

Accelerating Clean Energy Innovation in the United States

30 June 2016

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Solutions Center Background and Vision

CleanEnergySolutions.org

The Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April 2011. The Solutions Center:

- Is one of 13 CEM Initiatives, which include:
 - Global Superior Energy Performance Partnership
 - Super-Efficient Equipment and Appliance Deployment initiative
 - Global Lighting and Energy Access Partnership
- Helps governments design and adopt policies and programs that support the deployment of clean energy technologies
- Has more than 35 partners, including IRENA, IEA, IPEEC, Sustainable Energy for All, Bloomberg New Energy Finance and Leonardo Energy
- Is co-chaired by the U.S. Department of Energy and the Australian Department of Industry.



Clean Energy Solutions Center

CleanEnergySolutions.org

Goals

- **Serve** as the primary resource for clean energy policy information, assistance and peer learning for governments and government-affiliated practitioners.
- **Share** policy best practices, data, and analysis tools across countries.
- **Deliver** dynamic services that enable expert assistance, learning, and peer-to-peer sharing of experiences.
- **Foster** dialogue on emerging policy issues and innovation across the globe.

Primary

- Government Policy Makers
- Advisors

Secondary

- Private Sector Companies
- Energy Entrepreneurs and Investors
- Non-Governmental Organizations
- Civil Society
- Others Engaged in Clean Energy

Target Audiences

Ask-an-Expert: Our Experts in Action

CleanEnergySolutions.org

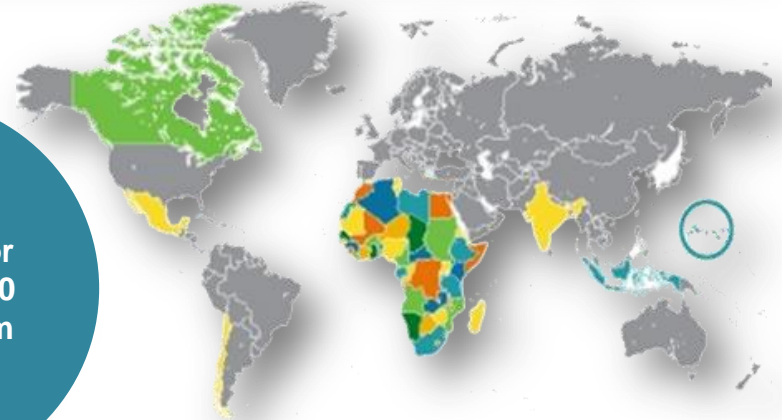


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:



- Renewable Energy
- Energy Access
- Energy Efficiency
- Smart Grid
- Transportation
- Utilities

Delivered no-cost assistance for more than 160 requests from over 75 countries.



Please submit your question directly at cleanenergysolutions.org/expert

Dave Turk, Deputy Asst. Secretary for International Climate and Technology, U.S. Dept. of Energy



Dave Turk is Deputy Assistant Secretary for International Climate and Technology at the U.S. Department of Energy. In this role, Mr. Turk helps to coordinate the Department's international climate change and clean energy efforts. He has previously served as Deputy Special Envoy for Climate Change at the U.S. Department of State, where he focused on a range of bilateral and multilateral partnerships to combat climate change. Mr. Turk was also a former Special Assistant to President Barack Obama and the Senior Director for Congressional Affairs at the U.S. National Security Council. In addition, Mr. Turk formerly worked for Senator Kent Conrad, Senator Joe Biden, and Chairman Henry Waxman in the U.S. Senate and U.S. House of Representatives.

Joseph Hezir, Chief Financial Officer, U.S. Department of Energy



Joseph Hezir was confirmed by the Senate on December 4, 2014 as the Department of Energy's Chief Financial Officer. As Chief Financial Officer, Mr. Hezir will work to assure the effective management and financial integrity of Department of Energy. He will help to implement and monitor Department-wide policies and systems in the areas of budget administration, program analysis and evaluation, finance and accounting, internal controls, corporate financial systems, and strategic planning.

Prior to joining the Department of Energy, Mr. Hezir worked as a Research Engineer and Executive Director of The Future of Solar Energy Study at the Massachusetts Institute of Technology's Energy Initiative. He was the Vice President and Managing Partner of EOP Group, Inc. and Executive Vice President of EOP Education, LLC and EOP Foundation, Inc. Mr. Hezir also held various roles at the Office of Management and Budget (OMB), Exxon Research and Engineering Company, the President's Reorganization Project, the U.S. Environmental Protection Agency (EPA), and was an advisor to a number of public policy and public service organizations.

Mr. Hezir co-authored two books about government budget and regulation published by the EOP Foundation: *Understanding the Budget of the United States Government* and *Understanding the Regulatory Policy of the United States Government*. He also received the President's Outstanding Federal Executive Award in 1989. Mr. Hezir attended Carnegie Mellon University, where he received a B.S. in Chemical Engineering and an M.S. from the Heinz School of Public Policy.

Dr. Franklin Orr, Under Secretary for Science and Energy, U.S. Dept. of Energy



Dr. Franklin (Lynn) M. Orr was sworn in as the Under Secretary for Science and Energy on December 17, 2014. As the Under Secretary, Dr. Orr is the principal advisor to the Secretary and Deputy Secretary on clean energy technologies and science and energy research initiatives. Dr. Orr is the inaugural Under Secretary for the office, which was created by Secretary of Energy Ernest Moniz to closely integrate DOE's basic science, applied research, technology development, and deployment efforts. As Under Secretary, he oversees DOE's offices of Electricity Delivery and Energy Reliability, Energy Efficiency and Renewable Energy, Fossil Energy, Indian Energy Policy and Programs, Nuclear Energy, and Science. In total, these programs steward the majority of DOE's National Laboratories (13 of 17).

Prior to joining the Department of Energy, Dr. Orr was the Keleen and Carlton Beal Professor Emeritus in the Department of Energy Resources Engineering at Stanford University. He holds a Ph.D. from the University of Minnesota and a B.S. from Stanford University, both in Chemical Engineering. Dr. Orr is also a member of the National Academy of Engineering. He served as a member of the Board of Directors of the Monterey Bay Aquarium Research Institute from 1987 to 2014, and was a member of the Board of Trustees of the David and Lucile Packard Foundation from 1999 to 2008, for which he has also chaired the Science Advisory Panel for the Packard Fellowships in Science and Engineering from 1988 to 2014. He served as a member of the 2008/09 National Research Council Committee on America's Energy Future.

Dr. Sanjiv Malhotra, Director, Clean Energy Investment Center, U.S. Dept. of Energy



Dr. Sanjiv Malhotra serves as the Director of the Clean Energy Investment Center, located within the Office of Technology Transitions. The center was announced in 2015 as part of the Obama Administration's Clean Energy Investment Initiative to advance private, mission-oriented investment in clean energy technologies that address the present gap in U.S. clean tech investment. The center helps enhance the availability of DOE's resources to private sector investors and potential partners in the public.

As Director, Dr. Malhotra oversees the center that serves as a single point of contact for investors to access technical experts, acquire the latest reports on clean energy technology, and identify promising projects. He is also instrumental in supporting Mission Innovation, an initiative to dramatically accelerate public and private global clean energy innovation to address global climate change, provide affordable clean energy to consumers, including in the developing world, and create additional commercial opportunities in clean energy.

Dr. Malhotra holds a bachelor's degree in chemical engineering from the Indian Institute of Technology, and he holds a master's degree in business administration and a doctoral degree in chemical and biochemical engineering from the University of Iowa.

Question and Answer Session

Please submit any questions through the “Question Pane” of the GoToWebinar panel

Questions



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