

Welcome!

WIREC 2008 will run from March 4 – 6, 2008 at the Washington Convention Center.

Official Side Events will be held from March 3rd – 6th. For more information, please visit:

http://www.americanrenewables.org/about_official_side_events.cfm

To see the agenda for the Trade Show and Business Conference at WIREC 2008, please visit:

http://www.americanrenewables.org/about_gbc.cfm

(Updated: March 5, 2008)

Monday, March 3, 2008

12:30 - 6:00 p.m. Registration and Pre-conference Meetings

Tuesday, March 4, 2008

7:00 – 8:30 a.m. Registration

8:30 – 9:00 a.m. Welcome and Introductions

Paula Dobriansky, Under Secretary of State for Democracy and Global Affairs,
Department of State of the United States

Michael Eckhart, President, American Council On Renewable Energy (ACORE)

Thomas Dorr, Chairman, Secretary's Energy Council, Under Secretary for Rural
Development, United States Department of Agriculture

9:00 – 10:30 a.m. Opening Statements

Introductions: **Paula Dobriansky**, Under Secretary of State for Democracy and Global Affairs, United States Department of State

Speaker: **John D. Negroponte**, Deputy Secretary of State, United States Department of State
The Challenge and Charge to the Attendees

Speaker: **Ed Schafer**, Secretary, United States Department of Agriculture

Speaker: **Michael Müller**, Parliamentary State Secretary, Germany
Lessons from Bonn, 2004.

Speaker: **Zhang Xiaoqiang**, Vice Chairman. National Development and Reform Commission of China
Lessons from Beijing, 2005.

10:30 – 11:00 a.m. Networking Coffee Break

11:00 – 12:30 p.m. *Ministerial Level Plenary Session: Defining the Issues*
Introductions: **Hermann Scheer**, Germany, General Chairman World Council for Renewable Energy

Current Trends and Issues: Renewable Energy

Speaker: **Samuel Bodman**, Secretary, United States Department of Energy
Speaker: **Tony Hayward**, CEO, BP

Changing Role: Transition to Renewables

Speaker: **Mohamed El-Ashry**, Chairman, REN21
Speaker: **Nobuo Tanaka**, Executive Director, International Energy Agency
Speaker: **Vinod Khosla**, Founder and CEO, Khosla Ventures and Sun Microsystems.

12:30 – 2:15 p.m. Lunch: Ministers and Invitation Only

Host: **Chuck Conner**, Deputy Secretary, United States Department of Agriculture

Speaker: **Dirk Kempthorne**, Secretary, United States Department of Interior

Speaker: **Connie Hedegaard**, Minister for Climate and Energy, Denmark

2:30 – 4:00 p.m. For the 2:30 p.m. to 4:00 p.m. period, two parallel sessions will be convened; 1) “Ministerial Session”, for Ministers only, and 2) “Stakeholder Session” for where stakeholders are identified as federal authorities not participating in the Ministerial session, local authorities not at the Federal level, private sector, and civil society. Each session will consider the economic and environmental benefits of renewable energy. Brief remarks will be offered with the objective of stimulating a meaningful and interactive dialogue among the respective session participants.

2:30 – 4:00 p.m. Concurrent Session I

Ministerial Session: The Economic and Environmental Benefits of Renewable Energy

Co-Chair: **Steve Johnson**, Administrator, United States Environmental Protection Agency

Co-Chair: **Andris Piebalgs**, Energy Commissioner, European Union

In this closed interactive session, the Ministers will address the key benefits of rapid deployment of renewable energy technology including:

- Energy Security
- Climate Change
- Environment and Air Quality
- Economic Growth including Rural Development

A representative group of Ministers will each give 5 minutes of remarks and then the floor will be open.

Open Discussion

2:30 – 4:00 p.m. Concurrent Session II

Stakeholder Session: The Economic and Environmental Benefits of Renewable Energy.

Chair: **David Hales**, President, College of the Atlantic

In this closed interactive session, the stakeholders will address the key benefits of rapid deployment of renewable energy technology including:

- Energy Security
- Climate Change
- Environment and Air Quality
- Economic Growth including Rural Development

A representative individual will give 5 minutes of remarks.



Speaker: **Dieter Salomon**, Lord Mayor, Freiburg, Germany
Speaker: **Corrado Clini**, Chair, Global Bioenergy Partnership (GBEP)
Speaker: **Dan Reicher**, Co-Chair of ACORE, and Director of Climate Change and Energy Initiatives, Google, Inc.
Speaker: **Lew Milford**, President, Clean Energy Group (US)
Speaker: **Moekti H. Soejachmoen**, Indonesia
Speaker: **Arthouros Zervos**, President European Wind Energy Association, President European Renewable Energy Council
Speaker: **Tetsunari Iida**, Executive Director, Institute for Sustainable Energy Policies, Japan

Open Discussion

4:00 - 4:30 p.m. Networking Coffee Break

4:30 - 6:00 p.m. Joint Ministerial-Stakeholder "Straight Talk" Session

Moderator: **Hank Habicht**, Vice Chairman of the Global Environment and Technology Foundation and Managing Partner of SAIL Venture Partners

The session will be kicked off by brief remarks by **Andris Piebalgs**, representing ministers and **David Hales**, President, College of the Atlantic representing stakeholders, who will share the results of the prior sessions. After their brief remarks the session will be open.

Open Discussion

6:00 – 7:30 Optional Conference Activities
Trade Show
Reception
Other

Wednesday, March 5, 2008



The conference format for Wednesday is that there will be parallel and concurrent ministerial level sessions throughout the entire day. In the morning there will be two plenary sessions which will run concurrently: 8:00 – 9:00 a.m. will be the Market Adoption and Finance focal theme (Plenary A); and 8:00 – 9:00 a.m. will be the Agriculture, Forestry, and Rural Development focal theme (Plenary B). After the morning networking coffee break, there will be multiple concurrent ministerial level sessions (11:00 – 12:30 p.m.): three will focus on Market Adoption and Finance; four will focus on Agriculture, Forestry, and Rural Development, and one session on state and local authorities (C).

After lunch, the Research and Development focal theme will have a plenary session (2:30 – 4:00 p.m.). The Market Adoption and Finance focal theme will go directly into three concurrent ministerial level sessions for the afternoon. State and local authorities will hold a session.

Following the afternoon networking break (4:30 – 6:00 p.m.), the Research and Development focal theme (D) will hold four concurrent direct talk sessions, the Market Adoption and Finance focal theme will continue with three concurrent sessions, and the State and local authorities will hold one session.

7:00 – 8:00 a.m. Registration

Breakfast – Third Level

8:00 – 9:00 a.m. Opening Plenary, Welcome and Remarks

Plenary A Market Adoption and Finance

Co-Moderator: **Gregory Manuel**, Special Advisor to the Secretary of State and International Energy Coordinator, United States Department of State

Co-Moderator: **Alexander “Andy” Karsner**, Assistant Secretary Energy Efficiency and Renewable Energy, United States Department of Energy

Speaker: **Maud Olofsson**, Deputy Prime Minister and Minister for Enterprise and Energy, Sweden

Speaker: **Reuben Jeffery III**, Under Secretary for Economic, Energy and Agricultural Affairs, United States Department of State

Speaker: **Tim Pawlenty**, Governor of Minnesota and Chair of the National Governors Association

Speaker: **Michael Liebreich**, CEO, New Energy Finance Renewable Energy

- 8:00 – 9:30 a.m. Opening Plenary, Welcome and Remarks
- Plenary B Agriculture, Forestry and Rural Development
- Moderator: **Thomas Dorr**, Chairman, Secretary's Energy Council, Under Secretary for Rural Development, United States Department of Agriculture
- Speaker: **Chuck Conner**, Deputy Secretary of Agriculture, United States Department of Agriculture
- Speaker: **Marcos Jank**, President and CEO, Brazilian Sugar Cane Industry Association (UNICA)
- Speaker: **Andrzej Dycha**, Under Secretary of State, Ministry of Agriculture and Rural Development, Republic of Poland
- Speaker: **Richard Tolman**, CEO, National Corn Growers Association
- Speaker: **Arthur Cua Yap**, Secretary, Department of Agriculture, Republic of the Philippines
- 10:00 - 11:00 a.m. Conference Keynote: George W. Bush, President of the United States
- 11:00 – 1:00 p.m. Concurrent Ministerial Level Sessions: Market Adoption and Finance (3); Agriculture, Forestry and Rural Development (4); and State and local authorities.
- 11:00 – 1:00 p.m. Market Adoption and Finance Concurrent Sessions
- A1. Grid-Connected Generation: Market Adoption and Deployment of New Technology**
- Moderator: **Connie Hedegaard**, Minister for Climate and Energy, Denmark
- Panelists:
- Christine Wörlen**, Deutsche Energie-Agentur GmbH (dena) - German Energy Agency
- Terry Hudgens**, President and CEO, PPM Energy
- Ian Simm**, Chief Executive Officer, Impax Group PLC.
- Lucien Bronicki**, Founder, Chairman, and Chief Technology Officer, Ormat Technologies, Inc
- Open Discussion

A2. Distributed and Off-Grid Generation: Market Adoption and Deployment of New Technology

Moderator: **Jeff Leonard**, President and CEO, Global Environment Fund

Panelists:

Wu Guihui, Deputy Director General, Energy Bureau, National Development and Reform Commission, People's Republic of China

Linda Conlin, Vice Chair and First Vice President, Export Import Bank of the United States

Gary Rieschel, Founder and Managing Director, Qiming Venture Partners

Daniel Yergin, Chairman, Cambridge Energy Research Associates, Inc. (CERA)

Open Discussion

A3. Renewable Fuels: Market Adoption and Deployment of New Technology

Moderator: **Paolo Frankl**, Head of Renewable Energy Unit, International Energy Agency

Panelists:

Guatam Bhandari, Executive Director, Morgan Stanley

Kadri Nassiep, CEO, South African National Energy Research Institute

Fernando Reinach, General Partner, Votorantim Ventures

Steve Gatto, Chairman, Chief Executive Officer, Bioenergy International

John Plaza, President/Founder, Imperium Renewables

Open Discussion

11:00 – 1:00 p.m.

Agriculture, Forestry and Rural Development Concurrent Ministerial Level Sessions

B1. Sustainability, Technology, and Development

Moderator: **Claudia McMurray**, Assistant Secretary of State for Oceans, Environment and Science, United States Department of State

Panelists:

Juan Pablo Bonilla, Sustainable Energy and Climate Change Initiative Coordinator, Inter-American Development Bank

Prodipto Ghosh, Senior Advisor to Prime Minister of India and Distinguished Fellow, The Energy and Resources Institute

William D. Dar, Director General of the International Crops Research Institute for the Semi-Arid Tropics

Rashmi S. Nair, Team Lead, Regulatory Product Characterization & Global Scientific Affairs, The Monsanto Company

Manoel Vicente Bertone, Under Secretary for Production and Agro Energy, Ministry of Agriculture, Brazil

Open Discussion

B2. Rural and Economic Development

Moderator: **James R. Kunder**, Deputy Administrator, United States Agency for International Development

Panelists:

Jamal Saghir, Director for Energy, Transport, and Water, World Bank

Sarah Adams, CEO, GVEP International (Global Village Energy Partnership)

Doug Faulkner, Deputy Under Secretary for Rural Development, United States Department of Agriculture

Yasuo Watanabe, Deputy Director General, Minister's Secretariat, Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan

Albert Butare, Minister of State in charge of Energy and Communications, Ministry of Infrastructure, Rwanda

Open Discussion

B3. Development of Biobased Products Industry (NON-Fuels)

Moderator: **Roger K. Conway**, Director, Office of Energy Policy and New Uses, United States Department of Agriculture

Panelists:

John Renieri, Vice President and General Manager, Bio-Based Materials - Energy & Specialties, DuPont

Ibrahim Togola, Director, Mali Folkecenter / CURES Network, Citizens United for Renewable Energy and Sustainability, Mali.

Boyd Rutherford, Chair, USDA Sustainable Operations Council, Assistant Secretary for Administration, United States Department of Agriculture

Open Discussion

B4. The Role of Forestry in Renewable Energy

Moderator: **Mark Rey**, Vice Chairman, Secretary's Energy Council and Under Secretary for Natural Resources and Environment, United States Department of Agriculture

Panelists:

Donna Harman, President and CEO, American Forest & Paper Association

Mauri Pekkarinen, Minister of the Economy, Finland

Sundar Bajgain, Head Biogas Programs, Bangladesh

Tom Richardson, Chief Executive Officer, Scion Group

Robert M. Persaud, M.P., Minister, Ministry of Agriculture, Guyana

Open Discussion

11:00 – 1:00 p.m.

State and Local Authorities Concurrent Ministerial Level Session

C1. Renewable Energy Policy & Financing Initiatives: Lessons Learned and Emerging Strategies

The purpose of this session is to discuss state and local authorities and local authority driven initiatives to advance markets and projects.

Co-Moderators: **Virginia Sonntag-O'Brien**, Coordinator, UNEP Sustainable Energy Finance Initiative - SEFI and **Piyush Ranjan Rout**, Executive Director of City Managers' Association Orissa, India

Panelists:

Gunnhild Utkvitne, Director, Baltic Sea Solutions

Mark Sinclair, Director, Clean Energy States Alliance (U.S.)

Dieter Salomon, Lord Mayor, Freiburg, Germany

Javier Garcia Monge, Energy and CDM Investment, Investment and Development Division", Corfo, Chile

Patrick J. D'Addario, President, Fiorello H. LaGuardia Foundation

George Fitch, Mayor, Warrenton, VA

Open Discussion

1:00 - 2:30 p.m.

Lunch: Ministers and Invitation Only

Host: **Ed Schafer**, Secretary, United States Department of Agriculture

Speaker: **George E. Pataki**, Former Governor of New York, Founder and Chairman of Pataki-Cahill Group, Counsel, Chadbourne and Parke

Speaker: **Robert Mosbacher**, Jr., President and CEO, U.S. Overseas Private Investment Corporation (OPIC)

1:00 - 2:00 p.m.

Renewable Energy Luncheon Event for Parliamentarians

By Invitation Only

Northeast Curtain Room (LJ230)

Jefferson Building

Library of Congress

2:30 – 4:00 p.m.

Plenary Session Research and Development

Moderator: **Peter Robertson**, Vice Chairman, Chevron Corporation

Speaker: **Walter Kohn**, Department of Physics, University of California, Santa Barbara, Santa Barbara, Nobel Laureate (Chemistry, 1998)

Speaker: **Ossur Skarphedinsson**, Minister of Industry, Iceland

Speaker: **John Holdren**, Teresa and John Heinz Professor of Environmental Policy, Harvard University and member of the National Academy of Sciences and Engineering

Speaker: **Li Junfeng**, Secretary General, Chinese Renewable Energy Industries Association

Speaker: **Arthouros Zervos**, President European Wind Energy Association, President European Renewable Energy Council

Open Discussion

2:30 – 4:00 p.m.

Market Adoption and Finance Concurrent Ministerial Level Sessions: These sessions focus on enabling renewable energy uptake in mature markets.

A4. Grid-Connected Generation in Mature Markets

Moderator: **Binyamin Ben-Eliezer**, Minister of National Infrastructure, Israel

Panelists:

Christopher Eckerberg, Vice President and Head of Public Affairs, Vattenfall

John Cavalier, Vice Chairman, Credit Suisse Securities

Pat Wood III, Principal, Wood3 Resources and Past Chairman of Advisory Board, Airtricity North America

Open Discussion

A5. Distributed and off-grid generation in Mature Markets

Moderator: **Wolfgang Palz**, Chair, World Council for Renewable Energy

Panelists

Thomas Dinwoodie, CEO, SunPower Corporation, Systems

Mit Mehta, Principal, CCMP Capital Advisors, LLC

Hannes Smáráson, Chairman, Geysir Green Energy

Daniel Foley, VP, Power Marketing, Acciona Energy North America

Open Discussion

A6. Renewable Fuels in Mature Markets

Moderator: **Harry Duynhoven**, Associate Minister of Energy and Minister of Transport Safety, New Zealand

Panelists

Paul Vikner, President and CEO, Mack Trucks

Mark Fulton, Managing Director, Global Head of Strategic Planning and Climate Change Strategist, Deutsche Bank

Don Paul, Vice President - Special Projects, Chevron Corporation

Mary Beth Stanek, Director of Environment, Energy, and Safety Policy, General Motors Corporation

Open Discussion

2:30 – 4:00 p.m.

State and Local Authorities Concurrent Ministerial Level Session

C2. Economic Development & Renewable Energy

The purpose of this session is to explore various economic development tools state and local governments can employ to support key technology companies, the further commercialization of cutting-edge, employment generating renewable technologies, and the development of successful local and international markets for them.

Co-Moderators: **Katie McGinty**, Secretary, State of Pennsylvania: Energy Independence Strategy and **Aparajita Sarangi**, Municipal Commissioner, Bhubaneswar Municipal Corporation, India

Panelists:

Paul Tonko, President, NYSERDA, State of New York, Innovative Business Development

Marta Bonifert, Executive Director, Regional Environmental Center for Central and Eastern Europe

Tom Delay, Chief Executive, UK Carbon Trust

Stephen Kabuye, Mayor of Entebbe, Uganda

Kaspars Gerhards, Minister of Economics, Latvia

Open Discussion

4:00 – 4:30 p.m.

Networking Coffee Break

4:30 – 6:00 p.m.

Concurrent Sessions: Market Adoption and Finance (3); Research and Development (4); and State and local authorities

4:30 – 6:00 p.m.

Market Adoption and Finance Concurrent Ministerial Level Sessions: These sessions focus on enabling renewable energy uptake in emerging markets.

A7. Grid-Connected Generation in Emerging Markets

Moderator: **David Bohigian**, Assistant Secretary for Market Access and Compliance, U.S. Department of Commerce

Panelists:

V. Subramanian, Secretary to Government of India, Ministry of New and Renewable Energy

Noam Ben-Ozer, Managing Director, Focal Energy

V.K. Garg, Chairman and Managing Director, Power Finance Corp

Dana Younger, Senior Advisor for Renewable Energy and Sustainability, Infrastructure Department, International Finance Corporation (IFC)

Jeffrey Sachs, Director of The Earth Institute, Quetelet Professor of Sustainable Development, and Professor of Health Policy and Management, Columbia University

Open Discussion

A8. Distributed and off-grid generation in Emerging Markets

Moderator: **Mark Radka**, Energy Programme Coordinator, United Nations Environment Programme (UNEP)

Panelists:

Amina Benkhadra, Minister of Energy, Mines, Water, and Environment, Morocco
Leandro Alves, Head of Energy Division, Inter-American Development Bank (IDB)
Christopher Flavin, President, Worldwatch Institute
Anthony Orlando, President and CEO, Covanta Energy
Angelo Reyes, Secretary, Department of Energy, Republic of the Philippines

Open Discussion

A9. Renewable Fuels in Emerging Markets

Moderator: **Hernan Martinez Torres**, Minister, Ministry of Energy and Mines, Colombia

Panelists:

Yusof Basiron, CEO, Malaysian Palm Oil Council
Nancy Floyd, Founder and Managing Partner, Nth Power
José Sergio Gabrielli de Azevedo, President and CEO, Petrobras
Anil Cabraal, Lead Energy Specialist, World Bank
Glenn Prickett, Senior Vice President, Conservation International

Open Discussion

4:30 – 6:00 p.m.

State and Local Authorities Concurrent Ministerial Level Session

C3. Renewable Energy Collaboration Opportunities: Creating national and Sub-national Partnerships:

Today, state decision-makers enact and implement the policies, programs, and plans that are key drivers of renewable energy technology market transformation within their borders. This panel will explore how national and sub-national entities can and are working together more effectively to leverage each sector's particular strengths and resources to maximize renewable technology progress.

Moderator: **Paul Suding**, Head of Secretariat, REN21

Panelists:

Marianne Osterkorn, International Director, Renewable Energy and Energy Efficiency Partnership
Kijune Kim, Chair of the Asia Pacific Partnership for Clean Development and Climate, Renewable Energy Distributed Generation Task Force, South Korea
Robert Meyers, Acting Assistant Administrator for the Office of Air and Radiation, United States Environmental Protection Agency
Marty Sedler, Global Utilities Director, Intel Corporation
Gunnhild Utkvitne, Director, Baltic Sea Solutions

Open Discussion

4:30 – 6:00 p.m.

Concurrent Ministerial Level Sessions for Research and Development

D1. Bioenergy Feedstocks

Moderator: **Gale Buchanan**, Under Secretary for Research, Education, and Economics, United States Department of Agriculture

Panelists:

Miles Drake, Senior Vice President, Research & Development, Weyerhaeuser Company

Kepler Euclides Filho, Executive Director of EMBRAPA, Brazil

Timothy Searchinger, Woodrow Wilson School, Princeton University

Wayne Smith, Former Dean of College of Agricultural and Life Sciences and Director of School of Forest Resources and Conservation at the University of Florida

Open Discussion

D2. Bioenergy Conversion Processes

Moderator: **Ray Orbach**, Under Secretary for Science, Office of Science, United States Department of Energy: Introduction to the topic

Panelists:

Jan-Eric Sundgren, Senior Vice President Environment and Public Affairs, Volvo Group

James A. Dumesic, Professor of Engineering, University of Wisconsin

Bruce E. Dale, Editor In Chief, Biofuels, Bioproducts & Biorefining; Associate Director: Office of Biobased Technologies; and Professor: Department of Chemical Engineering and Materials Science, Michigan State University

David B. Sandalow, Senior Fellow Foreign Policy, The Brookings Institute

Open Discussion

D3. Wind and Solar

Moderator: **Joachim Luther**, Chairman of the International Science Panel on Renewable Energies (ISPRES)

Panelists:

Dan Arvizu, Director, National Renewable Energy Laboratory

Nathan Lewis, George L. Argyros Professor of Chemistry, Cal Tech

Arnold Goldman, Founder & Chairman of BrightSource Energy, Inc.

Open Discussion

D4. Ocean, Tidal, Geothermal, Hydro and Hydrogen

Moderator: **Jason Bak**, Chief Executive Officer, Finavera Renewables Inc.

Panelists:

Liv Monica Stubholt, Deputy Minister, Ministry of Petroleum and Energy, Norway

Kristjan Guy Burgess, Executive Director, Global Center, Iceland

Jose Achache, Director, Group on Earth Observations Secretariat, Geneva, Switzerland

Thorsteinn Sigfusson, Professor of Physics, University of Iceland, Iceland.

Open Discussion

6:00 – 7:30

Optional Conference Activities

Reception Third Level

Other

Thursday, March 6, 2008

7:30 – 8:30 a.m.

Registration

Breakfast in Pre-function Area

8:30 – 10:00 a.m.

Opening Plenary: Presentation of findings from focal theme discussions

Co - Moderator: **Reno Harnish**, Principal Deputy Assistant, Secretary of State, United States Department of State

Co – Moderator: **Allan Johnson**, Senior Advisor to the Under Secretary for Rural Development, United States Department of Agriculture

Agriculture, Forestry and Rural Development - **Thomas Dorr**, Chairman, Secretary's Energy Council, Under Secretary for Rural Development, United States Department of Agriculture

Market Adoption and Finance - **Gregory Manuel**, Special Advisor to the Secretary of State and International Energy Coordinator, United States Department of State
Research and Development - **Millie Dresselhaus**, Institute Professor, Massachusetts Institute of Technology (M.I.T.), United States

Regional Findings - **Buyelwa Sonjica**, Minister, Ministry of Minerals and Energy, South Africa

10:00 - 10:30 a.m. Networking Coffee Break

10:30 – 12:00 p.m. Pledges and Commitments

James L. Connaughton, Chairman, White House Council on Environmental Quality

12:00 – 12:30 p.m. Closing Remarks and Announcements

Paula Dobriansky, Under Secretary of State for Democracy and Global Affairs, United States Department of State

Michael Eckhart, President, American Council On Renewable Energy (ACORE)

Paula Dobriansky, Under Secretary of State for Democracy and Global Affairs, United States Department of State

12:30 – 2:00 p.m. Lunch: Ministers and Invitation Only

Host: **Paula Dobriansky**, Under Secretary of State for Democracy and Global Affairs, United States Department of State

Speaker: **Graeme Wheeler**, Managing Director, Operations, The World Bank Group

Speaker: **Maud Olofsson**, Deputy Prime Minister and Minister for Enterprise and Energy, Sweden