



PACIFIC ENERGY SUMMIT

*Building economic and environmental security
through innovative energy solutions*

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Mission — The Pacific Energy Summit aims to foster economic and energy security in the Asia-Pacific by developing practical solutions to the dual challenges of rising energy demand and global climate change.

A Regional Gathering — The Pacific Energy Summit is an invitation-only event that convenes high-level policymakers, industry leaders, and experts to articulate regional energy needs and opportunities. We explore market-based policy solutions, coordinate efforts to effectively use available technology and limited resources, and foster public-private partnerships.

Themes — Under the theme of “Forging Trans-Pacific Cooperation for a New Energy Era,” the 2013 Pacific Energy Summit will convene key stakeholders from around the world in Vancouver, Canada, on April 2–4, 2013, to explore best practices and solutions for successfully meeting Asia’s energy needs and promoting environmental stewardship. Participants will discuss broad shifts underway in world energy markets, the urgency of addressing climate change, and the role Asia–North America ties could play in boosting energy and environmental security.

Research and Results — To inform plenary sessions and prompt thought-provoking discussion, the Summit organizers commission policy papers from top experts in the field. The policy papers, along with a final report summarizing the Summit discussion and findings, will be distributed to key stakeholders in the Asia-Pacific region after the Summit.



Under Secretary Robert Hormats (Department of State, United States), Tatsu Masuda (Nagoya University), Fuqiang Yang (National Resources Defense Council, China), Vice Minister Hoang Quoc Vuong (Ministry of Industry and Trade, Vietnam), Secretary Jose Rene Almendras (Department of Energy, Philippines), Abdul Rahim Hashim (International Gas Union; Malaysian Gas Association), and Emma Cochrane (ExxonMobil Gas and Power Marketing Company) were among the policymakers, industry leaders, and experts who participated in the 2012 Summit.

2013 Pacific Energy Summit: Vancouver, Canada | April 2-4

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Forging Trans-Pacific Cooperation for a New Energy Era

The Asia-Pacific is the most economically dynamic region in the world and sits at the forefront of global efforts to effectively meet growing energy needs and combat climate change. Economies in the Asia-Pacific region are working to develop energy sources to meet sustained economic growth while reducing the environmental impact of energy consumption.

On April 2-4, 2013, the Pacific Energy Summit will convene key stakeholders from around the world in Vancouver, Canada, to discuss market and policy solutions for “Forging Trans-Pacific Cooperation for a New Energy Era.”

This invitation-only event will take place over two days in an interactive forum where delegates will explore what is needed to realize the full potential for more integrated energy trade and investment between Asia and North America.

The 2013 Summit will focus on the best practices and solutions for successfully meeting Asia’s energy needs and promoting environmental stewardship. Participants will discuss broad shifts underway in world energy markets, the urgency of addressing climate change, and the role Asia-North America ties could play in boosting energy and environmental security.

For more information on the Pacific Energy Summit or sponsorship opportunities, please contact Lynann Butkiewicz at [\[nbrpes@nbr.org\]](mailto:nbrpes@nbr.org).

“[NBR] does a terrific job at getting great people, with great ideas, and making it into a process of dialogue and interaction that leads to recommendations that are very useful in the policymaking process.”

—Robert Hormats, U.S. Under Secretary of State for Economic Growth, Energy, and the Environment

2012 Pacific Energy Summit: Hanoi, Vietnam | March 20–22

The 2012 Pacific Energy Summit on “Innovative Generation: Powering a Prosperous Asia” convened in Hanoi, Vietnam, on March 20–22. Participants discussed implications of energy and electricity supply and demand trends for Asia’s economic growth and environmental conditions; public policy options for promoting investment and infrastructure development to improve energy access and environmental stewardship; and critical issues stakeholders must address when determining their energy mix and investment goals. The 2012 Summit papers and report are available at www.nbr.org.

2012 Summit Partner Organization

Diplomatic Academy of Vietnam

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Sponsoring Organizations

Asian Development Bank (ADB)
Japan Bank for International Cooperation (JBIC)
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Collaborating Organizations

Institute of Energy, Vietnam
Vietnam Chamber of Commerce and Industry

2012 Summit Papers

- **Powering Asia’s Growth: Meeting Rising Electricity Needs**
Mikkal Herberg
The National Bureau of Asian Research and University of California, San Diego
- **Electricity at the Right Price**
Donald Hertzmark
DMP Resources
- **First Principles: Technology as an Enabler for Productive Power Markets**
Peter Hughes, Scott Hare, and Maite Pina
Ricardo Strategic Consulting
- **A Case Study on Power Sector Restructuring in Vietnam**
Nguyen Anh Tuan
Institute of Energy, Vietnam
- **Prospects for Nuclear Energy in Asia**
Hooman Peimani
Energy Studies Institute
- **Taking Renewable Energy to Scale in Asia**
Letha Tawney
World Resources Institute
- **Principles of Successful Expansion of Rural Electrification Programs**
Daniel Waddle
NRECA International



Tran Xuan Hoa (Vietnam National Coal and Mineral Industries Holding Corporation (Vinacomin)), Pham Hoang Luong (Hanoi University of Science and Technology), and Nguyen Xuan Thang (GE Energy), discuss ways in which technology can transform the use of coal in Asia; Melody Meyer (Chevron Asia Pacific Exploration and Production) and Admiral Dennis Blair (Board of Directors, The National Bureau of Asian Research) explore the future of energy partnerships in Asia; Srinivasan Padmanaban (United States Agency for International Development) engages with panelists during a group discussion.

2011 Pacific Energy Summit: Jakarta, Indonesia | February 21–23



The 2011 Pacific Energy Summit convened in Jakarta, Indonesia, on February 21-23, with the theme “Unlocking the Potential of Natural Gas in the Asia-Pacific.” Discussions focused on the growing role that natural gas can play in accelerating the transition to a low-carbon economy while supporting continued economic growth. Panel topics included the role of natural gas in climate change policies, the incorporation of natural gas in the power sector, and the future of unconventional gas. The Summit papers and the 2011 Pacific Energy Summit Report, which summarizes key findings from the Summit, are available online at www.nbr.org.

2011 Summit Lead Sponsors

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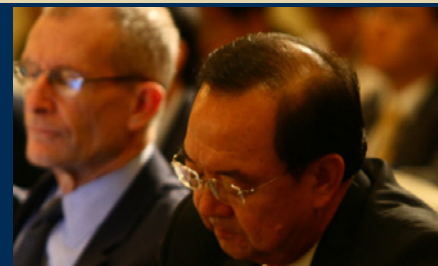
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Collaborating Institution

Indonesian Institute for Energy Economics

2011 Summit Papers

- **Natural Gas in Asia: History and Prospects**
Mikkal Herberg
The National Bureau of Asian Research and University of California, San Diego
- **Asian Natural Gas: Supply, Infrastructure and Pricing Issues**
James Jensen
Jensen Associates
- **Evolving Roles of LNG and Asian Economies in Global Natural Gas Markets**
Hiroshi Hashimoto
Gas Group, Institute of Energy Economics, Japan (IEEJ)
- **Europe’s Evolving Gas Market: Future Direction and Implications for Asia**
Peter Hughes
Ricardo Strategic Consulting
- **The Policy Tightrope in Gas-Producing Countries: Stimulating Domestic Demand Without Discouraging Supply**
Mark Thurber and Joseph Chang
Program on Energy and Sustainable Development, Stanford University
- **Unconventional Gas and Implications for the Liquid Natural Gas (LNG) Market**
Alexis Aik and Chris Gascoyne
FACTS Global Energy



Gita Wirjawan (Indonesia Investment Coordinating Board), Fatih Birol (International Energy Agency), Admiral Dennis Blair (Board of Directors, The National Bureau of Asian Research), Ken Koyama (The Institute of Energy Economics, Japan), and Minister Dato’ Sri Peter Chin Fah Kui (Minister of Energy, Green Technology, and Water, Malaysia) were among the policymakers, industry leaders, and experts who participated in the 2011 Summit.

2009 Pacific Energy Summit: Tokyo, Japan

November 3–5

The inaugural Pacific Energy Summit convened in Tokyo, Japan, on November 3-5, with the theme “Energy Security and Economic Growth in the Asia-Pacific: Innovations, Markets, and Smart Policies for a Low-Carbon Future.”

Discussions focused on developing a roadmap for action around efficient and clean energy technologies, the various mechanisms to promote implementation of these technologies, and the related uncertainties and challenges that countries such as China, India, Japan, and the United States face.



2009 Summit Sponsors

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The Kenneth B. and Anne H.H. Pyle Center
for Northeast Asian Studies
The Korea Energy Economics Institute (KEEI)
The Energy Resources Institute (TERI)

Hiroshi Komiyama (Mitsubishi Research Institute), Minister Angelo Reyes (Department of Energy, Philippines), and Kenneth Cukier (The Economist) participate in the 2009 Summit.

The Pacific Energy Summit is an initiative of The National Bureau of Asian Research (NBR).

Founded with a grant from the Henry M. Jackson Foundation, NBR is an independent, nonpartisan research institution committed to informing and strengthening policy.



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