

2010 Green Energy Forum for Northeast Asia: Challenges in Achieving a Low-Carbon Future

Honolulu, Hawaii, March 21-23, 2010

Organized by

The Northeast Asia Economic Forum

In Cooperation with

Japan Committee for Promotion of an Asian Energy Community (JCPAEC)

Ministry of Foreign Affairs, Japan

Asia Research Program, University of California at Berkeley

Japan Electric Power Information Center (JEPIC)

College of Social Sciences, University of Hawaii at Manoa

Korea National Oil Corporation (KNOC)

Hawaii Prince Hotel Waikiki

100 Holomoana St.

Honolulu, HI 96815

Tel: (808)956-1111 Fax: (808)-946-0811

SUNDAY, 21 MARCH 2010

18:00–20:30

Welcoming Reception and Dinner:

Captain's Room, 3rd Floor – Hawaii Prince Hotel

Introduction by **LEE-JAY CHO**, Chairman, Northeast Asia
Economic Forum

Welcoming Remarks by **GEORGE ARIYOSHI**, Former
Governor of Hawaii and Chairman, Board of Directors, HAPI

Remarks by Cooperating Institutions

MONDAY, 22 MARCH 2010

Haleakala-Kilauea Ballroom, 3rd Floor, Hawaii Prince Hotel Waikiki

- 8:30–9:00 Coffee and Tea
- 9:00–10:20** **Session 1. *Preparing to Decrease Carbon Emissions (Part I)***
- 9:00–9:10 Introduction
LEE-JAY CHO, Chairman, NEAEF
- 9:10–10:20 **Country Perspectives**
Republic of Korea
TOH KYUNG-HWAN, Director-General, Bureau of Energy Efficiency,
Ministry of Knowledge Economy, Republic of Korea
- People's Republic of China*
SHEN LONGHAI, Director, Energy Management Company (EMC)
Committee of China Energy Conservation Association
- Japan*
TANABE YASUO, Deputy Director-General of Economic Affairs
Bureau, Ministry of Foreign Affairs of Japan
- 10:20–10:40 Coffee Break
- 10:40–11:20 **Session 1. *Preparing to Decrease Carbon Emissions (Part II)***
Country Perspectives (continued)
USA
STEVE COWPER, Former Governor of Alaska, Steve Cowper
Associates
- Russia*
PAVEL MINAKIR, Academician and Director, Economics Research
Institute, Far Eastern Branch, Russian Academy of Sciences
- 11:20–12:00 Questions and Discussion
- 12:00–13:30 Lunch – Prince Court Buffet, Hawaii Prince Hotel, 3rd Floor

13:30–14:30 **Session 2.** *Energy Markets and a Low-Carbon Globe (Part I)*

Sustainable Green Energy Supply System

IINUMA YOSHIKI, Director, Japan Electric Power Information Center (JEPIC)

Market Penetration of Renewable Energy in Hawaii and USA

JAMES GRIFFIN, Assistant Specialist, Hawaii Natural Energy Institute, School of Ocean and Earth Science and Technology, University of Hawaii at Manoa, presenting on behalf of **TERRENCE G. SURLES**, Researcher, Technology Integration and Policy Analysis, Hawaii Natural Energy Institute, School of Ocean & Earth Science & Technology, University of Hawaii at Manoa

Future Base-Load Power Issues and Renewable Energy for Power Generation

UCHIDA MITSUHO, Former Director, Central Research Institute of Electric Power Industry; Visiting Professor, Chukyo University, Japan

14:30–14:50 Coffee Break

14:50–15:50 **Session 2.** *Energy Markets and a Low-Carbon Globe (PART II)*

Renewable Energy in China

ZHANG JIANPING, Director, Department of International Regional Cooperation, Institute for International Economic Research, National Development and Reform Commission (NDRC), China

Korean Market and Low-Carbon Issues

KIM KYUNG-SOOL, Senior Research Fellow, KEEI, Korea

The Devil's Advocate: What if Renewable Energies are not the Solution?

JOHN TICHOTSKY, Advisor on Chukotka Region of Russia, and Senior Advisor, NEAEF

15:50–16:30 Questions and Discussion

TUESDAY, 23 MARCH 2010

Haleakala-Kilauea Ballroom, 3rd Floor, Hawaii Prince Hotel Waikiki

9:00-9:15 Coffee and Tea

9:15–10:15 **Session 3. Challenges and Solutions for Integrating Renewable Energies (RES) into Regional and Domestic Energy Markets**

Issues in Integration of Renewables in Island and Regional Electric Grids

ABBAS AKHIL, Principal Member of Technical Staff, Sandia National Laboratories, USA

Clean Energy Strategies for Hawaiian Electric

COLTON K. CHING, Manager, Corporate Planning Department, Hawaiian Electric Company, Inc., Honolulu, Hawaii

KNOC's Strategy and R&D Projects for a Low-Carbon Future

PARK MYONG-HO, Senior Geologist, E&P Technology, Korea National Oil Corporation (KNOC)

A Case Study Proposal, U.S. – Japan Cooperation

YAMAMOTO TAKASHI, Associate Professor of Economics, Akita International University

10:15–10:30 Coffee Break

10:30–11:30 Round Table Discussion

11:30–12:00 Policy Recommendations and Conclusion

Chair: LEE-JAY CHO, Chairman, NEAEF

12:00–13:00 Lunch

LIST OF PARTICIPANTS

Abbas AKHIL, Principal Member of Technical Staff, Sandia National Laboratories

George ARIYOSHI, Former Governor of Hawaii and Chairman, Board of Directors, HAPI

Colton K. CHING, Manager, Corporate Planning Department, Hawaiian Electric Company, Inc., Honolulu, Hawaii

Lee-Jay CHO, Chairman, Northeast Asia Economic Forum

Steve COWPER, Former Governor of Alaska, Steve Cowper Associates

James GRIFFIN, Assistant Specialist, Hawaii Natural Energy Institute, School of Ocean and Earth Science and Technology, University of Hawaii at Manoa

IINUMA Yoshiki, Director, of Research Department, Japan Electric Power Information Center, (JEPIC)

KAMO Yoshihiko, Consul General of Japan

KIM Bong Joo, Consul General of Korea

KIM Kyung-Sool, Senior Research Fellow, KEEI

NANBU Hidetomo, Vice-Consul of Japan

Pavel MINAKIR, Academician and Director, Economics Research Institute, Far Eastern Branch, Russian Academy of Sciences

PARK Myong-Ho, Senior Geologist, E&P Technology Institute, Korea National Oil Corporation (KNOC)

SHEN Longhai, Director, Energy Management Company Committee of China Energy Conservation Association

Terrence G. SURLES, Researcher, Technology Integration and Policy Analysis, Hawaii Natural Energy Institute, School of Ocean & Earth Science & Technology, University of Hawaii at Manoa

TANABE Yasuo, Deputy Director-General, Economic Affairs Bureau, Ministry of Foreign Affairs

Kenji SUMIDA, Secretary General, North American Committee of NEAEF, Former President of East-West Center

John TICHOTSKY, Advisor on Chukotka Region of Russia, and Senior Advisor, NEAEF

TOH Kyung-Hwan, Director-General, Bureau of Energy Efficiency, Ministry of Knowledge Economy, Republic of Korea

UCHIDA Mitsuho, Former Director, Central Research Institute of Electric Power Industry; Visiting Professor, Chukyo University, Japan

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