

E-Bikes for urban traffic & Taxi / Cargo / Ambulance Concepts

*How to combine empowerment, sustainable innovation,
and income generation through social impact business.*



*Photo: E-Bike with water filter station
(team of water for children e.V.)*

The situation and the concept:

In Kampala/Uganda alone officials estimate around 400.000 small motorcycles, known as Boda Bodas. During our last visit in January 2020, we developed a concept with local partners, based on our 25 years of experience with e-bikes.

We wanted to match the local transportation needs and also the price of a Boda. The business model is based on renting car batteries by a local factory. That would cut costs for customers by 50% and still allow the operator \$ 1 profit per customer per day.



Additional business concepts:

E-fatbikes for renting to tourists or to be used as ambulance, taxi and cargo bikes, opens new markets and can combine profit making with social business.

Besides the tourists we could serve the NGO's, wild life foundations, hotels/lodges and communities.

The most popular tourist activities are safari and bike riding. First attempts with e-fatbikes in Namibia were very successful.

Our bikes and business models we could expand in Africa and Asia and give an impetus to the market in Europe and USA.

Many tourists will want such an e-fatbike after getting that special experience in their vacation.

These customers we can offer upgraded models and may be even motivate them, to invest in our expanding business.



Our experiences:

- 1. custom made and branded bikes*
- 2. design and prototyping*
- 3. own developments*
- 4. testing*
- 5. VIP and e-racing events*



Photo: Reckert, E-Bike photo shooting Olympiapark Munich

1. custom made and branded bikes

Photo: Reckert, E-Bike photo shooting Zolder Racing Track



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1. custom made and branded bikes

Photos: Eisel/Reckert, E-Bike testing in Rome



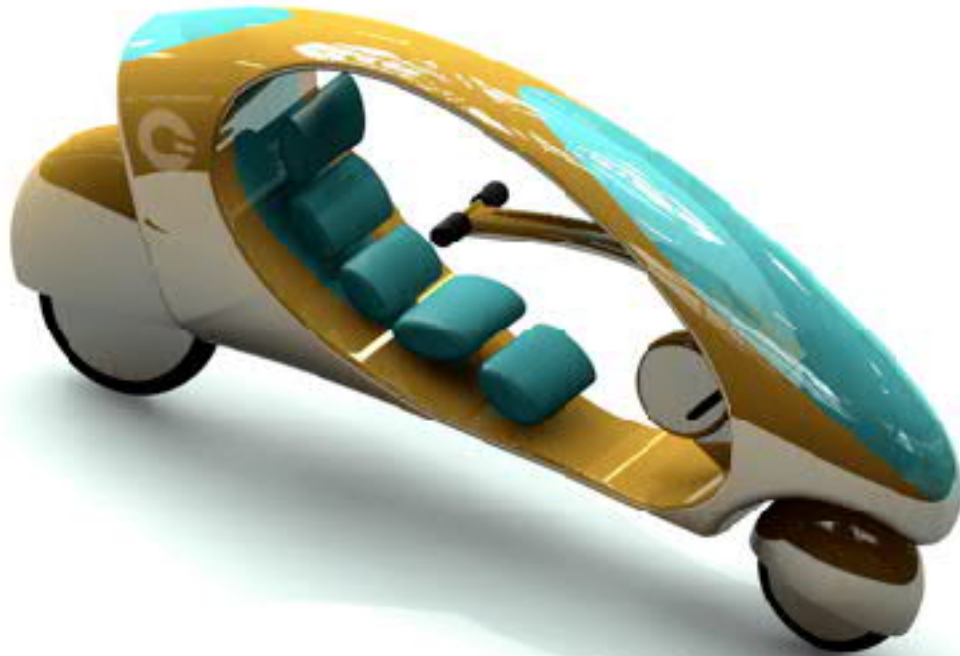
2. design and prototyping

Photos: Gasch/Reckert, e-car design and construction with natural fibre



2. design and prototyping

Photos: Gasch/Reckert/Maneck, e-bike and e-scooter design and construction



2. design and prototyping

Photo: Reckert, e-bike and design and production, carbon



3. own developments

Photos: Reckert

*belt drive design and
construction for
CONTINENTAL*

*fatbike full suspension
frame and layout for belt
drive*



3. own developments

Speedbikes:

*up to 30 KW / 120 km/h
motor, electronics, carbon
frames and belt drive from
own design*



Waterbikes:

*e-waterbikes with water
filter stations*



Cargobikes:
*transportation
delivery
taxi*



4. testing

Photo: Eisel/Reckert, test in seawater (NL) and via Appia Antica Rome



5. VIP and e-racing events

***New e-race carbon bike:
test drive with F1 star Adrian
Sutil in Munich***

***eBike World Championships:
organization and races at
Zolder Circuit (Belgium),
Dolomites (Italy), Cologne.***

***New e-race bike:
test drive with Jutta
Kleinschmidt,
winner of Paris Dakar***

***E-Cross Germany:
TV event and e-bike tests with
Heinz Harald Frentzen***

