

**COP23 // SIDE EVENT:  
INFORSE - SUSWATCH - INSEDA**

**Proposing stronger NDCs, LEDS & Paris Rulebook for  
poverty reduction and local village development**

*Thurs., 9 Nov, 16:45-18:15, Room 4, Bonn Zone*



PROMOTE  
LOCAL CLIMATE  
SOLUTIONS  
TO END  
POVERTY



**South Asia:**

- **Zareen Myles, WAFD, India:** Introducing Eco Village Development (EVD) as a climate and development strategy, showcasing EVD in India
- **Shovana Maharjan, CRT/Nepal:** Linking EVD with National Climate and Sustainable Development Commitment of Nepal
- **Dumindu Herath, IDEA, Sri Lanka:** Sustainable Eco Village Development in Sri Lanka: integrating EVD in national climate policies
- **Mohammad M. Hasan, Grameen Shakti, Bangladesh:** EVD in South Asia: Opportunities for empowering villagers within Nationally Determined Contributions (NDCs) mapping
- **Gunnar Boye Olesen, INFORSE Secretariat:** Climate mitigation effects of EVD solutions
- **Santosh Patnaik, CAN-South Asia:** How to finance local climate solutions in South Asia and the roles of climate finance
- **Jeebanjyoti Mohanty, Kavita Myles, INSEDA, India:** Proposals for guidance in the Paris Rulebook to enhance diversification of clean energy access and scale up local EVD solutions

**East Africa:**

- **Velma Oseko, Suswatch Kenya:** Local solutions in practice as climate solutions: reducing deforestation and supporting development and poverty reduction
- **Mary Swai, TATEDO, Tanzania:** Robust NDCs and Low Emission Development Strategies (LEDS) to incorporate local low emission solutions for rural livelihood improvement and poverty reduction
- **Richard Kimbowa, Uganda Coalition for Sustainable Development:** Proposals to make the Paris Rulebook support local climate solutions that reduce poverty, in NDCs and beyond
- **Stephen Kinguyu, Climate Change Direct., Ministry of Environment of Kenya:** How can developing countries and the climate benefit from stronger NDCs and LEDs

**Discussion: *How can we promote local solutions that mitigate climate change, support sustainable development, and reduce poverty using the guidance of the upcoming Paris Rulebook?***

<http://inforse.org/cop23.php3>



# Robust NDCs and LEDS to incorporate local low emission solutions for rural livelihood improvement and poverty reduction

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## TaTEDO in brief

- TaTEDO – NGO with objective to facilitate Improvement of quality of life of Tanzanians by contributing to availability of improved and sustainable energy services
- Promoted energy technologies include solar PV systems, solar water heaters, solar drier and improved cook stoves, biogas, improved charcoal production methods, briquettes, mini-grids (solar, biomass, hydro, wind based)



## Potential of Local low emission energy solutions:

- Reduce poverty and improve the socio-economic.
- Reduce pressure on the local and global environment.
- Cost effective (extension of national grid to isolated rural is capital intensive).
- Enhance national energy security.



Objective: address problems related to inability to access energy which hinders most of health, education institutions and business enterprises from delivering quality social services.



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- There was additional 4 hours for studying and teaching during the night for students and teachers in schools.
- Possible to use laboratory equipment such as microscope



## Improved Cook stove

- In boarding school firewood use declined from 4000kg to 1,600kg (saving 2,400kg or 2.4 t/week)
- Total of 4,257t or 4,257,000kg (60%) of firewood saved annually.
- Reduced fuel wood, IAP, improved kitchen environment



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## Business centers powered by Solar PV

Potential for income generation - on average per day 20 phones are charged @ 300Tsh



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## Mini-Grid Development in Off- Grid Areas

Providing services to the community including electricity for lighting, water pumping, oil press, cereal milling, de-husking, battery charging, etc.



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## Conclusion

- Local energy solutions has effect on Local Industries and Other Productive Activities
    - extended working hours for businesses
    - Facilitated agro-processing activities
    - Facilitated access to mobile phones, radios, TV, and the Internet.
  - Effect on Social and Public Services
    - Retention rates of medical staff and teachers in villages rose
    - better health services helped reduce child and maternal mortality and disease.
    - improvements in literacy rates, performance on national examinations
- If NDCs & LEDS are set to mitigate CC, build climate resilience, enhance SD and reduce poverty in developing countries the popular support for climate actions will increase.

