

# **Productive Uses of Energy: Unlocking Socioeconomic Benefits and Economic Viability of Energy Access Infrastructure**

30 August 2016

# Disclaimer

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# Agenda

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**Welcome & Introductory Remarks**

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**Overview of the Clean Energy Solutions Center**

- **Eric Lockhart**, National Renewable Energy Laboratory

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**Presentations**

- **Dr. Ana Pueyo**, Research Fellow, Institute of Development Studies (IDS)
- **Monika Rammelt**, Energy Advisor, GIZ
- **Dr. Butchiah Gadde**, Project Manager, UNDP

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**Question and Answer Session**

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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

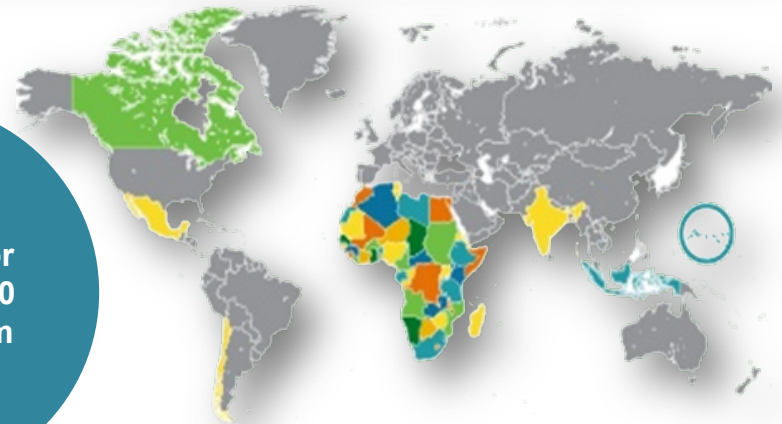


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:

- 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](https://cleanenergysolutions.org/expert)



# Dr. Ana Pueyo, Research Fellow, IDS



Ana Pueyo is a Research Fellow at IDS, where she leads energy and climate change research. At IDS she has been the convenor of the research theme “Pro-poor access to electricity”, as part of a £11 million DFID Accountable Grant. The program looks at the key elements energy supply initiatives need to consider to achieve poverty impacts. She is also the Principal Investigator of the research project “Green Growth Diagnostics for Africa” that analyses systematically the barriers preventing higher investment in renewable energy in Kenya and Ghana and the optimal policies to address these. She is also leading research looking at the impact of electricity provision through minigrids for small businesses in Kenyan villages. She has more than 13 years of academic and consultancy experience on energy and climate policy, having advised extensively policymakers in the European Union and private sector actors including energy utilities, sectoral associations, airlines and renewable energy project developers. Ana is trained as an Economist, holds a PhD in Industrial Engineering by the Technical University of Madrid, as well as an MSc in Management of Information Systems by the London School of Economics.

# Monika Rammelt, Energy Advisor, GIZ



Monika Rammelt is an energy advisor at GIZ in Germany (Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH). In her role there, she is advising the Federal German Ministry of Economic Cooperation and Development (BMZ) on pro-poor energy access infrastructure, decentralized energy supply, and cooking energy solutions. She is also involved in strategic and technical advisory work to GIZ's energy access interventions in Asia and Africa and liaising with international organizations such as World Bank, Global Alliance for Clean Cookstoves, SE4All, as well as international NGOs, industry associations and the private sector. Prior to her assignment with GIZ Germany, Monika spent 3 years working for GIZ in Uganda, focusing on rural electrification, market development for off-grid products, community-run micro hydro power and carbon market development. Monika Rammelt has about 10 years of professional experience in the areas of renewable energy, energy access, mini grids, cooking energy and climate change. She studied Political Science and African Studies at the University of Leipzig, Germany and the Institute d'Etudes Politiques at the University of Bordeaux, France.

# Dr. Butch Gadde, Project Manager, UNDP



Dr. Butchaiah Gadde is currently working as a Project Manager for Sustainable Energy Solutions for Rural Livelihoods (SES) and Strengthening the Resilience of Communities through Community-Based Disaster Risk Management (CBDRM) projects in DPR Korea. Prior to this, he worked as a Technical Specialist for UNDP Bangkok Regional Hub (formerly known as Asia-Pacific Regional Centre in Bangkok) in the design of projects that can be programmed for Global Environment Facility (GEF), UNDP TRAC and other donor resources, including technical assistance and technical advice for climate change projects. Before joining as staff, Butchaiah used to work for UNDP, GIZ and ADB as a consultant. Dr. Butchaiah Gadde has about 16 years of professional experience in the areas of renewable energy, environmental engineering and climate change. Dr Butchaiah has experience in working with international development agencies, consulting firms and NGOs. As a consultant and expert, carried out assignments for international agencies such as UNDP, GIZ, ADB, WHO, UNEP, ICEF, INEP, AusAID and USAID as well as governmental and civil society organizations in renewable energy, environmental engineering and climate change related issues.

# Question and Answer Session

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## Questions



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# Attendee Survey

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## THANK YOU!

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