

Solar electrifications for the rural poor in Ethiopia

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Being closer to the equator (8°00 N latitude and 38°00 E longitude) Ethiopia is endowed with sufficient solar radiation. Nevertheless, I have seen when ladies give birth and a child in heals the fumes from kerosene lamb, student suffer with limited study time due to lack of lighting and above all tremendous deforestation for cooking. Lack of electricity prevents the establishment of min-clinics and micro-business firms that have major impact on the well being and economic growth of the community. Ended this is merely unsustainable. Being part of this society and having a study related to energy and resources, my earnest desire is to be part of the solution and bridge the gap between the abundant solar radiation and inability of the society to use it. Change should start within the community hence I want to establish community base organization, work closely with local research institutions and regional offices of international organizations. Currently solar electrification is among the chosen renewable energy resource but relatively with higher set up cost. For the facilitation of the innovation process and gain a matured technology penetrating the market, global knowledge sharing is quite essential. My Focus area of work would be Sustainable Off-Grid Rural Electrification and the aim of poster presentation is to gain experience from experts of all over the world and promote rural electrification.

Biography

Gudise Tesema Taa has completed her BSc in Industrial Engineering from Mekelle University /Ethiopia/ and currently she is first year Msc student of sustainable Development program me in Energy and Resources track at Utrecht University.

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