East Africa Catalogue of Local Climate & Sustainable Energy Solutions

UN Climate Dialogue 2020 Side Event
November 26, 2020

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INFORSE- East Africa

UNFCCC: https://unfccc.int/cd2020/specialevents
About TaTEDO

- TaTEDO is a NGO founded in 1990, a Centre for Sustainable Energy Services in Tanzania committed to facilitating access to sustainable energy services for all with special focus to poor and unrepresented groups.

- The organisation has unique experience in promoting low-carbon solutions such as renewable energy and energy efficiency interventions, mitigation and adaptation projects and programmes.

- TaTEDO is a regional coordinator of the International Network for Sustainable Energy (INFORSE) since 2014 and the national focal point playing a leading role in regional and national INFORSE activities.
East Africa Catalogue for Local Climate & Sustainable Energy Solutions

- Local solutions are more accessible and site specific.
- Partners of EA Civil Society for Sustainable Energy and Climate Actions (EASE-CA) project have good track-records on development and promotion of practical climate local solutions that solve energy, water, food insecurity for local communities.
- EASE-CA Catalogue presents local solutions which are popular in EA used by at least more than 1000 people.
- Catalogue available online, off-line version (used on computer or mobile phone without internet access) and in print.
- Catalogue provide details on soci-economic benefits of the technology, costs for acquiring, lifespan, challenges and limitations, motivation for success, contribution to climate effect, financing & business models and short video on construction and use.
Local Sustainable Solutions – East Africa

Find here local solutions for better energy use, water, tree planting, and others.

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<td>Light, Electricity</td>
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UN CD2020 Side Event: November 26, 2020 - INFORSE: Local Climate & Sustainable Energy Solutions in East Africa Catalogue, South Asia Eco-Village Development ToT, 100% Renewables
Local Sustainable Solutions – East Africa

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<td>Improved cookstoves for firewood</td>
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<td>Improved cookstoves for charcoal</td>
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<td>Cookstove Biogas</td>
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<td><img src="image" alt="Rocket stove" /></td>
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<td><img src="image" alt="Jiko Tosha" /></td>
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<td><img src="image" alt="SeTa Improved Institutional Firewood Cook-stoves" /></td>
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Country:

Uganda

Why to choose this solution?

The shielded cook stove saves firewood compared to the ordinary three-stone cook stove and also produces much less smoke. The Shielded Cook Stove makes cooking easier since one does not need to keep blowing fire and monitoring the burning all the time. The Shielded Cook Stove can also be designed in such a way that it uses both charcoal, briquettes and firewood such that it does not limit the fuel sources in the local communities. It is movable whereby one can cook within the kitchen or outside the kitchen and also minimises accidents and burns since it is insulated and organised.

Savings per day or production:
Improved Firewood Stoves

Fixed Institutional firewood stove

Movable institutional firewood stove

Improved fish frying firewood stove

Household firewood stove
Improved charcoal Stoves & Briquettes

Improved Charcoal Stove

Improve charcoal baking ovens

Waste briquettes
Improved charcoal Production Kilns

Improved Basic Earthmound Kiln

Portable metal kiln
Slow cookers, EPCs

Hay Baskets – fireless cooker

Solar cooker

Electric Pressure cookers (EPC)
Solar technology & Services

- Solar PV roof
- Solar powered water pump
- Little sun solar lamp
- Solar mini-grid
- Solar Refrigerator

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**Biogas**

- **Blue flame biogas digester**
- **Fixed dome biogas digester**
- **Flex biogas**
- **Takamoto Baloon biogas**
Kitchen Garden & Solar Drier
Thank You

More information:

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