

Asian Science and Technology Seminar in Bangkok

# Brief review on Asian S&T Forum & Seminar

*Cooperative Research Schemes for the  
Environment and Energy Issues in Asia*

March 10, 2008

**Kotaro INOUE**

Center for Research and Development Strategy (CRDS)  
Japan Science and Technology Agency (JST)

## Objectives of this Seminar(ASTS)

ASTS is to bring together & integrate active researchers:

- To share the current issues and research activities related to water problems in Asia
- To discuss possibilities of new research cooperations (knowledge & technology fusion) to work out the water issues

ASTS is defined as a specialist meeting where the important themes discussed in the Asian Science and Technology Forum (ASTF) should be clarified

# Objectives of ASTF

## (Environment & Energy Subcommittee)

### **Asian Approach Toward Sustainable Development and S&T Innovation**

- 1. To clarify environment and energy issues in Asia**
- 2. To explore S&T themes for resolving these issues**
- 3. To sketch active cooperative research schemes among Asian countries**

## Activities throughout 3 years

### 1st Year (2005):

#### **Environment issues in Asia**

- Follow up Seminar @ Malaysia, 2006 Mar.  
(Ecosystem conservation & utilization)

### 2nd Year (2006):

#### **Energy issues in Asia**

- Follow up Seminar @ Indonesia, 2007 Feb. (Biomass and other renewable energy )

### 3rd Year (2007):

#### **Cooperative research schemes and specific measures**

- Follow up Seminar @ Thailand, 2008 Mar.  
(Water issues)



# **Quick Review of past ASTF & ASTS (Environment & Energy session)**



**1<sup>st</sup> ASTF / September 9, 2005**



## Chairman:

(Japan)

Ryutaro OHTSUKA, President, the National Institute for Environmental Studies

## Speakers/Panelists

(China)

Jiyuan Liu, Director General, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences (IPCC)

R K Pachauri, Chairman, IPCC

(Thailand)

Monthip Sriratana Tabucanon, Inspector General, Ministry of Natural Resources and Environment

(Vietnam)

Vo-Tong Xuan, Rector, Angiang University

(Japan)

Kotaro INOUE, Principal Fellow, JST





**2nd ASTF / September 8, 2006**



## **Chairman:**

(Japan) Yoichi KAYA, Director-General, Research Institute of Innovative Technology for the Earth

## **Speakers/Panelists**

(Thailand) Rangsan Sarochawikasit, Executive Director of Bureau of Energy Research, Department of Alternative Energy Development and Efficiency, Ministry of Energy

(Vietnam) Tran Thuc, Director, Institute of Meteorology and Hydrology, Ministry of Natural Resources and Environment

(China) Yunhan Xiao, Deputy Director and Professor, Institute of Engineering Thermophysics, Chinese Academy of Sciences

(Indonesia) Zuhair Chancellor, University of Al Azhar Indonesia

(Japan) Kotaro INOUE, Principal Fellow, JST





**3rd ASTF / October 5, 2007**



## **Chairman:**

(Japan) Makoto Taniguchi, President, Iwate Prefectural University, former Ambassador to the UN, former OECD Deputy Secretary-General

## **Speakers/Panelists**

(Thailand) Said Irandoust, President, AIT

(Indonesia) Jan Sopaheluwakan, Deputy Chairman for Scientific Services, Indonesian Institute of Sciences

(UN) A.H. Zakri, Director, United Nations University, Institute of Advanced Studies

(Japan) Motoyuki Suzuki, Professor at the University of the Air, Special Programme Advisor at the United Nations University

(EU) Aires Soares, Head of Unit, Directorate of Energy, Directorate-General for Research, European Commission

(China) Ai Likun, Deputy Director, MAIRS & CAS (On behalf of Prof. Fu Congbin, Member of CAS)

(Japan) Kotaro Inoue, Principal Fellow, JST





## Asian Science and Technology Seminar in Malaysia, 2006

### **"Conservation and Use of Ecosystems"**

10-13 March, 2006

Golden Sands Resort, Penang By Shangri-La, Malaysia

Sponsored by Japan Science and Technology Agency (JST)

THE ASIAN SCIENCE AND  
TECHNOLOGY SEMINAR

## Asian Science and Technology Seminar in Jakarta, Indonesia, 2007

8-9 March, 2007

Komisi Utama Room, 3rd Floor, BPPT Building II, Jakarta, Indonesia

Sponsored by Japan Science and Technology Agency (JST)

Co-Sponsored by Badan Pengkajian dan Penerapan Teknologi (BPPT)

United Nations Educational, Scientific and Cultural Organization (UNESCO)

# Statement

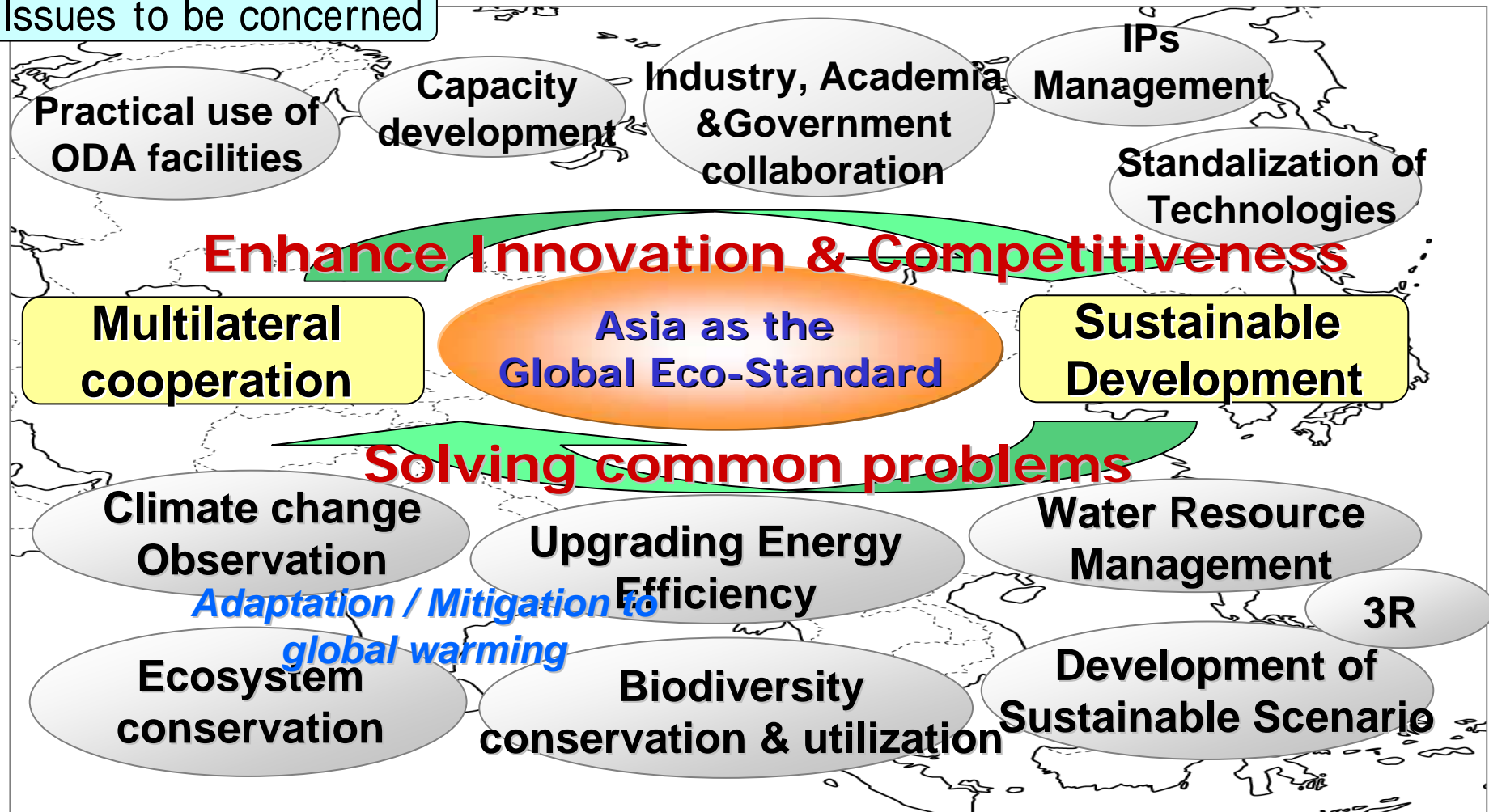
(Tokyo, October 5th, 2007)

- ❑ The biggest obstacles to “sustainable development” are environment and energy issues.
- ❑ Asian countries share these issues and need to solve them using science and technology.
- ❑ Researchers and policymakers want to have meetings to continue these discussions.
- ❑ Serious consideration should be given to creating an organization that will specifically promote strategic, multilateral joint researches among Asian countries.
- ❑ The accumulation and dissemination of collaboration results and human resource development should be promoted at the organization.

# Issues extracted from overall ASTF/ASTS activities

- Building Win-Win relation among Asian countries for prosperities
- Enhancing production and stock of knowledge and scientific excellence
- Asian fusion for Enormous Innovation and Enhancement of Competitiveness

Issues to be concerned



# *Finally*

I expect this ASTS to discuss **current issues and research activities related to water problems in Asia** and to clarify some possibilities of cooperative research programs.

*Make the utmost of this opportunity!*

