a concept for Japan to propose to the world, and also for building a global-scale system that includes not only developed but also developing countries.
- Ways need to be devised to give climate change measures priority in the context of sustainable development and to design them so they will contribute to sustainable development. This will allow developing countries to promote climate change measures in a more positive way. For example, some developing countries are promoting air pollution measures so that they also contribute to coping with climate change, and this kind of measure should be promoted even more vigorously in future.

## **<Usefulness of Japan's Social Vision>**

- The kind of strategy Japan will aim for will depend on the kind of social vision we choose. At present, in order to meet its international commitment for the first implementation phase of the Kyoto Protocol, Japan has established the Climate Change Policy Programs, but further efforts towards superceding these programs and describing a socio-economic vision for building a society that address climate change over the mid- to long-term are now being called for.
- Clarifying Japan's social vision will serve to outline the major directions in which society needs to progress. Infrastructure is also needed that will facilitate the creation of a society designed to address climate change as well as the realization of other cherished mid-term goals such as urban renewal and establishing a hydrogen-based society.

## Attachment 1

### Members of the Sub-Committee for International Climate Change Strategy

〈 N A M E 〉	〈 T I T L E 〉
○ <b>Shuzo NISHIOKA</b>	Executive Director (Research) National Institute for Environmental Studies
<b>ASUKA-ZHANG Shouchuan (Jusen)</b>	Professor, Center for Northeast Asian Studies Tohoku University
<b>Mikiko KAINUMA</b>	Chief Integrated Assessment Modeling Section National Institute for Environmental Studies
<b>Yasuko KAMEYAMA</b>	Senior Researcher Social and Environmental Systems Division National Institute for Environmental Studies
<b>Hiroki KUDO</b>	Group Manager, Environment Group The Institute of Energy Economics, Japan
<b>Akimasa SUMI</b>	Professor Center for Climate System Research University of Tokyo
<b>Kazuo TAKAHASHI</b>	Professor, Division of International Studies International Christian University
<b>Yukari TAKAMURA</b>	Associate Professor (International Law) Ryukoku University
<b>Hidenori NIIZAWA</b>	Professor, School of Economics University of Hyogo
<b>Hideo HARASAWA</b>	Deputy Director Social and Environmental Systems Division National Institute for Environmental Studies
<b>Ryuji MATSUHASHI</b>	Professor, Institute of Environmental Studies Graduate School of Frontier Sciences University of Tokyo
<b>Nobuo MIMURA</b>	Professor Center for Water Environment Studies Ibaraki University
<b>Yozo YOKOTA</b>	Professor, Chuo Law School

○ Chairperson

## Attachment 2

### **Schedule of Discussions (2004)**

#### The 1<sup>st</sup> Meeting

Date: April 8<sup>th</sup>, Thursday

Time: 10:00-12:00

Place: Tojo Imperial Palace Hotel

- Topics: 1. Establishment of the Sub-committee  
2. Scientific Knowledge on Climate Change  
3. Issues to be Discussed by the Sub-committee

#### The 2<sup>nd</sup> Meeting

Date: May 31<sup>st</sup>, Monday

Time: 13:00-16:30

Place: Ministry of the Environment

- Topics: 1. Impacts of and Adaptation to Climate Change  
2. Setting Medium to Long Term Targets  
3. Presentation by Dr. Lester Brown

#### The 3<sup>rd</sup> Meeting

Date: July 2<sup>rd</sup>, Friday

Time: 10:00-13:00

Place: Toranomom Pastoral Hotel

- Topics: 1. Climate Change and Socio-Economic Development Scenarios  
2. Climate Change and the Role of Technology  
3. Summary of Discussions (1)

#### The 4<sup>th</sup> Meeting

Date: September 3<sup>rd</sup>, Friday

Time: 10:00-13:00

Place: Ministry of the Environment

- Topics: 1. Summary of Discussions (2)  
2. View on Climate Regime Beyond 2012  
3. Risk-management thoughts on setting Climate Regime Beyond 2012  
4. Equity issues in Climate Regime Beyond 2012  
5. Role of developing countries, Russia, and Central and Eastern Europe in Climate Regime Beyond 2012