Webinar:

Tools and Resources for Scaling-up Mini-/Micro-Grids in Tanzania

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www.unfoundation.org
www.energyaccess.org
THE CHALLENGE

Energy is essential to development. Yet over 1.1 billion people around the world have no access to electricity and the many benefits it brings – improving health, generating income, enabling education, enhancing security and empowering women. A billion more people have electricity only some of the time. Without it, they are forced to rely on dirty, dangerous fuels that are harmful to their health and hinder their opportunities for social and economic advancement.

Photo Credit: SELCO
ENERGY ACCESS PRACTITIONER NETWORK

To help meet the energy access challenge, in 2011 the United Nations Foundation launched the Energy Access Practitioner Network. The Practitioner Network is the largest global network of small, medium, and large clean energy enterprises, joined up with participants from civil society, government and academia, to deliver modern energy services, particularly decentralized solutions for rural electrification.

The Network’s mission is to contribute to the Sustainable Development Goal of universal energy access by 2030 by:

- Promoting innovation in policy, technology, business and financing
- Amplifying the voice of practitioners in high-level decision-making
- Facilitating increased funding and financing of decentralized energy solutions.

TECHNOLOGY FOCUS

- Solar PV
- Energy Efficiency Development
- Other
- Wind
- Biofuels
- Hydro
- Minigrids
- Geothermal
- Energy Storage

MEMBERS

<table>
<thead>
<tr>
<th>Year</th>
<th>Members</th>
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<tbody>
<tr>
<td>2011</td>
<td>20</td>
</tr>
<tr>
<td>2012</td>
<td>350</td>
</tr>
<tr>
<td>2013</td>
<td>900</td>
</tr>
<tr>
<td>2014</td>
<td>1800</td>
</tr>
<tr>
<td>2015</td>
<td>2300</td>
</tr>
<tr>
<td>2016</td>
<td>2500</td>
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Number of Members

SHARING KNOWLEDGE

BUILDING PARTNERSHIPS

CATALYZING ACTION
This webinar will highlight new tools and resources available to mini-grid developers in Tanzania.

225 EAPN members report operating in Tanzania, with 21 based in-country.

This webinar will be the fifth in the UN Foundation’s country-focused webinar series to delve into the state of energy access across the globe.

This webinar is also a contribution to the Clean Energy Mini-Grids Partnership, of which UN Foundation is a Steering Committee member & co-Secretariat.

Please follow live Tweets via @energyaccessPN using #PNwebinar!
State of Play for Energy Access in sub-Saharan Africa

<table>
<thead>
<tr>
<th>ELECTRIFICATION</th>
<th>LARGE GAP COUNTRIES</th>
<th>ENSURE UNIVERSAL ACCESS TO MODERN ENERGY SERVICES</th>
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The twenty countries with the lowest electrification rates, 2012 (\% population with access to electricity)

Heat map courtesy of SEforALL
State of Play for Energy Access in sub-Saharan Africa

How many people are with access to electricity and how does this vary between rural and urban populations?

Heat map courtesy of SEforALL
## Tanzania

### Overall Score
- **Energy Access**: 75
- **Energy Efficiency**: 28
- **Renewable Energy**: 59

### Energy Access
1. Existence and monitoring of officially approved electrification plan: 100
2. Scope of officially approved electrification plan: 50
3. Framework for grid electrification: 100
4. Framework for minigrids: 96
5. Framework for stand-alone systems: 73
6. Consumer affordability of electricity: 100

### Energy Efficiency
- Utility Transparency and Monitoring: 83
- Utility Creditworthiness: 0

### Renewable Energy

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<tr>
<th>Region</th>
<th>Sub-Saharan Africa</th>
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<tr>
<td>Income Group</td>
<td>Low income</td>
</tr>
<tr>
<td>GNI Per Capita ($US)</td>
<td>910</td>
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<tr>
<td>Population</td>
<td>53,470,420</td>
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<tr>
<td>Major Business City</td>
<td>Dar es Salaam</td>
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To join the Practitioner Network: Visit our website to fill out our membership registration form.
For questions: Please contact us by email at: info@energyaccess.org

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