



COP26 2021

5 November 2021
11.30 AM - 12.45 AM (UK time)



**Local Climate Solutions & Eco-Village Development, 100% RE in NDCs,
East Africa, South Asia, Europe**

East Africa Local Climate & Sustainable Energy Solutions Catalogue

**By Mary Swai,
TaTEDO,
Tanzania**





About TaTEDO

- TaTEDO (Centre for Sustainable Energy services) is a NGO with more than 30 years of experience committed to facilitating access to sustainable energy services in Tanzania
- Overall objective of TaTEDO is to improve peoples' livelihoods by increasing their access to sustainable energy services and technologies.
- Some of the technologies promoted by TaTEDO include renewable energy mini-grids, improved wood-fuelled 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.



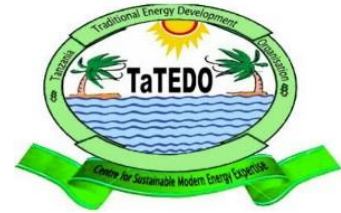
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INFORSE East Africa

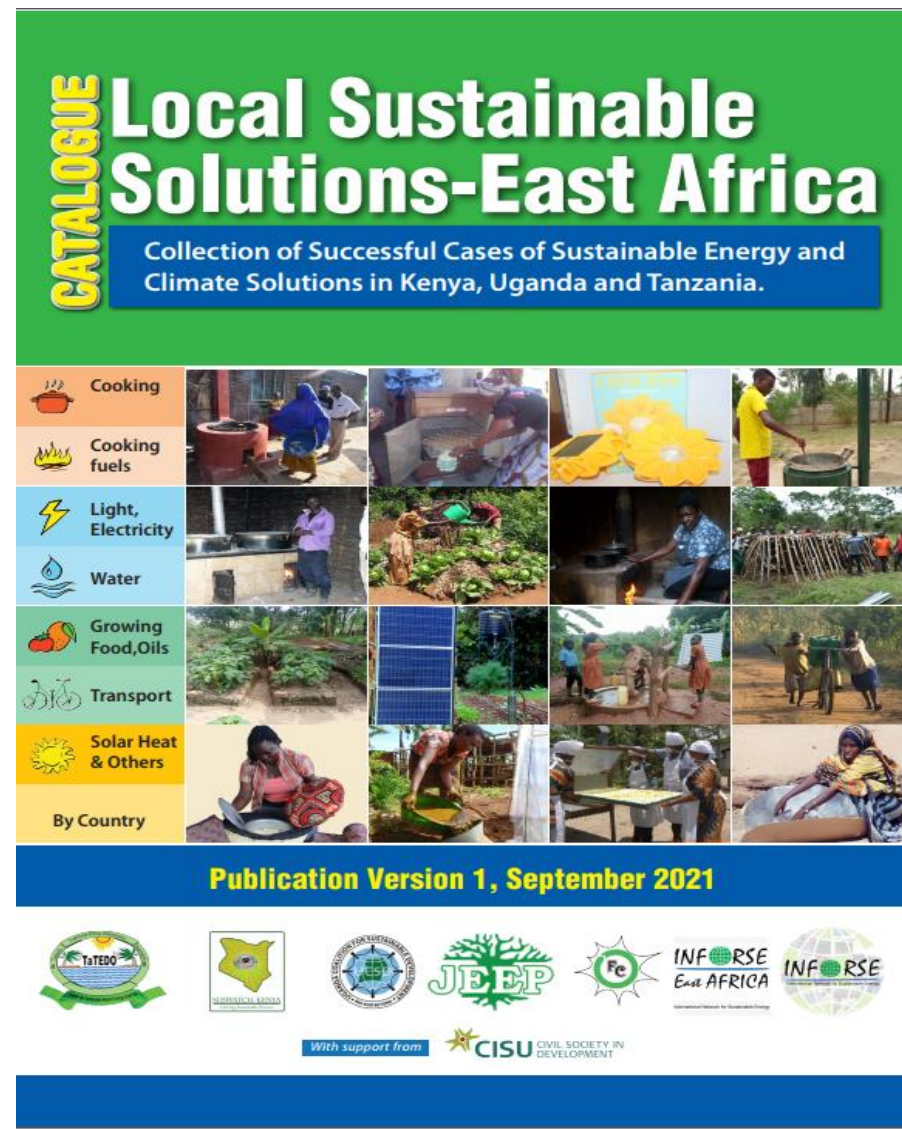
- **INFORSE East Africa network** is a regional part of the **International Network for Sustainable Energy (INFORSE)**
- TaTEDO is the Regional Coordinator of INFORSE-EA.
- The National Coordinators are: Sustainable Environmental Development Watch- SusWatch Kenya, in Tanzania: TaTEDO, and Uganda Coalition for Sustainable Development (UCSD).
- Coordinators are partnering to implement the EA Civil Society for Sustainable Energy and Climate Actions (EASE-CA) Project.



INFORSE East Africa

- Partners have long time experience in developing and promoting practical climate local solutions that solve energy, water, food insecurity challenges for local communities.

- Catalogue is one of the output of the project and is available online, offline and in print out



Catalogue of Local Sustainable Solutions - East Africa

60 ONLINE CASES












www.localsolutions.inforse.org



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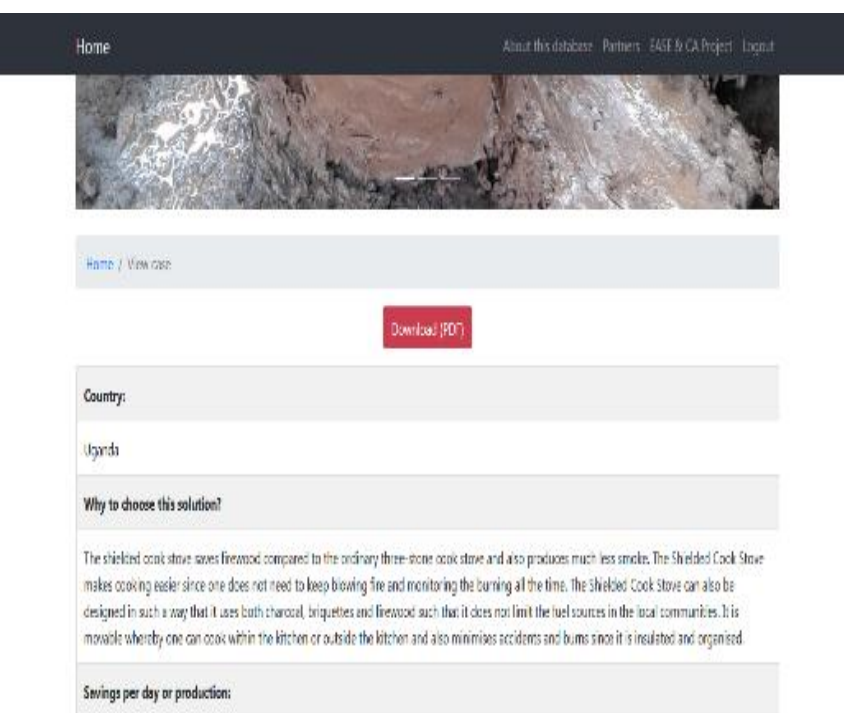
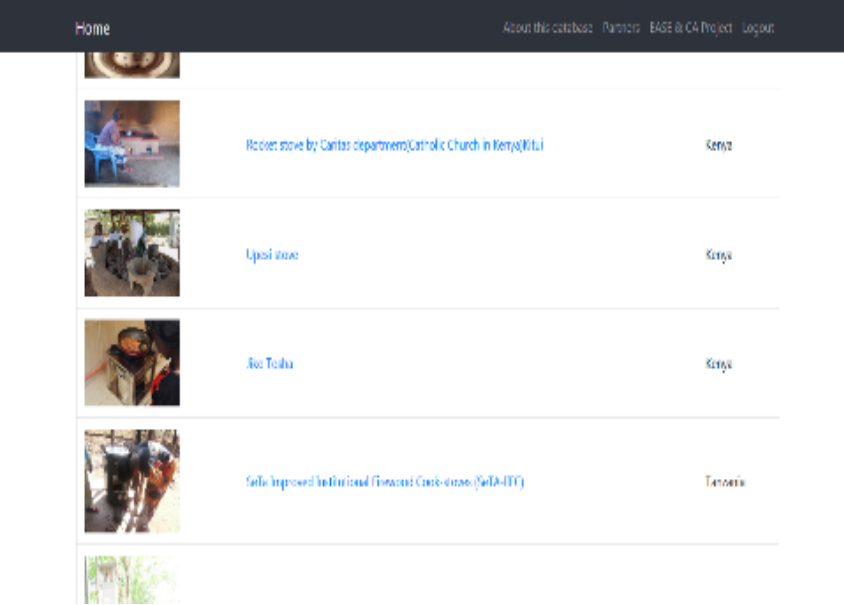
 Cooking
 Cooking fuels
 Light, Electricity
 Water
 Growing food, oils
 Transport
 Solar heat & others
By Country

 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





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, reduced inequality, improved health, reduced GHG emissions, job creation thus can also fuel economic recovery in the aftermath of the pandemic.
- It is important to expand investment in local climate actions for inclusive and sustained recovery, enhance resilience, reduced emissions and sustainable development.



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Thanks you



Proceedings: www.inforse.org/cop26.php3

More info: www.tatedo.or.tz

EASE project: www.inforse.org/africa/EASE.htm

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



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