

# ETHIOPIA

ADDIS ABEBA

## ACCESS TO SUSTAINABLE ENERGY FOR SOCIAL INSTITUTIONS

### PROJECT

**Energy Solutions for Displacement Settings (SUN-ESDS)** is a component of the Global Programme **Support to UN-HCR in facilitating the operationalisation of the Global Compact on Refugees in the Humanitarian-Development-Peace Nexus (SUN)**, which is commissioned by the **German Federal Ministry for Economic Cooperation and**

**Development (BMZ)** and implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). SUN-ESDS in Ethiopia has installed solar photovoltaic (PV) systems in three health centres and supported the connection to a power grid in one health centre.

#### 1 Solarisation of Nguenyiel Refugee Camp Health Centre

Solar PV system with capacity of **10kWp**



All medical equipment (laboratories, refrigerators, drugs, laboratory reagents and oxygen concentrator) are functional.

It provides 24/7 health service to over **110,000 refugees.**



The solar PV replaces the diesel generator which consumes 300 litre of fuel per week (300 \*86= 25,800 ETB per week or 1,341600 ETB).

#### 2 Solarisation of Bazzel Health Centre in the Gambela Region Host Community

Solar PV system with capacity of **5kWp**



All medical equipment (laboratories, refrigerators, drugs, laboratory reagents) are functional.

It provides 24/7 health service to over **21,978 community members.**



Referral cases to Gambela general hospital is reduced.

3

### Solarisation of Pinyudo 2 Refugee Camp Health Centre

Solar PV system with capacity of **5kWp**



All medical equipment (laboratories, refrigerators, drugs, laboratory reagents and oxygen concentrator) are functional.

It provides 24/7 health service to over **11,385 refugees.**



4

### Electrification of Iliya Health Centre in the Gambela Region Host Community

Installation of electrical system, which is **connected to a power grid.**



It provides 24/7 health service to over **9,582 host community members.**

Referral cases to Gambela general hospital are decreased.



In addition, SUN-ESDS Ethiopia installed a ...

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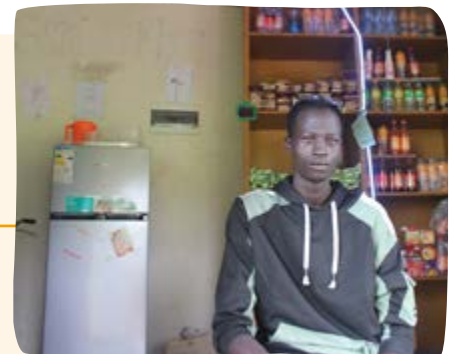
### Multi-Purpose Energy Kiosk in Nguenyiyiel Refugee Camp

Solar PV system with capacity of **3kWp**



The energy kiosk has four functional units: Cafeteria, Charger shop, Barber and Entertainment centre

The energy kiosk benefits 04 operators and one women self-help group who have **30 members.**



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