

# AFRICA E-MOBILITY FORUM – 2nd EDITION

Innovative, Locally  
Adapted and Resource-  
Efficient Electric Vehicles



Africrooze's  
contribution to  
Localisation of  
Value, Job  
Creation and  
Manufacturing

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Dakar | May 2024



# IT ALL BEGAN WITH A VISION

## Electrify the bicycle to revolutionize mobility in Africa

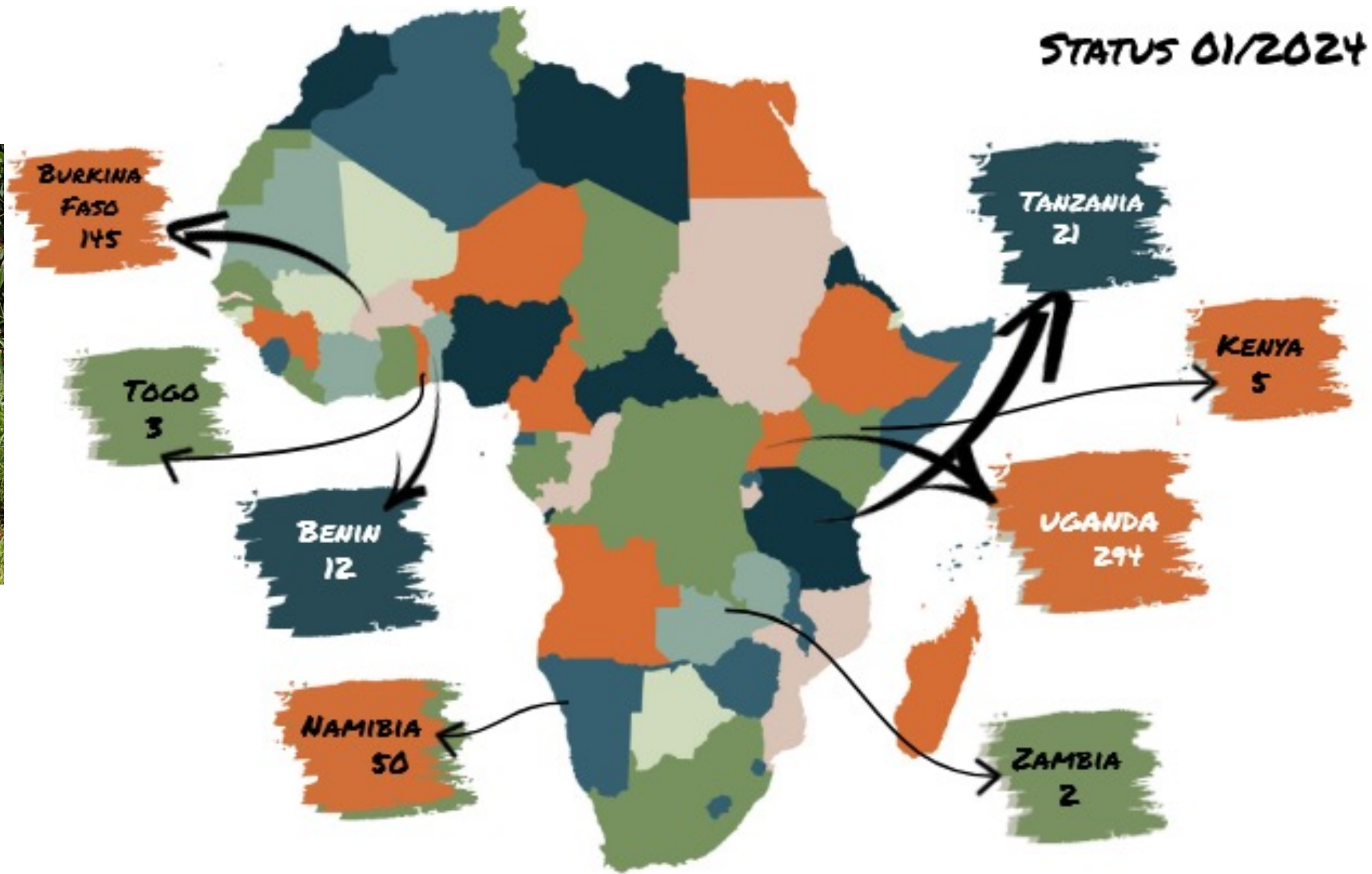
Established from an initial vision of EURIST e.V. and FABIO-First African Bicycle Information Organisation AfricroozeE looks to:

“Create new green affordable mobility options for all Africans, which are profitable and sustainable for users, the society, institutions and the environment. Striving to create jobs, fight pollution and poverty and stand up for gender equality and education.”



# ALREADY ON THE ROAD

## Data from over 500 AfricroozEs



**Uganda TV**  
<https://www.youtube.com/watch?v=8bgP92bIYCo>

**KfW/DEG 1**  
<https://www.dw.com/en/africrooze-e-bikes-made-for-the-african-market/video-62393754>

**Shift Mobility Conference**  
<https://www.youtube.com/watch?v=HVsrFhEt6Sw>

**KfW/DEG 2**  
<https://www.youtube.com/watch?v=d0PU4LdrPWE&t=45s>



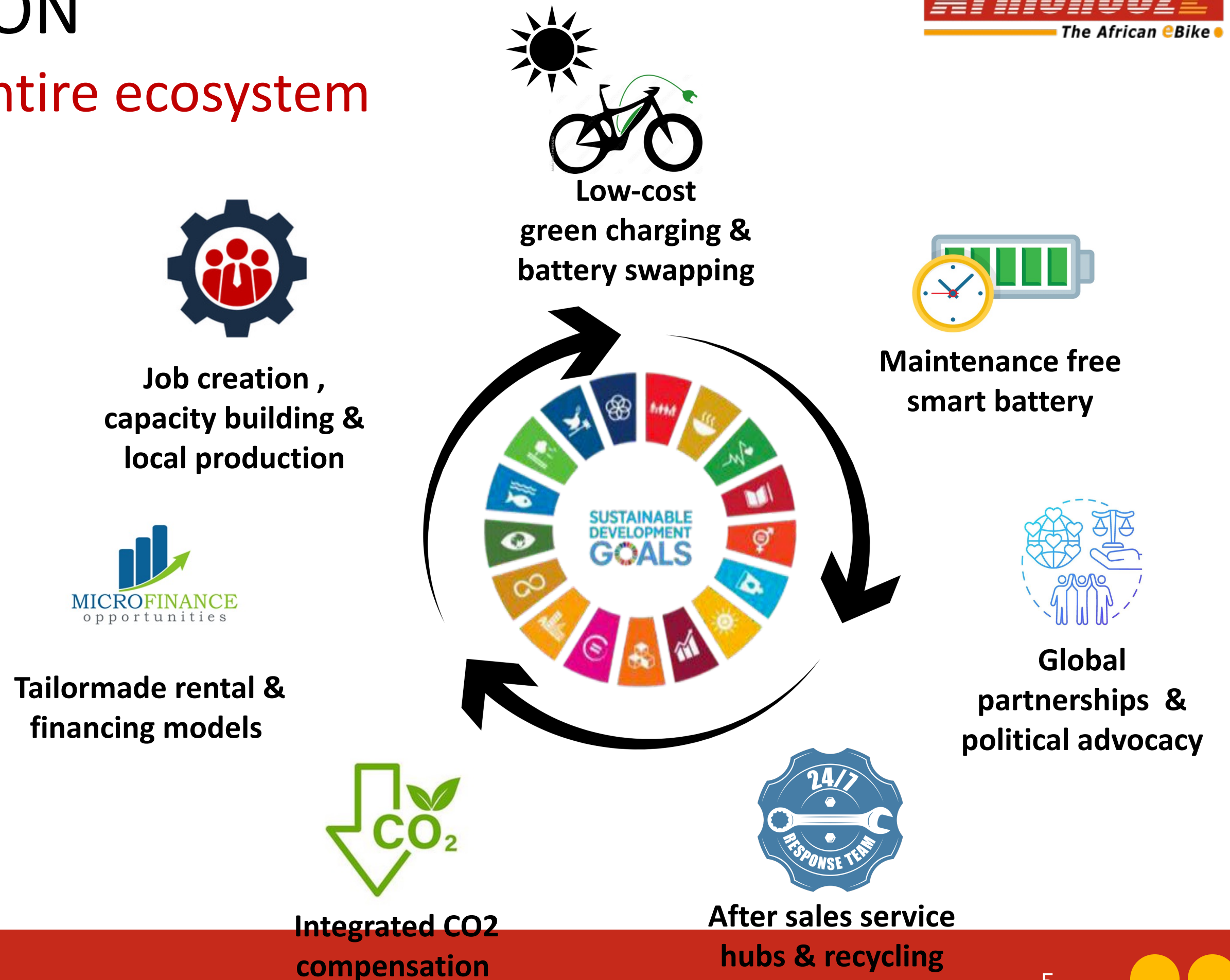
# CURRENT AFRICROOZE USER GROUPS



# ALL-IN-ONE SOLUTION

**Our USP - We offer an entire ecosystem**

- ✓ Our work is fully based on sustainable goals, human, social and economic values
- ✓ We take responsibility in all means – now and for future generations
- ✓ AfricroozE is serving 10 of 17 SDGs set by the United Nations
- ✓ We calculate the Co2-savings and get them ready for compensation



# ALL-IN-ONE SOLUTION

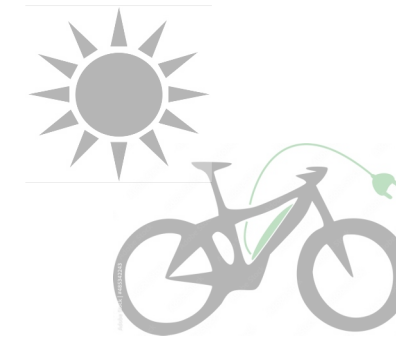
## Our USP – What we have worked on



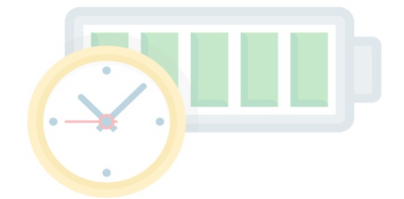
Job creation ,  
capacity building &  
local production



Tailormade rental &  
financing models



Low-cost  
green charging &  
battery swapping



Maintenance free  
smart battery



Global  
partnerships &  
political advocacy



Integrated CO2  
compensation

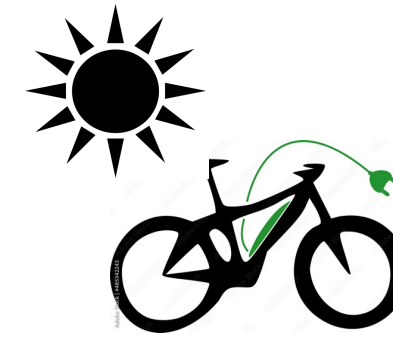


After sales service  
hubs & recycling

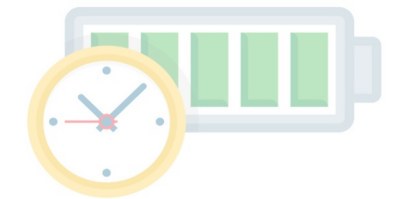


# ALL-IN-ONE SOLUTION

Our USP – What we have worked on



Low-cost green charging & battery swapping



Maintenance free smart battery



Global partnerships & political advocacy



After sales service hubs & recycling



Integrated CO2 compensation



Job creation, capacity building & local production

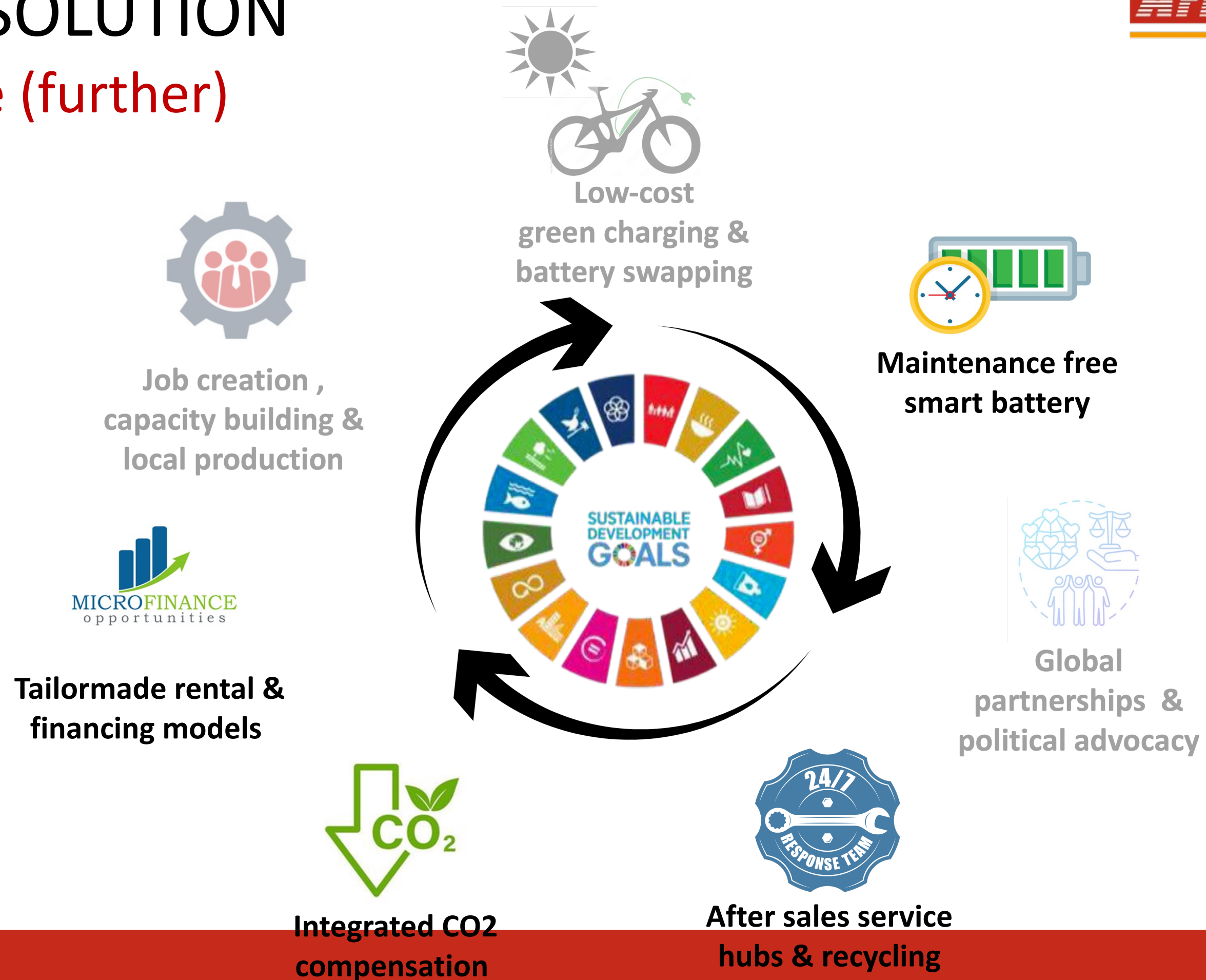


Tailormade rental & financing models



# ALL-IN-ONE SOLUTION

Our USP – To be (further) developed





# TARGET GROUPS

## E-bikes to fill gaps in urban and rural mobility

**Urban and peri-urban logistics:** Companies going the last mile green

**Agribusiness:** Farmers closing gaps in rural transport chain

**Personal transport:** Employees enjoying access to their own job-e-bike to commute to work

**Transport of goods:** Delivery services saving money in operations

**Transport of passengers:** E-bike-taxi operators getting more customers

**Healthcare sector:** Rural clinics offering new mobility for staff and low-cost emergency e-bike-ambulance transport



## Fleet – Line extension and new manufacturing partnerships

### ALLROUNDER

<b>MOTOR</b>	500W
<b>CHARGE UNIT</b>	2x 48V 15.9Ah
<b>RANGE</b>	75-100km
<b>BATTERY</b>	1526Wh
<b>SPEED</b>	30km/h
<b>LOADING CAP.</b>	150 kg



### E-CARGO

<b>MOTOR</b>	500W
<b>CHARGE UNIT</b>	2x 48V 15.9Ah
<b>RANGE</b>	75-100km
<b>BATTERY</b>	1526Wh
<b>SPEED</b>	30km/h
<b>LOADING CAP.</b>	150 kg



With local production in Uganda

### COMMUTER

<b>MOTOR</b>	350W
<b>CHARGE UNIT</b>	1x 48V 15.9Ah
<b>RANGE</b>	40-60km
<b>BATTERY</b>	763Wh
<b>SPEED</b>	30km/h
<b>LOADING CAP.</b>	90 kg



