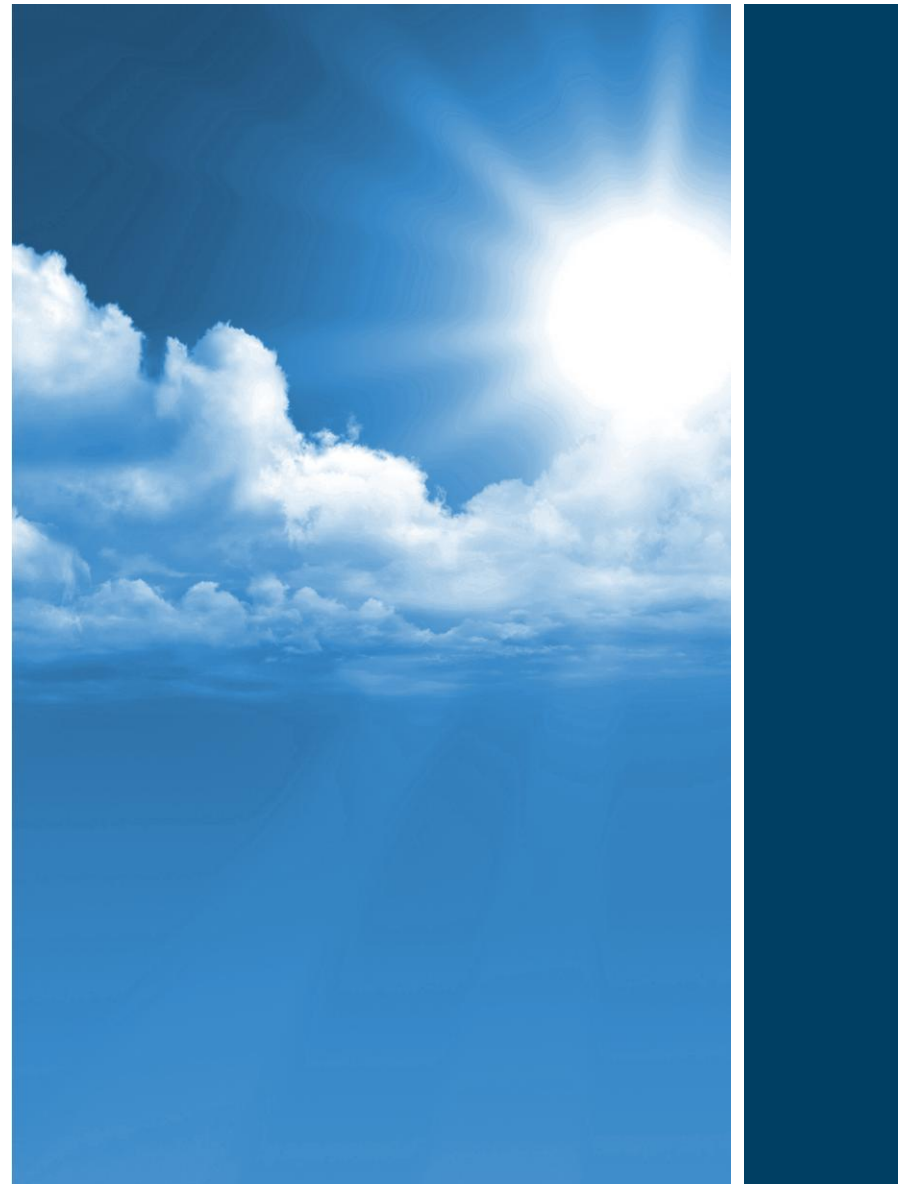


Clean Energy Solutions Center and the Collaborative Labeling & Appliance Standards Program

*Energy Efficient Outdoor Lighting:
The Global Energy Savings
Opportunity and Tools to Facilitate
Lighting Upgrades*

December 12, 2012

Vickie Healey – Moderator
Philip Jessup – Panelist
Neal Humphrey – Panelist



- *The Clean Energy Solutions Center does not endorse or recommend specific products or services. Information provided in this webinar is featured in the Solutions Center's resource library as one of many best practices resources reviewed and selected by technical experts*

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Some housekeeping Items (continued)

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We invite you to introduce yourself

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To ask a question

- **Select the ‘questions’ pane on your screen and type in your question**

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- PDFs of the presentations can be accessed at <http://cleanenergysolutions.org/training>

A recording of this Webinar and the PowerPoint slide deck will be made available at:

- <http://cleanenergysolutions.org/node/3255>

Agenda

- ✓ Welcome and Introductory Remarks
- ✓ Overview of the [Clean Energy Solutions Center](#)
 - **Vickie Healey**: Project Leader, National Renewable Energy Laboratory
- ✓ Presentations: Panlists
 - **Philip Jessup**: Philip Jessup, Director, LightSavers Canada, Canadian Urban Institute
 - **Neal Humphrey**: Global Research Associate, CLASP
- ✓ Question & Answer
- ✓ Discussion and Closing Remarks



Clean Energy Ministerial & UN Partnership Supporting the Solutions Center

- Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April, 2011 for major economy countries
 - One of eleven CEM Initiatives
 - Led by Australia and U.S. with other CEM partners
- Partnership with UN-Energy is extending scope to support all developing countries
 - Enhance resources on policies relating to energy access, small to medium enterprises (SMEs), and financing programs
 - Offer expert policy assistance to all countries
 - Expand peer to peer learning and training



Clean Energy Solutions Center

<http://www.CleanEnergySolutions.org>

Goals

- Serve as a first-stop clearinghouse of clean energy policy resources.
- Share policy best practices, data, and analysis tools across countries.
- Deliver dynamic services that will enable expert assistance, learning, and peer to peer sharing of experiences
- Foster dialogue on emerging policy issues and innovation across the globe.

Target Audiences

- Primary:
 - Energy policy makers and advisors
 - Analysts
- Secondary:
 - Private sector companies,
 - Energy entrepreneurs and investors
 - Non Governmental Organizations
 - Civil society
 - Others engaged in clean energy

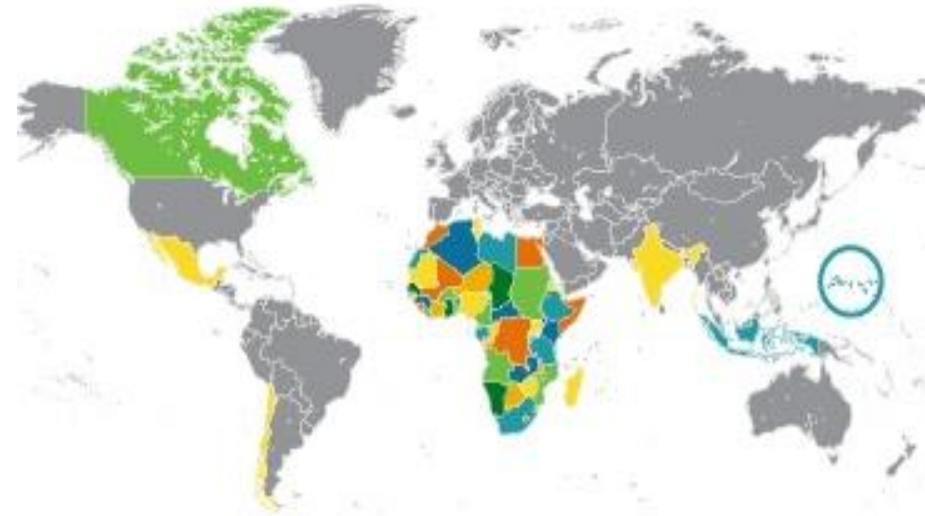


Ask an Expert: Our Experts in Action



We connect you to a global network of energy experts for personalized attention and quick response technical assistance on **strategies, regulations, standards, financial incentives, and deployment programs** for a broad range of clean energy sectors and technologies including:

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



Requesting Assistance:

Register on <http://cleanenergysolutions.org/expert>

How You Can Get Involved

- Request expert assistance or tailored technical resources for your country
- Participate in webinars, training activities, and policy networks
- Offer advice and suggest resources to share
- Sign up for the newsletter



- Join conversations on the Policy Forum

- ✓ <http://cleanenergysolutions.org/blogs>

Morgan Bazilian, Joint Institute for Strategic Energy Analysis

Return on Investment from Industrial Energy Efficiency: Evidence from Developing Countries

Posted: November 2012

Morgan Bazilian, Ludovico Alcorta, Giuseppe De Simone, and Ascha Pedersen

Energy efficiency investments in developing countries offer attractive returns

Energy efficiency (EE) is a foundational aspect of any good energy policy. The economic, security, and environmental benefits of EE have been recognized for decades. In this blog, we briefly consider the economic rationale for industry to invest in EE, and present results from financial analysis of 119 projects which were surveyed across nine manufacturing sub-sectors. While a large body of EE investment-related literature exists, the empirical results we present here focus solely on developing countries.

Contextualizing Electricity Access in Sub-Saharan Africa

Posted: November 2012

Ijeoma Oneyji and Morgan Bazilian

The populations of sub-Saharan African (SSA) countries have the least access to modern electricity services compared to emerging countries from other regions. Yet Africa's long-term economic growth and competitiveness fundamentally depends on reliable access to energy services.

Open Source Software and Crowdsourcing for Energy Analysis

Posted: September 2012

In a mid-July article in Energy Policy, my colleagues and I discussed issues around refining and augmenting energy planning model through innovative new tools and methods. This short blog draws from that piece.



Others We're Following

The [REEEP Energy Blog](#) from the Renewable Energy & Energy Efficiency Partnership provides reports from the world's leading events and commentary on key clean energy issues and informed debate on related subjects.

- 5 September 2012: [Clean Energy Events Listing: Canada, India, UK & US + REEEP's 9th Call for Proposals](#)

The [Leonardo Energy blogs](#) cover subjects from science to sustainable energy and electricity, and they include editors' blog as well as photo posts.

- 23 August 2012: [A Low-energy Building Policy Starts with Clear Definitions](#)

The [Bloomberg New Energy Finance podcasts](#) discuss the latest week's news on clean energy.

Philip Jessup, Director, LightSavers Canada, Canadian Urban Institute

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Philip Jessup is a senior technology and market transformation executive with a record of realizing ambitious trend-setting projects to cut emission of greenhouse gases at the municipal level. In 2012, he started up LightSavers Canada, a national LED market transformation program that aims to accelerate the adoption of LED street lighting in cities across Canada. He previously directed The Climate Group's global technology market transformation program, working with large cities such as London, New York, Hong Kong, and Kolkata to facilitate LED streetlight projects. Jessup recently completed a consultancy with the World Bank, assisting their carbon financing of LED street lighting projects in the Philippines. Jessup served as Executive Director of the Toronto Atmospheric Fund (TAF), the City of Toronto's climate agency, for nine years. Prior to TAF, he developed a global network of 350 municipalities committed to reducing greenhouse gases, the Cities for Climate Protection, under the auspices of ICLEI Local Governments for Sustainability. In 1989-1990, Jessup co-authored Toronto's first municipal CO2 reduction plan. He has served on numerous Canadian boards, most recently as a director of Manitoba Hydro, a provincial utility.

Neal Humphrey, Global Research Associate, CLASP

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Neal Humphrey joined CLASP in July 2012. There he provides technical and policy support in coordinating CLASP's analysis of energy-using products with the Global Research team, while also supporting CLASP's U.S. program and implementation of the SEAD Initiative. Humphrey has a broad base of experience in energy efficiency technologies, analysis, and efficiency program design. While at the Alliance to Save Energy, he was the lead developer of the Super-Efficient Equipment and Appliance Deployment (SEAD) Street Lighting Tool, a tool for street lighting purchasers to find more efficient fixtures. He also served as the project manager for the Efficient Windows Collaborative and was on the Board of Directors for the National Fenestration Rating Council (NFRC). Humphrey began his career in energy efficiency at ICF International, where he did building energy modeling and efficiency program potential studies for a wide array of residential and commercial building technologies. He holds a dual degree from North Carolina State University, with a B.S. in Mechanical Engineering and a B.A. in Science, Technology, and Society with a focus on Sustainability.

Time for Q&A

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Questions



Your participation is appreciated!

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Thank you!

An audio recording of this Webinar and the PowerPoint presentations will be available following the webinar

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