Releasing energy for an Africa on the move
Net-zero in Africa?

Africa has abundant sunshine and solar power is getting cheaper all the time.

So **why** is it increasingly dependant on petrol and diesel?

**Because** solar energy is not yet as **distributable** as liquid fuel.

**mopo** changes the equation...

Almost 1 billion Africans have no grid or poor grid and are reliant on petrol and diesel for noisy and polluting generators.
To beat fossil fuels, any solar solution must be **distributable**

Fossil Liquid fuels are:

1. **Versatile**
   From small generators for households or phone charging kiosks, to commercial generators and transport.

2. **Portable**
   Petrol packs a lot of energy relative to its weight and volume.

3. **Pay-per-use**
   Buy as little or as much energy as you need, in cash, anywhere.
Pay-per-use battery swap is one answer to **distribution**

**mopo** Batteries are:

**Versatile**
A range of use cases, from low income households with MOPO\textsuperscript{50} to e-mobility and generator replacement with MOPO\textsuperscript{Max}

**Portable**
50Wh of handheld energy with MOPO\textsuperscript{50} and 1000Wh with MOPO\textsuperscript{Max}

**Pay-per-use**
No deposit, no long term commitment, just pay as and when required
MOPO Hubs

Hub can be installed on existing generation asset or new site with solar or grid

Agents & Riders

Agents buy activation credits from Mobile Power using Mobile Money

Homes & Businesses

Customers pay the agent directly with cash and the agent uses their credits to activate the battery for the customer
MOPO50 Battery
24-hr household energy access

The fossil fuel way
Generator-powered phone charging kiosk

The mop0 way
Charged at solar hub, taken home and run multiple appliances
The fossil fuel way

MOPOMax Battery:

Electric motorbikes and tuk-tuks

The mopoway
MOPOMax Battery:
Replacing petrol generators

The **fossil fuel** way
Loud and polluting
Generator-powered businesses & homes

The **mopo** way
Silent, net-zero and cheaper
Innovative technology platform enables scale
Proven financial track record

MOPO Hub economics

- Installation time: 1 day
- Average payback: <12 months
- Asset life: 54 months before refit
- Jobs per hub: 4

Over 11 million rentals.
Over 500,000 per month

>65% EBITDA margin at established subsidiaries
Proven track record on job creation

37% of our agents are female and for many it is their first time earning a wage.
Thank you