



United Nations



HIGH-LEVEL DIALOGUE ON
ENERGY

UNITED NATIONS, NEW YORK, SEPTEMBER 2021



**UN High Level Dialogue on Energy 2021 - Ministerial Thematic Forums - VIRTUAL
INFORSE Side Event: Local Solutions, Eco-Village Development,
100% Renewables, E-2/3 wheelers; South Asia & East Africa
June 22, 2021 6 AM - 7 AM, (New York time)**

East Africa Catalogue of Local Climate & Sustainable Energy Solutions

By

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Catalogue of Local Sustainable Solutions - East Africa

60 ONLINE CASES



With support from



www.localsolutions.inforse.org

INFORSE

East AFRICA

Collected and made by Partners of East Africa Civil Society for Sustainable Energy and Climate Actions (EASE-CA) Project.

INFORSE-East Africa:
Tanzania: TaTEDO Uganda: JEEP, UCSD
Kenya SusWatch members of International Network for Sustainable Energy (INFORSE) with support from CISU, Denmark.

Partners have good track-records on development and promotion of practical climate local solutions that solve energy, water, food insecurity for local communities..



UN ENERGY 2021 High Level Dialogue on Energy: INFORSE Side Event: June 22, 2021
Local Solutions, Eco-Village Development, 100% Renewables, E-2/3 Wheelers; South Asia & East Africa



CATALOGUE: East Africa Catalogue for Local Climate & Sustainable Energy Solutions

CATALOGUE: LOCAL SUSTAINABLE SOLUTIONS IN EAST AFRICA



WWW.LOCALSOLUTIONS.INFORSE.ORG

- Local solutions are more accessible and site specific.
- Solutions, which are popular in East Africa used by at least more than 1000 people.


CATALOGUE: East Africa Catalogue for Local Climate & Sustainable Energy Solutions





- Catalogue available online, off-line version (used on computer or mobile phone without internet access) and in print.
- 7 Main Categories, 23 sub categories 3 countries (Kenya, Uganda, Tanzania)


 Cooking
 Cooking fuels
 Light, Electricity
 Water
 Growing food, oils
 Transport
 Solar heat & others
By Country


 Cooking
Improved cookstoves for firewood
Improved cookstoves for charcoal
Cookstove Biogas
Solar cookers, hay boxes, e-cookers

 Cooking fuels
Charcoal making
Brickets of charcoal, sawdust and other
Fuelwood planting

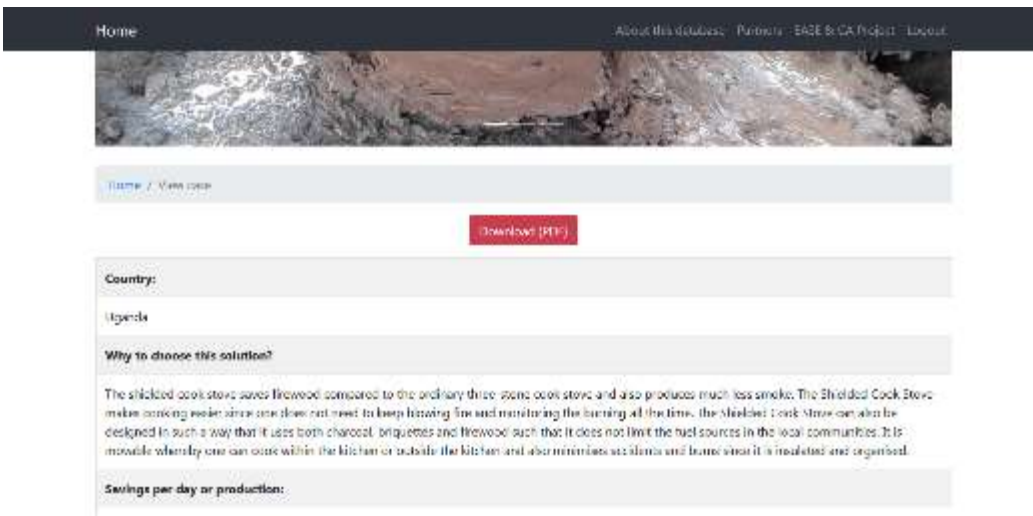
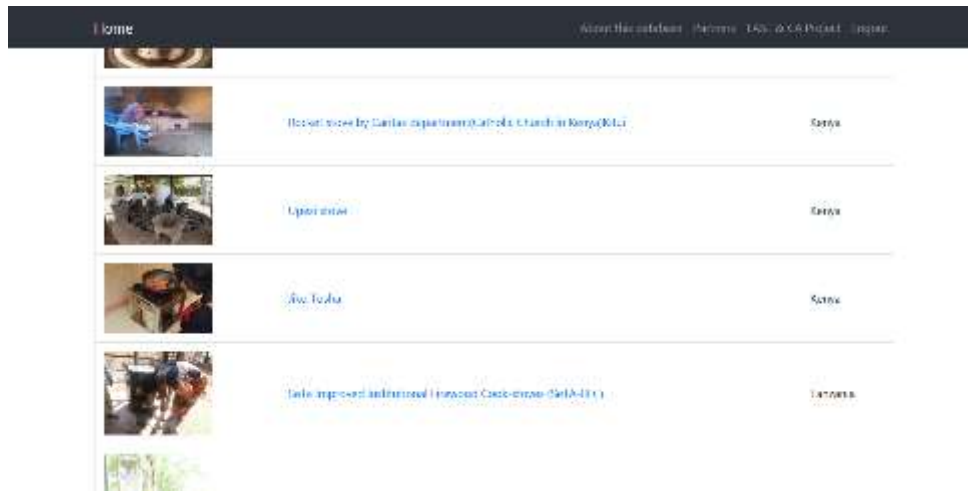
 Light, Electricity
Light solar lanterns
Solar home system
Renewable energy minigrids and m

 Water
Rain-water harvesting and use
Improved wells
Water savings

 Growing food, oils
Kitchen gardening
Organic vegetables for market
Agro-forestry, & products from trees

 Transport
Bicycles

 Solar heat & others
Solar drying
Solar water heating



Catalogue of Local Sustainable Solutions in East Africa www.localsolutions.inforse.org

Catalogue provides details on

- Why to choose the solution
- Benefits
- Costs
- Lifetime
- Maintenance needs
- Barriers, Limitations
- Why is it successful
- Contribution to climate effect
- Financing & business models
- Link to short video on construction and use, pictures
- More Info & Sources

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



Direct Solar Water Heater



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



Transport-Bicycles



Thank You

More information:



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www.inforse.org/africa/EASE.htm



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<http://localsolutions.inforse.org/>



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