

East Africa Catalogue of Local Climate & Sustainable Energy Solutions

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INFORSE- East Africa



Proceedings: <https://www.inforse.org/cd2020.php3>

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.

Cooking

Cooking fuels

Light, Electricity

Water

Growing food, oils

Transport

Solar heat & others

Local Sustainable Solutions – East Africa

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Cooking

Improved cookstoves for firewood

Improved cookstoves for charcoal

Cookstove Biogas

Solar cookers, hay boxes, e-cookers



Rocket stove by Caritas department(Catholic Church in Kenya)Kitui

Kenya



Upesi stove

Kenya



Jiko Tosha

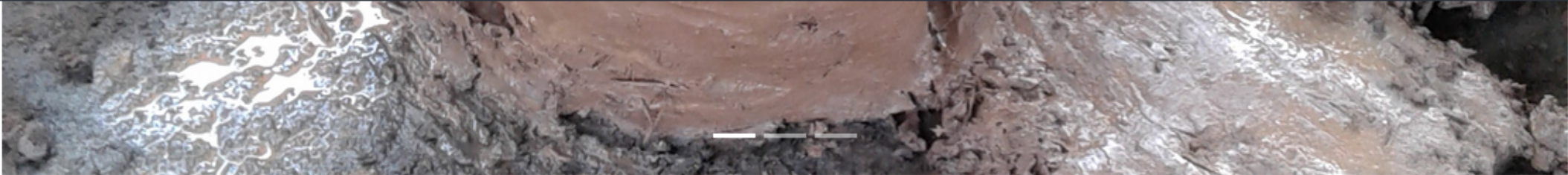
Kenya



SeTa Improved Institutional Firewood Cook-stoves (SeTA-IIFC)

Tanzania





[Home](#) / [View case](#)

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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



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 mini-grid



Solar powered water pump



Little sun solar lamp



Solar Refrigerator

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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