

ENABLE

EMPOWER



**SOLAR  
KIOSK**



Kenya, 2 kWp

# SOLARKIOSK

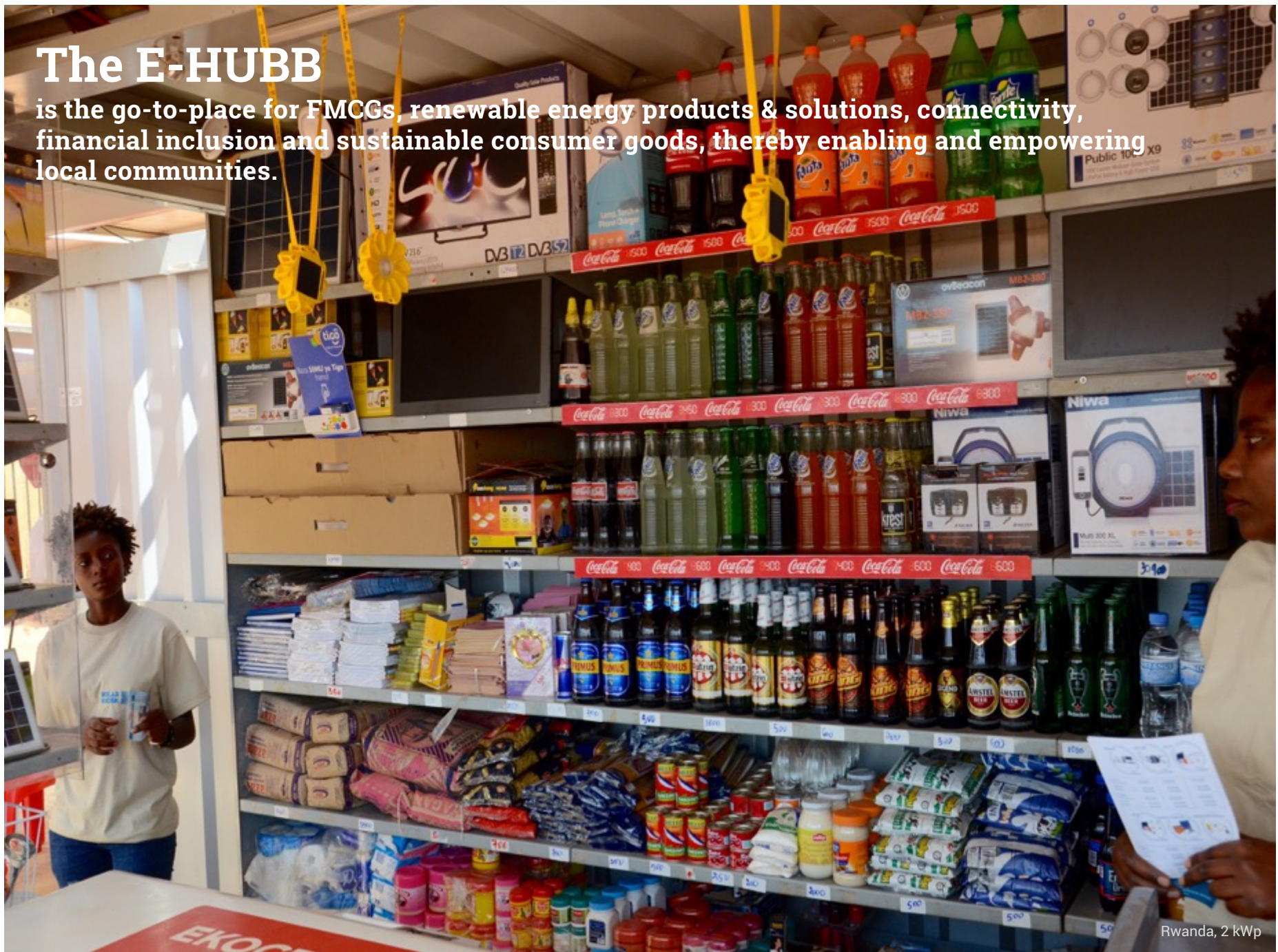
is the fastest growing last mile distribution company in East Africa.

Founded in renewable energy access, SOLARKIOSK's E-HUBB has become the route to market for consumer goods, renewable energy products, energy services and connectivity enabling and empowering local communities in Kenya, Rwanda, Tanzania and Ethiopia.



# The E-HUBB

is the go-to-place for FMCGs, renewable energy products & solutions, connectivity, financial inclusion and sustainable consumer goods, thereby enabling and empowering local communities.



# The Connect Solar Market Center

becomes the destination for commercial and social activity.

Powered by the modular capability of the E-HUBB, SOLARKIOSK enhances the potential of the community by providing energy access and architecture to other businesses and service partners.



# SOLARKIOSK *Solutions*

provides private companies, corporations, NGOs and governmental organizations with solar powered architecture.

The E-HUBB can be used as a energy autonomous retail point or adapted for health, education, banking, peace keeping and a variety of other purposes.



# The E-HUBB

Solar Architecture from German Design.



0.5 – 8 kWp solar panels

Battery system for 24/7 power supply

Remote monitoring



Wifi Hotspot antenna

Phone, tablet, computer charging

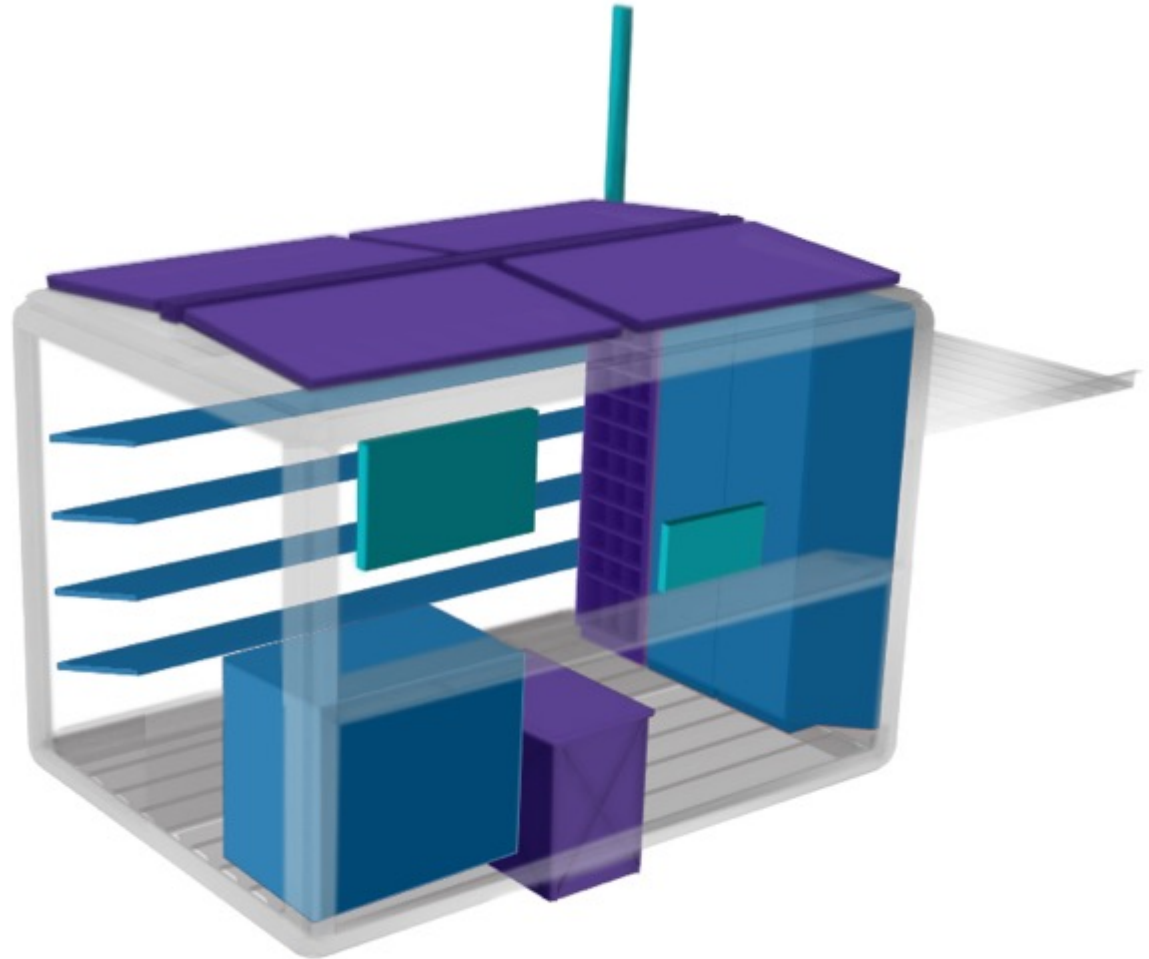
Lights, TV, printer



Shelf/storage space

Desk or counter space

Refrigerator



# E-HUBB Technology

Off-the-shelf architecture solution for sustainable operations.

## 15 years

of grid-independent renewable energy access  
with 0 spent on diesel and generators to  
supply all training/activity hub functions

## 3 months

lead time for flat packed shipment

## 2 days

for construction by a team of 4 people  
anywhere in the world

## Portable design

for relocation whenever necessary

## Low maintenance

to ensure ease of operations

## Comfort inside

for 2-4 people



# E-HUBB Technology

Delivers maximum efficiency and comfort in use.

## 0.5 to 8.0 kWp of power

sufficient supply for your operations

## Battery capacity

powerful to extend operations into evening hours

## Robust solar electronics

proven in 200 units with low maintenance

## Smart metering

enables remote monitoring capabilities

## Connectivity

for education and administrative use

## Integrated phone charging

for orderly charging process

## Integrated ventilation

keeps the E-HUBB cool and dry



Integrated orderly phone charging



Accessible electronics



Batteries stored securely inside



# E-HUBB Technology

Secure and quality robust structure enabling valuable device integration.

## Fully lockable steel shell

2.0 mm steel, galvanized and powder coated

## High quality steel locks

Abus bolt lock and bolt latch to hatch

## Safety mount to solar panels

with pentagon head for special key only

## Stainless steel screw set

all screws, hinges, fittings stainless or galvanized

## Integrated cable trays

to secure cables from operations

## Flexible mount of shelves and cabinets

to fit a variety of indoor designs

## Large hatch

with hydraulic lift support for easy opening and eye level interaction

## Alarm integration

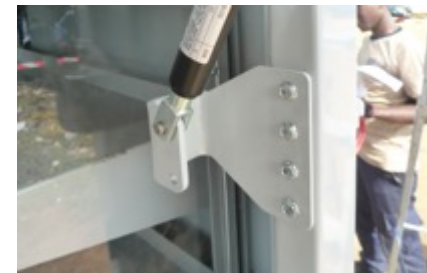
Possible for additional security



Flood lights to outside



Shelf mount and cable tray



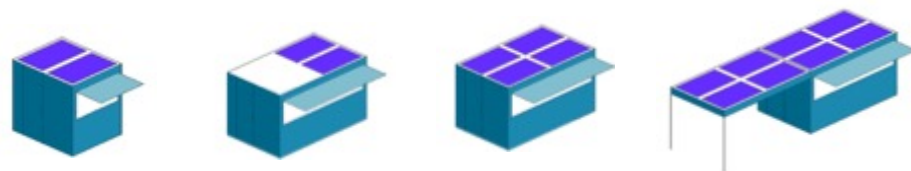
Stainless screws and fittings

# E-HUBB Portfolio

Range of off-the-shelf options.

## Key Features

- Easy to install architecture
- Designed by GRAFT
- Built in solar energy supply
- 24/7 power
- Remote monitoring
- Warranty
- Technical service support
- Durable 15-year life
- Portable
- Modular



E-HUBB MODEL	Mini	Standard	Standard	Standard + Canopy
POWER	0.5 kWp	0.5 kWp	1.0 kWp	2.0 kWp
Panels	2 x 270 W	2 x 270 W	4 x 270 W	8 x 270 W
MPPT Charge Controller	1	1	2	2
Battery (usable)	2.8 kWh (1.4 kWh)	2.8 kWh (1.4 kWh)	6.0 kWh (3.0 kWh)	11 kWh (5.5 kWh)
Inverter 230VAC	500VA	500VA	1200VA	1200VA
GSM Power Monitoring	1	1	1	1
<b>STANDARD EQUIPMENT</b>				
Refrigerator	130 L	130 L	284 L	284 L
LED Inside Light	2	2	2	2
LED Outside Light	1	1	2	2
Alarm System	0	0	1	1
LED TV	22"	22"	28"	28"
USB charger (16 ports)	1	1	1	2
<b>CONSTRUCTION</b>				
Outside Dimension (mm)	2431 x 1946	2431 x 3490	2431 x 3490	2431 x 3490 2431 x 3490
Height (mm)	2590	2590	2590	2590
Shelving Space	5 x 3070x 500 1 x 3070x 600	5 x 5339 x 500 1 x 4614 x 600	6 x 3000 x 500 1 x 4614 x 600	6 x 3000 x 500 1 x 4614 x 600

# Reach

Headquartered in Berlin with local operations across Africa.



<b>5</b>	<b>YEARS</b>
<b>11</b>	<b>COUNTRIES</b>
<b>23</b>	<b>KG OF CO2 SAVINGS BY EACH SOLD SOLAR PRODUCT ANNUALLY</b>
<b>200</b>	<b># OF E-HUBBS IMPLEMENTED</b>
<b>1,000</b>	<b># OF PREDOMINANTLY FEMALE E-HUBB OPERATORS AND JOBS CREATED</b>
<b>3,770</b>	<b>SOLAR PRODUCTS SOLD OVER THE LIFETIME OF ONE E-HUBB</b>
<b>5,800</b>	<b>HOURS OF TRAINING GIVEN</b>
<b>8,750</b>	<b>KWH OF ENERGY CREATED BY EACH SOLAR PRODUCT SOLD</b>
<b>204,750</b>	<b>KG OF CO2 SAVED PER E-HUBB ANNUALLY</b>
<b>536,666</b>	<b>CUMULATIVE KWH OF ENERGY PRODUCED BY ALL E-HUBBS PER YEAR</b>
<b>1,000,000</b>	<b>PEOPLE IMPACTED IN ALL SOLARKIOSK COMMUNITIES</b>

# Awards and Partners

Top recognition for right design and relationships with global organizations.

## Awards



## Partners



[www.solarkiosk.eu](http://www.solarkiosk.eu) | [www.facebook.com/solarkiosk](https://www.facebook.com/solarkiosk) | [www.twitter.com/solarkiosk](https://www.twitter.com/solarkiosk)



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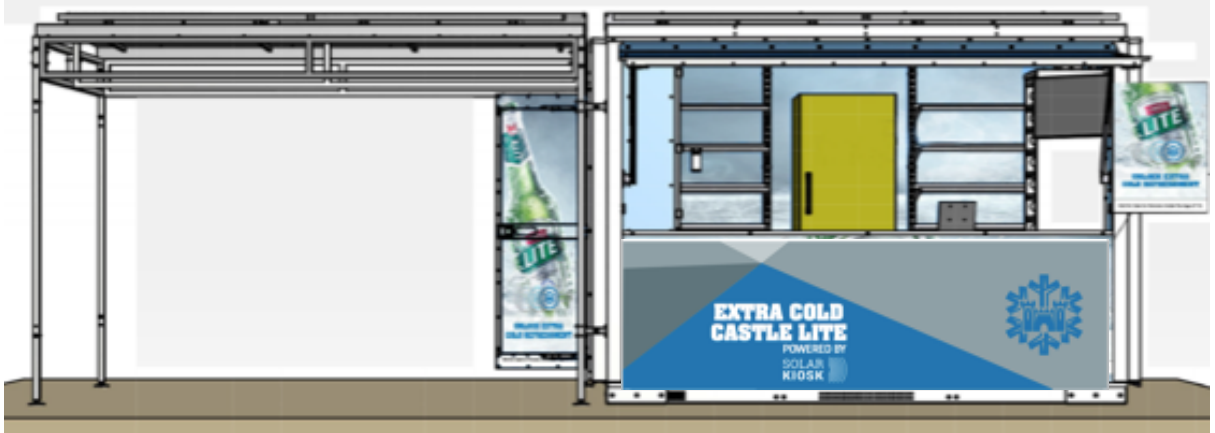


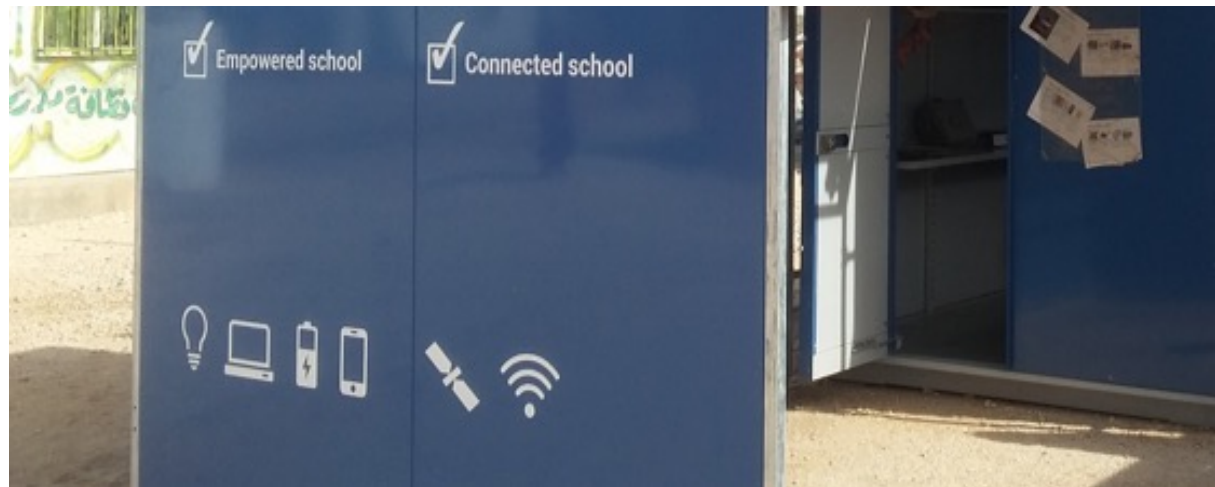
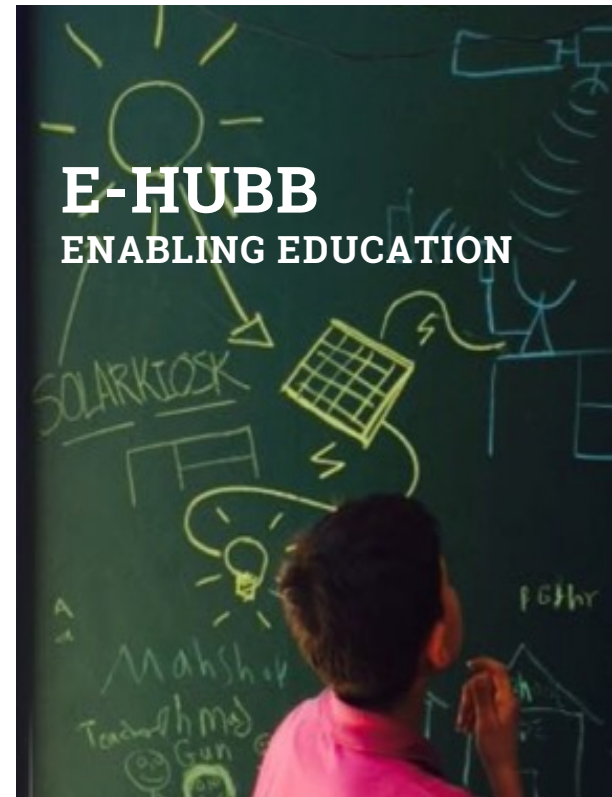
Ghana, 2 kWp



# E-HUBB

## ENABLING LAST MILE DISTRIBUTION







# E-HUBB

ENABLING HEALTHCARE

