



UNFCCC SB58, SIDE EVENT: 8/6 2023 16:45-18.00

Room: Kaminzimmer, Bonn, Germany



Nordic Folkecenter
for Renewable Energy

100 % Renewables, Local Climate Solutions in East Africa, South Asia

Welcome by organisers: SusWatch Kenya, INSEDA, Nordic Folkecenter for Renewable Energy (NFRE). Moderator: Judit Szoleczky, INFORSE

Global Transition to Renewable Energy

Gunnar Boye Olesen, INFORSE, NFRE, SE, Denmark

East Africa:

Promoting Local Solutions as Important Climate and Development Solutions in East Africa – Online Catalogue

Mary Swai, TaTEDO, INFORSE East Africa, Tanzania

Transition of Kenya to 100% Renewable Energy with Focus on Local solutions. Key Messages

Nobert Nyandire, Suswatch Kenya

Transition to 100 % Renewable Energy in Uganda with Local Solutions, Sustainable Biomass

Richard Kimbowa, UCSD Uganda INFORSE East Africa Chair

More: <https://inforse.org/SB58.php>

South Asia

Promoting Local Activities in South Asia Supported by Eco-Village Development Initiatives

Anzoo Sharma, Center for Rural Technology (CRT), Nepal
Successes with Local Climate Solutions in South Asia & their Promotion

Sanjiv Nathan, INFORSE South Asia & INSEDA, India
Database Online, Documenting Successful Local Climate Solutions in South Asia

Abdul Arif, Grameen Shakti, Bangladesh
Local Solutions in the GST, Why and How
Dumindu Herath, IDEA, Sri Lanka

Dialogue, Conclusion

Thanks to





SB58 2023

Thurs., 8 June 2023 - 16.45 - 18.00

Room: Kaminzimmer



Nordic Folkecenter
for Renewable Energy

100% Renewables, Local Climate Solutions in East Africa, South Asia

Local Climate Solutions in East Africa

By Mary Swai, TaTEDO-SESO, Tanzania



Project supported
by
CISU CIVIL SOCIETY IN
DEVELOPMENT



SB58 2023

UNFCCC SB58 Side Event - Bonn, Germany - **100% Renewables, Local Climate Solutions in East Africa, South Asia** 8 JUNE 2023, 16:45-18.00 Room: Kaminzimmer - NFRE - SUSWATCH - INSEDA



- TaTEDO-Sustainable Energy Services Organization is a NGO with more than 30 years of experience committed to facilitating access to sustainable energy services in Tanzania
- Overall objective of TaTEDO-SESO is to improve peoples' livelihoods by increasing their access to sustainable energy services and technologies.
- Technologies promoted by TaTEDO-SESO include renewable energy mini-grids, improved wood-fuel cook stoves, solar PV systems, solar drying technologies, sustainable charcoal value chain, briquettes from carbonized bio-waste, efficient electric cooking appliances (electric pressure cooker), and e-mobility.
- Activities include implementation of sustainable energy projects, dissemination of energy awareness information, lobbying and advocating for supportive energy and climate change policies, supports sustainable energy enterprises, provides energy-related consultancy services, conducts energy-related applied research, and develops networking and partnerships

- **INFORSE East Africa network** is a regional part of the **International Network for Sustainable Energy (INFORSE)**
- TaTEDO-SESO is the Regional Coordinator of INFORSE EA
- Partners involved in implementation of EA Civil Society for Sustainable Energy and Climate Actions (EASE-CA) Project included TaTEDO-SESO, Watch- SusWatch Kenya, Uganda Coalition for Sustainable Development (UCSD), Joint Energy and Environment Project (Uganda), Nordic Folkecenter for Renewable Energy and INFORSE
- EASE-CA project (Jul 2019 – Mar 2023) was supported by CISU, Denmark



Catalogue of Local Sustainable Solutions - East Africa

60 ONLINE CASES



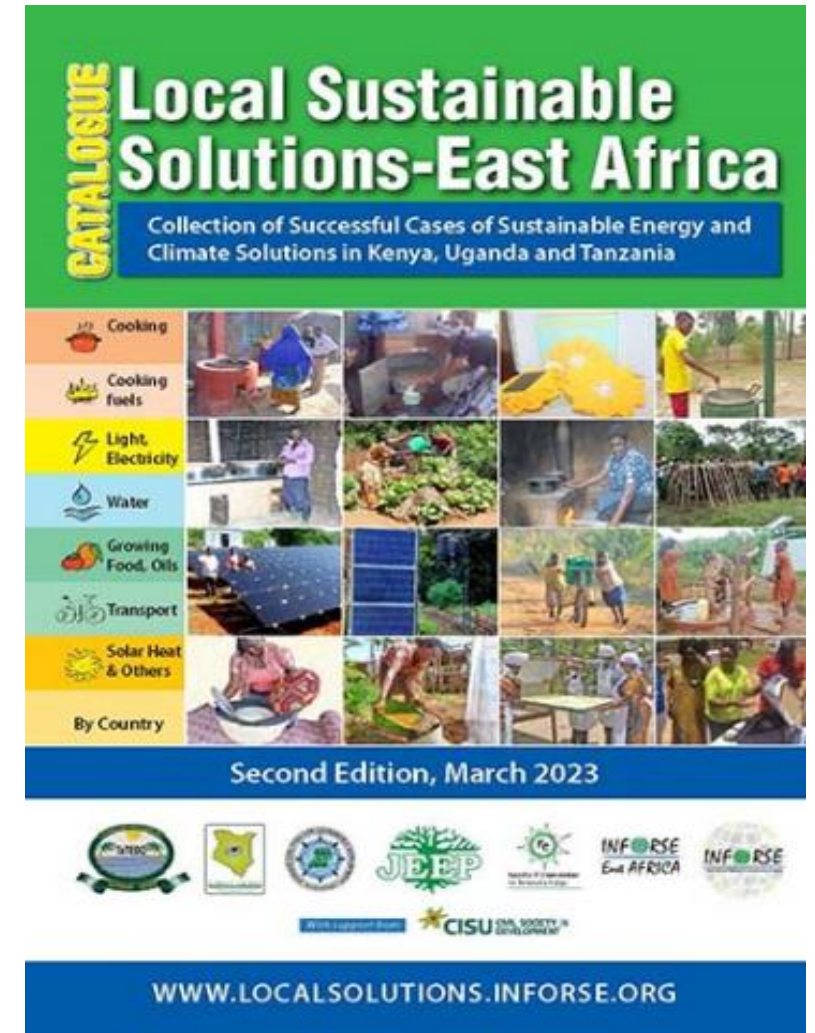
With support from



www.localsolutions.inforse.org

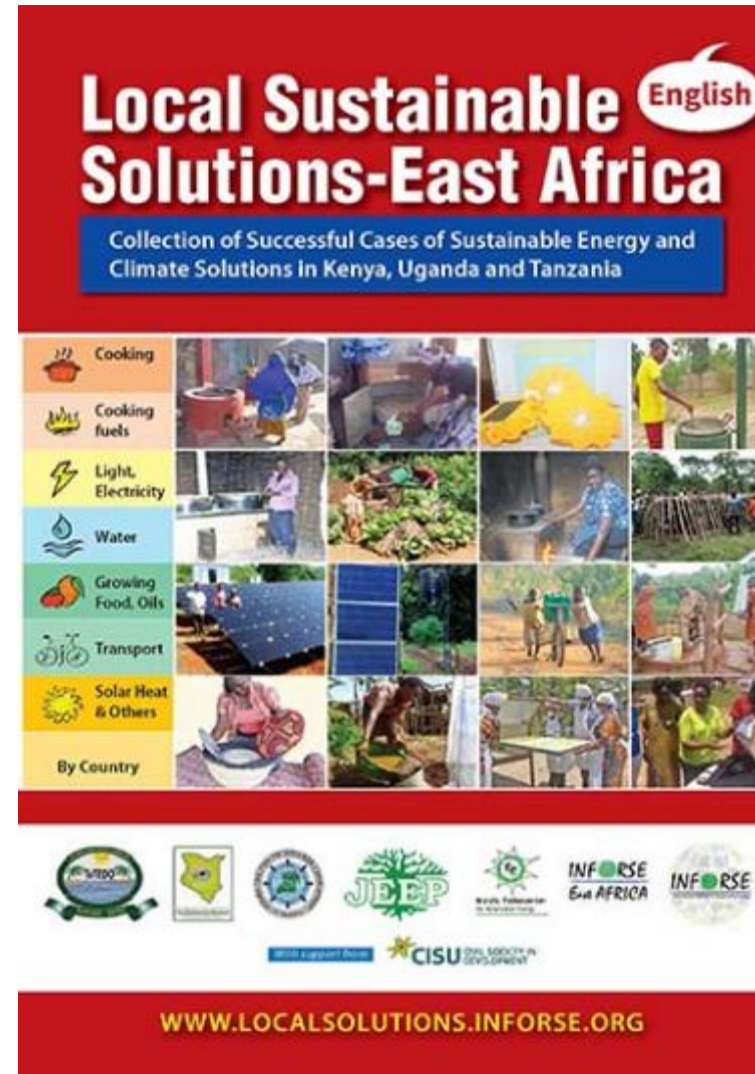
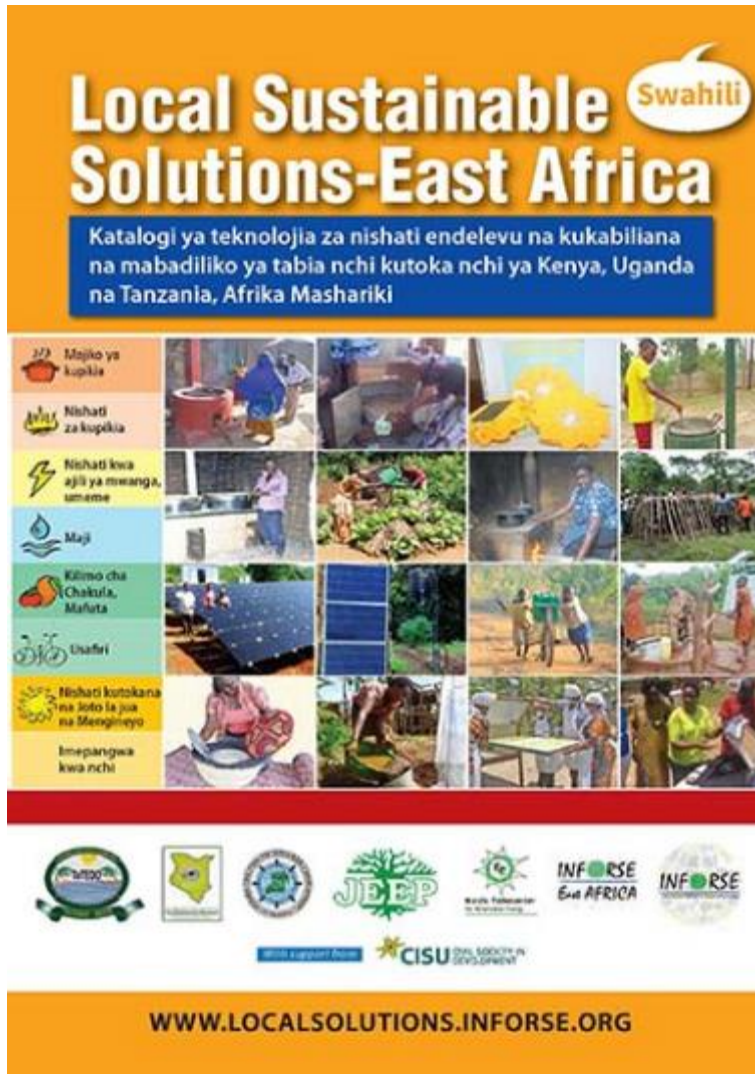
▪ Local Sustainable Solutions East Africa Catalogue is one of the output of the EASE-CA project and is available online offline and in print

▪ Solutions promoted in the catalogue solve energy, water, food insecurity challenges faced by local communities.



https://www.inforse.org/africa/pdfs/Catalogue_LocalSustainableSolutions_EastAfrica_March2023_F.pdf

Brochure of the Catalogue is available in English, Swahili, Luganda, Runyankole and Luo Languages



https://www.inforse.org/africa/pdfs/Brochure_Catalogue_lo_calsolutions.inforse.org_EastAfrica_Swahili-s.pdf


https://www.inforse.org/africa/pdfs/Brochure_Catalogue_lo_calsolutions.inforse.org_EastAfrica_English_s.pdf





- Energy
- Water & Sanitation
- Light & Electricity
- Health
- Food Security & Agriculture
- Waste Management
- Other Products & Services





 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 others
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

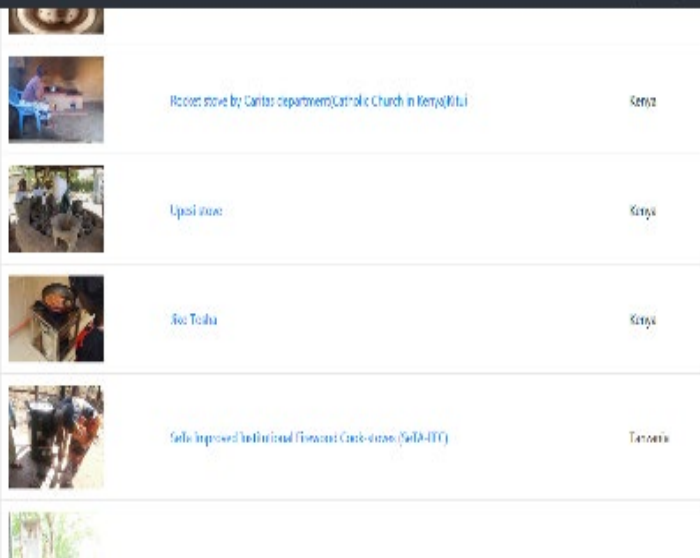
 Transport

Bicycles

 Solar heat & others

Solar drying
Solar water heating




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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:

Catalogue details

- 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
- More Info & Sources



Conclusion & Recommendation

- Local solution has potential for poverty reduction, reduce inequality, improve human health, reduced GHG emissions, and support jobs and economic development.
- Local solution have contribution to energy transition.
- It is important to expand investment in local climate actions for inclusive, enhance resilience, reduced emissions and sustainable development.



More info: www.tatedo.or.tz

Thank You for Listening



Relevant Websites:

EVD Catalogue: www.inforse.org/evd

www.ecovillagedevelopment.net

EASECA Catalogue: www.localsolutions.inforse.org

INFORSE 100% RE in Africa: inforse.org/africa/Vision2050.htm

More: www.inforse.org/SB58.php

