

**CLEAN ENERGY
SOLUTIONS CENTER**

SEAD Global Efficiency Medal Competition for Lighting Products

July 15, 2014



 **CLEAN ENERGY
SOLUTIONS CENTER**
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Welcome & Introductory Remarks

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Overview of the Clean Energy Solutions Center

- **Sean Esterly**, National Renewable Energy Laboratory

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Presentations

- **Chad Gallinat, Ph.D.**, Chair of SEAD Awards Working Group, U.S. Department of Energy
- **Mike Scholand**, Operating Agent Support, IEA 4E Solid-State Lighting Annex
- **Debbie Karpay Weil**, Senior Associate, SEAD Initiative, CLASP

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Question and Answer Session

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Attendee Survey

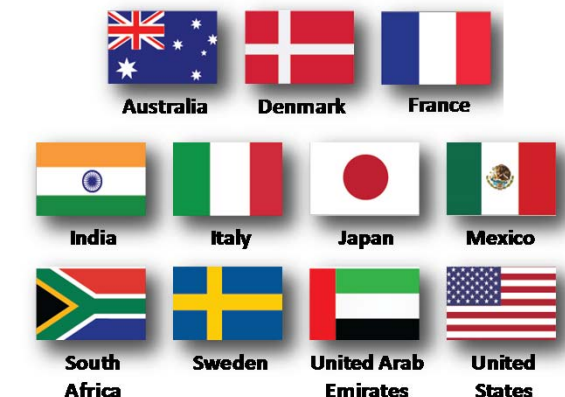
Solutions Center Background and Vision

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CleanEnergySolutions.org

The Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April 2011 for major-economy countries.

- One of 13 CEM Initiatives including:
 - Global Superior Energy Performance Partnership (GSEP),
 - Super-Efficient Equipment and Appliance Deployment (SEAD) initiative,
 - Global Lighting and Energy Access Partnership Global LEAP)
- Led by U.S. Department of Energy, Australia Department of Industry, International Copper Association, and other CEM partners
- Solutions Center is unique as a CEM initiative that delivers services to most countries.
- Has nearly 35 partners, including UN-Energy, IRENA, IEA, IPEEC, Sustainable Energy for All, Bloomberg New Energy Finance and Leonardo Energy



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

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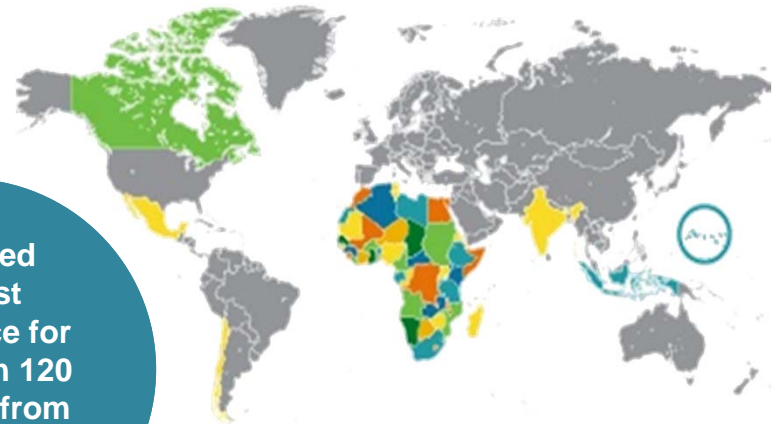


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:

- Transportation
- Renewable Energy
- Energy Access
- Energy Efficiency
- Lighting
- Smart Grid
- Integrated Planning
- Regulators and Utilities



Delivered no-cost assistance for more than 120 requests from over 60 countries.



To request assistance, register on <http://cleanenergysolutions.org/expert>



Ask-an-Expert

- Technical assistance from global experts on clean energy policy topics

Training/Peer-to-Peer Learning

- Webinars, videos and other resources

Resources

- Reports, data, and analysis tools related to clean energy policy

Stay Informed

- Subscribe to our newsletter for clean energy policy updates

Dr. Chad Gallinat - Chair of SEAD Awards Working Group, U.S. Department of Energy

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Chad Gallinat chairs the SEAD Awards Working Group. Dr. Gallinat joined DOE in 2013 as a Science and Technology Policy Fellow for the American Association for the Advancement of Science (AAAS). He is an accomplished materials scientist where his research made significant impact in the advancement of semiconductor technologies relevant to a host of light-absorbing and light-emitting applications including LEDs for solid state lighting. Prior to joining DOE, he worked in both the private sector and at a national laboratory on research initiatives with importance to both consumer goods and national security. Chad received a doctorate in Materials Engineering from the University of California at Santa Barbara for his work fabricating a technologically important light-emitting semiconductor material.

Michael Scholand - Operating Agent Support for the IEA 4E Solid-State Lighting Annex

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Michael Scholand works to support governments and the private sector in the development and implementation of energy-efficiency programmes and policies. With over fifteen years of experience in the energy efficiency field, he has worked on a broad range of appliances and equipment as well as emerging technologies and market transformation programmes. Mr. Scholand has strong analytical and modelling skills, and he is well versed in energy metrics, energy efficient technologies and energy-related analysis. He has worked to support policymakers establishing energy efficiency programmes for lighting products in Canada, Europe and the United States. He works as the Operating Agent Support for the IEA 4E Solid-State Lighting Annex and in that capacity, supported CLASP and SEAD in the development of the rules for this global efficiency medal competition for lighting. Mr. Scholand has also worked as an advisor on technical due diligence work for private equity investors in Europe, and through the United Nations, has provided support to 17 countries in West Africa and the Middle East who are looking to establish minimum energy performance standards for lighting products.

Debbie Karpay Weyl - Senior Associate, CLASP

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Debbie Karpay Weyl is a Senior Associate at CLASP, providing programmatic support to the SEAD Global Efficiency Medal competition. Since joining CLASP in 2011, Debbie has participated in original technical research, dissemination and distillation of technical results for policymakers, and project management. Prior to joining CLASP, Debbie worked as a consultant to the US Department of Energy supporting energy efficiency programs in the United States. Debbie has a master's degree from the London School of Economics in environmental policy and international development.

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Questions



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