



# Peter BenHur Nyeko

CEO

Mandulis Energy

<http://www.MandulisEnergy.com>

## Bilateral Meetings

- 02.30 pm - 04.00 pm
- 04.30 pm - 06.00 pm

### Description

Mandulis Energy develops grid and off-grid renewable energy projects in Africa, to provide, clean, affordable, and productive energy. Started in Uganda, where our pilot is operational, and we are developing: Off-grid 8MW (16 x 500kW): IoT-enabled biomass powered micro-grid, to distribute sustainable and renewable energy generated by gasification of agricultural waste.

Organization Type

Other

Organization Size

Africa

Areas of Activities

### Sustainability

### Bioenergy

### Hybrid

### Rural Electrification

### Energy

### Request

## Mandulis Energy : Renewable Energy Powering Agriculture & Rural Livelihoods Enhancement

Convertible Debt or Equity Investment into Mandulis Energy or into the project SPV:

**Off-grid 8MW (16 x 500kW): IoT-enabled biomass powered micro-grid, to distribute sustainable and renewable energy generated by gasification of agricultural waste.**

**In collaboration with GIZ GmbH, we are developing a biomass gasification prototype for rural electrification that can deliver 8MW (0.5MW x 16 sites) of productive and affordable energy to 15,000 farmers as well as rural industries/businesses (grain millers, oil pressers, telecoms towers, welders, internet cafes etc.) in off-grid farming communities in Uganda.**

**A scalable, integrated solution to energy security, food security, climate resilience and poverty alleviation, that can be replicated across the developing world in countries with similar fundamentals.**

**The total project investment across 16 off-grid renewable energy hubs is US \$32 Million or \$2M per hub.**