



Please join us for a side event at COP 22

Taking the Clean Energy Transformation from Nationally Determined Contributions (NDCs) to Action

Thursday, November 10, 4:00 – 5:00 pm (16:00 – 17:00)
US Center, Delegations' Area, DEL4, Zone Bleu

Overview

With the Paris Agreement cementing both political will and domestic planning objectives for a low-carbon future, the private sector is emerging as a true leader and a prominent actor in the global movement to #ActOnClimate. In many ways, the 162 nationally determined contributions (NDCs) equal 162 clean energy roadmaps.

The time to maximize and utilize private sector expertise to take action on climate is now, as the energy sector is undergoing a global clean energy transformation. In 2015, global investment in clean energy topped a record high of \$329 billion. Clean energy technology costs are falling and innovative business and policy frameworks are taking root, but challenges in broad-scale deployment remain. Policy certainty and reliable investment and legal frameworks remain critical ingredients for a successful low-carbon energy sector to flourish.

This panel of U.S. clean energy companies offers its perspectives on NDCs and its practical experience deploying technology solutions to improve energy productivity, provide cleaner sources of electricity generation and transportation, and elevate the efficiency, quality of life and connectivity of the built environment, both in the United States and abroad.

Keynote Remarks: David Friedman, Acting Assistant Secretary for the Office of Energy Efficiency and Renewable Energy (EERE), US Department of Energy

Panelists:

- Lisa Jacobson, President, Business Council for Sustainable Energy (moderator)
- Steve Sawyer, Secretary General, Global Wind Energy Council
- Nanette Lockwood, Global Director, Climate Policy, Center for Energy Efficiency & Sustainability, Ingersoll Rand
- Clay Nesler, Vice President, Global Energy & Sustainability, Building Efficiency, Johnson Controls
- John Kadyszewski, Senior Director, Strategic Initiatives, Winrock International

Watch: Via live webcast at state.gov/uscenter.

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For more information, please contact Laura Tierney ltierney@bcse.org.

Speaker Biographies

David Friedman, Acting Assistant Secretary for the Office of Energy Efficiency and Renewable Energy (EERE), US Department of Energy. As Acting Assistant Secretary for EERE, David Friedman leads the organization to transition the nation to a clean energy economy. He oversees six major technology and strategic areas, including Energy Efficiency, Renewable Power, Sustainable Transportation, Strategic Programs, Financial Management, and Business Operations. In addition, he represents EERE before national, state, and local audiences to reinforce EERE's mission and leverage partnerships to transform the nation's economic engine to one powered by clean energy. Before being named as EERE's Assistant Secretary, David served as the organization's Principal Deputy, overseeing day-to-day operations and a broad energy portfolio. He also served as both Deputy and Acting Administrator of the National Highway Traffic Safety Administration, where he led the agency's mission to save lives, prevent injuries and reduce economic costs due to road traffic crashes, through education, research, safety standards, and enforcement activity. David has been an influential sustainable transportation and clean energy technologies expert for more than two decades, including service on several National Academies committees, President's Hydrogen Technical Advisory Committee, and 12 years at the Union of Concerned Scientists.

Lisa Jacobson, President, Business Council for Sustainable Energy: Ms. Jacobson serves as the President of the Business Council for Sustainable Energy (BCSE), a coalition of clean energy companies and associations from the energy efficiency, natural gas and renewable energy sectors in the United States. Ms. Jacobson advises state and federal policymakers on energy, tax, air quality and climate change issues. Lisa received a Master's in International Relations from the London School of Economics and Political Science; and a Bachelor's degree in Political Science from the University of Vermont.

Steve Sawyer, Secretary General, Global Wind Energy Council (GWEC): Mr. Sawyer became GWEC's first Secretary General in April 2007. The Global Wind Energy Council represents the major wind energy associations (China, India, Japan, Brazil, Mexico, Australia, Canada, USA, Europe, Germany, Spain, Denmark, Italy, Korea, South Africa and UK) as well as the major companies involved in the global wind industry. Steve has worked in the energy and environment field since 1978, with a particular focus on climate change and renewable energy since 1988. Steve is also a founding member of both the REN21 Renewable Energy Policy Network and the IEA's Renewable Industry Advisory Board and holds a B.A. in Philosophy from Haverford College.

Nanette Lockwood, Global Director, Climate Change Policy, Center for Energy Efficiency & Sustainability, Ingersoll Rand: Ms. Lockwood focuses on developing strategies and coordinating product-related public policy, codes and standards advocacy, globally. She works closely with internal Ingersoll Rand teams as well as external government, non-government, academic and industry organizations in her efforts to expand and refine product markets. Nanette is a licensed Professional Engineer. She earned a Bachelor of Science degree in mechanical engineering and a Master of Science degree in environmental engineering from the University of South Florida; a Juris Doctorate from Concord Law School; and a Masters of Environmental Law and Policy from Vermont Law School.

Clay Nesler, Vice President, Global Energy & Sustainability, Building Efficiency, Johnson Controls: Mr. Nesler is responsible for energy and sustainability policy, programs and strategy. He also leads the company's global environmental sustainability council and is responsible for environmental and sustainability practices across the company's global manufacturing operations. Since joining Johnson Controls in 1983, Clay has held a variety of leadership positions in research, product development, marketing and strategy in both the United States and Europe. Mr. Nesler received BS and MS degrees in Mechanical Engineering from the University of Illinois at Urbana-Champaign and is a co-inventor on twelve patents.

John Kadyszewski, Senior Director, Strategic Initiatives, Winrock International: Mr. Kadyszewski is responsible for working across the institution to identify opportunities to implement bold initiatives that integrate Winrock's unique experience and strengths to achieve its mission. Mr. Kadyszewski managed an annual innovation fund, allocated by Winrock's board of directors, which invested in water, food security, sustainable agriculture, women's leadership, girl's education, entrepreneurship, climate change, biofuels and information technology. John also directs the American Carbon Registry (ACR) a business unit of Winrock that operates a voluntary carbon offset registry, and was approved as an Offset Project Registry for the California compliance market in December 2012. Mr. Kadyszewski joined Winrock International in 1989. He has an engineering degree from Princeton University.