Products and Services

2019

SunCycles Electrics Namibia cc

Windhoek, Namibia
Vision and Mission - SunCycles Electrics Namibia cc

- E-bike technology for Namibia and beyond
- Distribute via local bicycle shops and dedicated entrepreneurs
- Facilitate know-how transfer and supply spare parts for easy maintenance
- Bypass fossil fuels by using photovoltaic systems
- We believe that E-bikes can have a positive impact on grassroot communities and therefore our product are designed to be:
  - Simplified and modular
  - Accessible via “Do It Yourself”
  - Utility focused
The first affordable electric bicycle for rural and off road conditions: Our Kalahar-e-BushBike® is designed and built in Namibia, to offer a localised mobility solution for the toughest environments. This all round utility vehicle provides a cost effective solution where normal bicycles are limited in their usefulness. Its design allows for additions such as ambulance trailers, or goods carriers and the Kalahar-e-BushBike is used by anti-poaching units, health workers, entrepreneurs and taxi operators.

- Sturdy robust 20-inch tyres, 100kg load
- 250W BAFANG Front hub with Shimano Roller Brake
- 36V 10Ah Li Ion battery, 50km range
- Supports local maintenance through DIY
- Made in Namibia
SunCycles Fat-E - The Ecotourism Experience

From sandy dunes to rocky outcrops, dry river beds and secluded animal tracks, our full suspension Fat-E will take its rider where no vehicle will ever be able to set tyre. An all-terrain e-bike, it provides an eco-friendly alternative for discovering Namibia’s diverse landscapes. Available at over more than 16 touristic destinations across Namibia, along the coast from Oranjemund to Epupa, to the Namib and Kalahari.

- BAFANG geared back hub motor 500W, < 120km range, display, kill switch, brake levers
- 48V 7/13/17.5 Ah Li-Ion Battery
- Alu-hydro formed frame, 26x4.5 inch or 29x2.35 inch tyres, RST front shocks, A5 air back suspension, Shimano 8 speed gear cassette, Tektro 180mm cable disc brakes
Designed to fit compact spaces and for ease of use, the Fold-E has an accessible frame, and provides the ideal urban alternative as a convenient last mile solution, it is faster than cars in congested areas, allows for stress-free parking, saves time and money and is supported by battery swapping within the City’s E-hub network. Flexible for transport, the Fold-E can be taken along on any adventure, whether a safari in the bush, cruise on the beach or ride through the village.

- BAFANG geared back hub motor 500W, <70km range, display, kill switch, brake levers
- 48V 13Ah Li-Ion Battery
- Alu-hydro formed frame, 20x4inch KENDA Juggernaut tyres, RST front shocks, Shimano 8 speed gear cassette, Tektro 180mm cable disc brakes
Custom built solar recharge systems provide carbon free mobility at a minimal cost. With a solar system, E-bikes can be charged during the day, while not in use. Our solar recharge systems range in capacity, from supporting one to ten E-Bikes at a time.
Connectivity
Internet facilities and cellphone reception are crucial to connectivity, and improves livelihoods by providing access to external networks, services and information.

E-Hubs
Combining mobility and energy under one moveable roof, E-Hubs empower local entrepreneurs to become sustainable business entities that supply key services to their communities.

Green Logistics
Whether it’s waste collection, transporting recycled material, or taking goods to the market, E-mobility presents a greener way of moving freight.

Solar Power
E-Bike batteries are solar charged, and supplied to clients through a swapping system. Solar also powers other services at E-Hubs, allowing for 100% guilt-free energy consumption.

Nature Conservation
Conservancy game guards spend long hours on foot following tracks through nature. As fast and silent patrol vehicles, E-Bikes introduce a more efficient means of protecting the natural environment.

Smart Commuters
E-mobility is changing the way we move. E-Bikes present a cost-effective and emission-free alternative for commuters, deliveries and taxis.

Rural Communities
Because E-Bikes allow for an increase in range, comfort of travel, and can be applied for multiple uses, it enables better access to facilities like clinics, schools and markets.

Powered by SunCycles Namibia
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Problems – faced by Namibians and threatening the local transport ecosystem

- Insufficient public transport systems
- Expensive taxis and private cars
- Congestion, causing wasted time, money and fuel whilst significantly increasing pollution
- Cities become less desirable places for both businesses and residents
- Current options do not promote healthy lifestyle choices

Opportunity – to develop Africa’s first E-bike and E-hub network

- E-bikes saves money, with up to 50% less transport costs
- E-bikes offset greenhouse gas emissions whilst providing viable transport
- Managed networks create jobs, reducing the capital cost of automation and security
- Decentralised production strengthens local value chain
- In line with modern urban development, E-bikes support smart cities and Windhoek’s NMT network
- E-Bikes serve unmet transport needs
- E-bikes promote healthier lifestyle choices
Value Proposition

- **PRIVATE USERS**
  - Decrease transport costs
  - Healthier alternative
  - Decrease time spent in traffic

- **MUNICIPALITY**
  - Reduce transport costs
  - Affiliation with eco-mobility
  - Increase employee wellness
  - Green star ratings
  - Reduce infrastructure pressure
  - Support private sector initiatives
  - Reduced congestion

- **LOCAL ECONOMY**
  - Strengthen local value chain
  - 20 E-bikes create one job
  - Empowers local entrepreneurs
  - Decrease dependence on fuel imports

- **SPONSOR**
  - Eco-conscious affiliation
  - Headline exclusivity
  - Moving billboards - peak time and place

- **BUSINESS USERS**
  - Decrease transport costs
  - Healthier alternative
  - Decrease time spent in traffic

- **ENVIRONMENT**
  - Emit 90% less CO2
  - Improves urban development
  - Increase value of property

- **INVESTOR**
  - Eco-conscious investment
  - Early adopter opportunity
  - ROI