

3. KNIGHTS ENERGY

Contact Person: Mr. Francis Romano, MD

Mobile: [0722 953976](tel:0722953976)

Website:

<http://www.knightsenergy.co.ke>

Location: Great Jubilee Centre, Karen, Nairobi

Email: mobility@knightsandapps.com mobile: 0752248289

The company is owned by Knights and Apps Ltd and is a versatile, locally owned, ICT and Renewable Energy Solutions firms. It has a wide coverage of Kenya and the East Africa Region. The firm's long-term Objective is to be a one-stop-solution provider for Homes, Office and Industrial solutions.

The company specializes in project development, engineering, procurement and construction management of PV hybrid and storage plants. The Solutions provide reliable power supply, even without a utility grid covering Energy generation, energy management and electric mobility which leads to generation, consumption monitoring and reporting on energy usage and efficiency.

Drive Electric is the E-mobility division of Knights and Apps whose role is decarbonizing transportation through EVs powered by Solar. As such they provide a best in class offering by incorporating two, three & four-wheeler EV propositions for rural, peri urban and urban contexts.

The company installs, operates and maintains charging stations, as well as monitor their energy flow to analyze the electric vehicles' power consumption. Offers consultative services on Electric Vehicle Supply Equipment and Fleet Electrification. The company also sells and leases EVs on negotiable terms whose limits vary.

Charging Station for Electric Cars



Fig. 1 & Fig 2 : Electric charging station powered by solar energy.

4. POWER HIVE

Powerhive hires out Electric Motorbikes to people, both Boda Boda Taxis and youth.

They offer riders a chance to rent or buy the Motor bikes on a lease-to-own basis. Riders are able to swap empty batteries for fully-charged ones at a fee at any of three mini-grids, where we will pilot the EV business.

Benefits of the Electric Motor bikes:

- Cost effective and almost maintenance free
- Zero emissions, thus environmentally friendly
- They have a robust design and can be used anywhere be it on well built tarmac roads or off-road dirt paths
- They reduce commute time as changing gears is not necessary
- Instant torque and rapid acceleration makes it easy to adopt to traffic and react quickly
- They produce no sounds – no noise pollution



A fleet of Electric Motor bikes



Batteries that can be swapped once it has run out.