Battery fleet and infrastructure management software

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STIMA Rationale

Batteries are the largest investment and close monitoring is needed to mitigate the risks related to this business line and achieve scalability

- **Operational risks**: low infrastructure utilization or service time, inadequate operating procedures, staff performance issues, asset theft,

- **Battery risk**: Battery technology and lifespan issues, battery faults

We support e-mobility companies by providing monitoring and optimization of batteries and charging infrastructure operations
Our solution

A tailored B2B battery fleet management software, enabling fast e-mobility transition in emerging markets

- Rider App
- Operator App
- Monitoring platform

Interface with riders
Interface with swap/charge station operators
Interface for network supervisors

IoT-based platform compatible with any e-motorcycle
USE CASE

1. Our client keeps track of all his assets and of his operation
USE CASE

2. Our client understands the battery swapping/charging network performance (service, economics)
USE CASE

3. Management of battery performances
USE CASE

4. Optimization of operations economics

<table>
<thead>
<tr>
<th>KPI without STIMA</th>
<th>KPI with STIMA</th>
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</thead>
<tbody>
<tr>
<td>1,200 cycles</td>
<td>1,800 cycles</td>
</tr>
<tr>
<td>1.5</td>
<td>1.3</td>
</tr>
<tr>
<td>X</td>
<td>-30%</td>
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<tr>
<td>Battery lifetime</td>
<td>Battery lifetime</td>
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<tr>
<td>Battery/Driver ratio</td>
<td>Battery/Driver ratio</td>
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<tr>
<td>Battery OPEX</td>
<td>Battery OPEX</td>
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<tr>
<td>Battery end of life value $/kWh</td>
<td>Battery end of life value $/kWh</td>
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</tbody>
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Battery fleet investment: 10% IRR

Battery fleet investment: 30% IRR

*including STIMA SaaS cost
A global data-based standard Platform
Central for all mobility actors on the value chain

- Fleets / Riders
- Motorcycle OEMs
- Carbon credits
- Battery Pack-makers
- Second life battery players
- Asset financiers
- Charge/Swap operators
Gender-inclusivity: Women empowerment program

Objective
Achieve higher level of women integration in the moto-taxi sector in Kenya

190 women reached
70 enrolled
40 trained (driver licenses)
And joining delivery and ride-hailing fleets

Program main partners
Thank You

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