

Mini-grids for Energy Access in Sub-Saharan Africa: Status and Lessons from Tanzania

31 May 2016

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Agenda

1

**Welcome &
Introductory
Remarks**

2

**Overview of the
Clean Energy
Solutions Center**

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

3

Presentations

- **Lily Odarno**, World Resources Institute
- **Estomih Sawe**, TaTEDO
- **Maneno Katyega**, TaTEDO

4

**Question and
Answer
Session**

5

**Attendee
Survey**

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

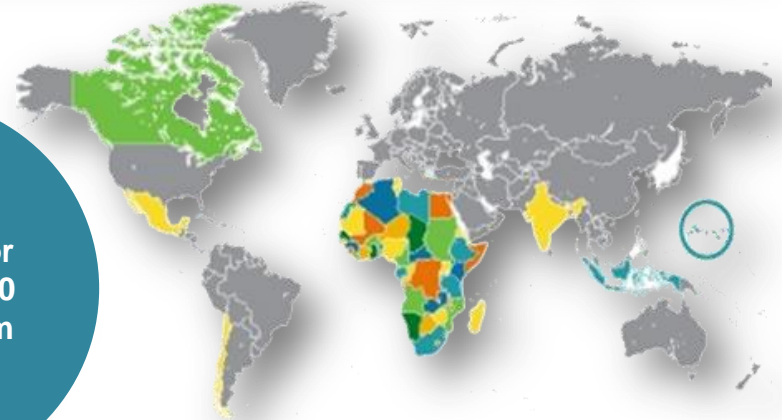


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:

- 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

Lily Odarno, Associate, World Resources Institute



Lily Odarno is an Associate with the World Resources Institute's Energy Program. She leads WRI's energy access work in East Africa. She works in close collaboration with government, private sector and civil society actors in the region to shape policy and regulatory and environments that support a holistic approach to energy access that draws on both grid and distributed generation options to deliver clean, affordable and reliable energy services. Prior to joining WRI, Lily's work involved research and policy analyses in energy and sustainable development at the Center for Energy and Environmental Policy. She previously worked with the UNEP/DTU Partnership in Denmark where she supported the Cleaner Energy Development Program to build the capacity of key energy stakeholders in developing countries to implement effective strategies for promoting energy access. Lily holds a PhD in Energy and Environmental Policy from the University of Delaware.

Estomih. N. Sawe, Executive Director, TaTEDO



Eng. Estomih. N. Sawe is the Executive Director of TaTEDO, a Centre for Sustainable Energy Services in Tanzania. He has over 25 years' experience in rural renewable energy, including mini grids programmes development combining experience working with the Government of Tanzania, Energy Department for more than 15 years, heading the Renewable Energy Section, and he has been involved in the coordination of several projects and formulation of the energy policy and its review of 2003. He has worked for the University (Institute of Resources Assessments as a bioenergy project coordinator) and for a renewable energy non-governmental organisation. He has many years of experience in undertaking sustainable energy studies, projects planning, development and field implementation specializing in rural energy needs assessments, community mobilisation and participatory planning and implementation methods, local energy enterprise and related institutional development, energy policy analysis, management systems development. He holds a Bsc. (India) and MSc. (USA) in Engineering and several specialised certificates and diploma trainings in sustainable energy technologies, practices, management and policy related issues.

Maneno Katyega, Senior Advisor, TaTEDO



Eng. Maneno JJ Katyega is currently Senior Advisor to TaTEDO on renewable energy mini-grids development projects and electrification. Formerly he was a Deputy Managing Director (Investments) at Tanzania Electric Supply Company (TANESCO) where he was responsible for research, strategic planning and management of all major projects at TANESCO. He also was a consultant to the Rural Energy Agency of Tanzania on supervision of grid extension projects in the Mbeya, Rukwa and Katavi regions. Further, he has undertaken energy policy research on restructuring and management of the power sector in Africa at the African Energy Policy Research Network (AFREPREN), which is based in Nairobi, Kenya. He holds a Masters Degree in Energy Engineering. He is an energy planning and management expert with more than 36 years of experience.

Question and Answer Session

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Questions



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THANK YOU!

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