INFORSE-Europe European Sustainable Energy Seminar, August 17-20, 2021 at the Nordic Folkecenter for Renewable Energy, Denmark

INFORSE at UN Climate & SDGs, North-South Regional Cooperation Projects in East Africa & South Asia

by Judit Szoleczky, INFORSE

Seminar Proceedings: https://www.inforse.org/europe/seminar_2021_INFORSE-Europe_DK.htm
International Network for Sustainable Energy

Network of 150 NGOs worldwide
Established in 1992 to give an international voice to NGOs promoting renewable energy & energy efficiency

- ECOSOC and UNFCCC observer status (COPs)
- North-South regional cooperation, energy access
- Climate, renewable & energy efficiency policies
- Scenarios and proposals for 100% renewables
- NGO Cooporation on Sustainable Energy & Climate Action in East Africa (Catalogue)
- Eco-Village Development in South Asia

Activities driven by the Members !!

www.inforse.org
INFORSE News:

July 13, 2021 (virtual)
INFORSE at UN HLPF2021
July 13, 2020
INFORSE Side Event

INFORSE at UN ENERGY2021 - HLDE
Side Event-Virtual: June 22, 2021
LINK TO SIDE EVENT

December, 2020: Sustainable Energy News Issue No. 84. Download from Issue # 84 and Contents
News: Catalogue in East Africa;
Eco-Village Development in South Asia;
Sufficiency in Europe; CSOs in Ukraine, Belarus

- 11 December, 2020 - Launch of CATA LOGUE:
Local Sustainable Solutions in East Africa
www.localsolutions.inforse.org

INFORSE - East Africa
- 27 November, 2020 - E-Cooking in East Africa
Link: EASE-CA Project:

26 November, 2020
INFORSE at UNFCCC CD2020 Virtual
Local Climate & Sustainable Energy Solutions in East Africa Catalogue, South Asia Eco-Village Development 101, 100% Renewables
More: INFORSE Side Event
INFORSE Side Event: Local Climate Solutions for a Sustainable & Resilient Recovery from COVID-19 Pandemic in East Africa, & South Asia; Women’s Role; 100% Renewables as Driver for Climate Mitigation from Denmark to Kenya, Globally.
We are Looking forward to cooperation & action together to Combat Climate Change to meet the SDGs through renewable energy with focus on Local Solutions, Gender Equality, End Poverty - towards phasing out fossil fuels and nuclear
INFORSE – International Network for Sustainable Energy at UNFCCC COP Conferences work together with INFORSE regions in East Africa, South Asia, Europe and Environmental NGOs Constituency, Women & Gender Constituency.

Pictures from meeting: WGC, GenderCC, INFORSE members: Solar Cookers International, AIWC, WECF, SusWatch Kenya, CRT Nepal, TaTEDO, anti nuclear movement.
INFORSE at UNFCCC COP19, 2013

INFORSE at UNFCCC COPs: https://www.inforse.org/INFORSE-UN.php3
Sustainable Energy News: https://www.inforse.org/s_e_news.php3
Climate mitigation, adaptation, livelihood, end poverty, participatory planning with focus on women participation, self help groups, income generation.

Manual in English
Hindi
Bangla
Nepali
Sinhala

White Paper on Calculating CO2 Reduction
100% Renewables Scenario/Plan in Kenya, Uganda

Energy demand, Potential Recommendations for Renewables in Kenya

- Efficient Cooking
- Change transport gradually to electricity, hydrogen and renewable fuels
- Make charcoal production much more efficient, from <15% today to 33%
- Expand windpower to 9,000 MW
- Expand solar power to 17,000 MW
- Expand geothermal power to 5,600 MW
- Expand electric interconnectors to 3,000 MW capacity
- Biomass power plants to balance demand and supply
- Our analysis shows that the 100% renewable alternative is cheaper than nuclear power and also the fossil fuel alternative with coal power.

https://www.inforse.org/africa/EASE.htm
www.suswatchkenya.org/100-renewable-energy-plan-for-kenya-by-2050/
Catalogue of Local Sustainable Solutions - East Africa

60 ONLINE CASES

Collected 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

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

www.localsolutions.inforse.org

EASECA Project: https://www.inforse.org/africa/EASE.htm
Catalogue available online, off-line version, and print

- 7 Main Categories,
- 23 sub categories
- 3 countries (Kenya, Uganda, Tanzania)

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

Local Sustainable Solutions – East Africa

Find those local solutions for better energy use, water, food, planting, and others.

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

By Country

www.localsolutions.inforse.org
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
- More Info & Sources

www.localsolutions.inforse.org
Improved Firewood Stoves

- Fixed Institutional firewood stove
- Movable institutional firewood stove
- Improved fish frying firewood stove
- Household firewood stove

http://localsolutions.inforse.org/pages/Improved-cookstoves-for-firewood.php
www.localsolutions.inforse.org
Improved Charcoal Stoves & Briquettes

Improved Charcoal Stove

 Improve charcoal baking ovens

Waste briquettes

http://localsolutions.inforse.org/pages/Improved-cookstoves-for-charcoal.php

www.localsolutions.inforse.org
Improved Charcoal Production Kilns

Improved Basic Earthmound Kiln

Portable metal kiln

http://localsolutions.inforse.org/pages/Charcoal-making.php

www.localsolutions.inforse.org
Slow Cookers, Electric Pressure Cooker

Hay Baskets – fireless cooker

Solar cooker

Efficient Electric Pressure cookers (EPCs)


www.localsolutions.inforse.org
Solar Electricity & Services

Solar PV roof

Solar mini-grid

Solar powered water pump

Little sun solar lamp

Solar Powered Refrigerator

http://localsolutions.inforse.org/pages/Light-solar-lanterns.php
http://localsolutions.inforse.org/pages/Solar-home-system.php

www.localsolutions.inforse.org
Biogas

Blue flame biogas digester

Fixed dome biogas digester

Flex biogas

Takamoto Baloon biogas

http://localsolutions.inforse.org/pages/Cookstove-Biogas.php

www.localsolutions.inforse.org
Home Garden & Solar Drier

Key-hole home garden
Sparky drier
Kawanda solar drier

Kitchen garden
Bag garden
Semi-industrial solar drier

http://localsolutions.inforse.org/pages/Kitchen-gardening.php

www.localsolutions.inforse.org
Conclusion & Recommendation

- **Local climate and sustainable energy** solutions are **essential** to help countries respond and recover from Covid-19 pandemic crisis.

- As it has potential to **poverty reduction, reduced inequality, improved health, reduced GHG emissions, job creation, income generation, empower women, achieve SDGs**.

- It is important to **expand investment and support schemes, and supportive legislation**.
East Africa Sustainable Local Solutions
CATALOGUE:
http://localsolutions.inforse.org/