

**CLEAN ENERGY
SOLUTIONS CENTER**

Training Webinar on ASEAN Renewable Energy Guidelines

December 4, 2014



 **CLEAN ENERGY
SOLUTIONS CENTER**
ASSISTING COUNTRIES WITH CLEAN ENERGY POLICY

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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

- **Arne Schweinfurth**,
Principal Advisor for
Renewable Energy
Support Programme for
ASEAN (ASEAN RESP)
Thachatat Kuvarakul,
Advisor for Renewable
Energy Support
Programme for ASEAN
(ASEAN RESP)

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Question and
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Session

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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.



Australia



Denmark



India



Indonesia



Italy



Japan



Mexico



South Africa



Sweden



United Arab Emirates



United States

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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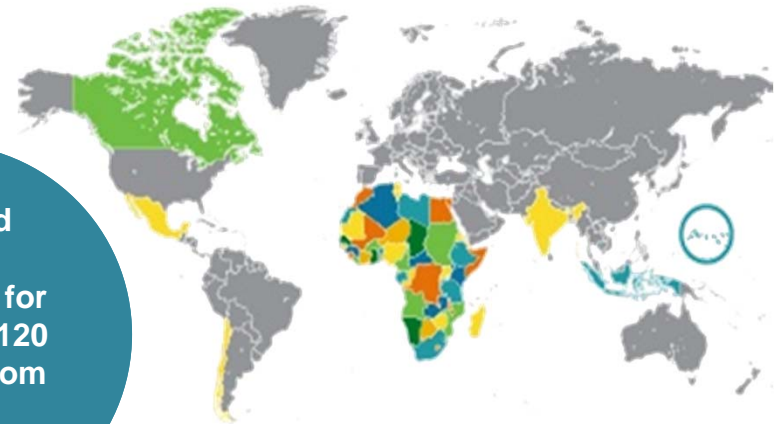


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:

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



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Please contact me directly to find out if the Ask-an-Expert program can benefit your work:

Sean.Esterly@nrel.gov

303-384-7436

Arne Schweinfurth, Principal Advisor for Renewable Energy Support Programme for ASEAN (ASEAN RESP), GIZ GmbH - Indonesia

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Arne Schweinfurth studied Economics in Cologne (Germany), Madrid (Spain) and Montreal (Canada) with a focus on Energy Economics and Environmental Politics. As a consultant for The World Bank, the *Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)* GmbH and other international organizations, he worked on renewable energy, especially photovoltaic, renewable energy financing and energy subsidies. Since 2010, Arne has been Advisor for renewable energy at the *Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)* GmbH in Jakarta, Indonesia. Since July 2013, he has been Principal Advisor for the Renewable Energy Support Programme for ASEAN, a regional project that supports the development of the renewable energy sector in the 10 ASEAN member states. The project supports the regional transfer of knowledge and experiences, advises on feasible policy framework conditions for renewable energies and rural electrification, and provides capacity building and development. In addition, Mr. Schweinfurth was responsible for the implementation of the Project Development Programme Southeast Asia in Indonesia with a focus on private sector cooperation in the bio energy and solar power sector.

Thachatat Kuvarakul, Advisor for Renewable Energy Support Programme for ASEAN (ASEAN RESP), GIZ GmbH - Indonesia

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Thachatat Kuvarakul studied mechanical engineering in Chulalongkorn University Thailand, and studied on energy system in Fachhochschule Aachen Germany, with focus on renewable energy and energy efficiency in the industrial sector. He joined Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in 2013. He is a renewable energy advisor in the Renewable Energy Support Programme for ASEAN (ASEAN-RESP) based in Jakarta. Mr. Kuvarakul has been working closely with counterparts in the region to develop ASEAN Renewable Energy Guidelines, focusing on permit/licensing procedures. He is also working with international consultants to develop a technical standard for variable renewable energy grid integration for the ASEAN region.

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

Questions



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 - Sean.Esterly@nrel.gov or 303-384-7436