solarbox
Sustainable Mobility, Energy Generation and Storage Solution
A core feature of transportation infrastructure are petrol stations, which, contrasting road networks, are privately owned.

<table>
<thead>
<tr>
<th>Fuel Stations</th>
<th>Total Market</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell</td>
<td>$1.7 billion</td>
</tr>
<tr>
<td>TotalEnergies</td>
<td></td>
</tr>
<tr>
<td>OLA</td>
<td></td>
</tr>
<tr>
<td>CDK</td>
<td></td>
</tr>
<tr>
<td>independents</td>
<td></td>
</tr>
</tbody>
</table>

Over 500 fuel stations in Senegal:

- Shell: 136 Fuel Stations
- TotalEnergies: 171 Fuel Stations
- OLA: 65 Fuel Stations
- CDK: 135 Fuel Stations

Total Market: $1.7 billion
Africa needs a new form of infrastructure powering modern electric mobility
Mobility Energy Stations

- 18x375W Solar Panels
- 12,000 Nm Actuators
- Removable Panels
- 6 kW
- Retractable Wings
- Container Mobility and Security
- Energy Production
- Neworked

30kWh LiFePo Batteries

Used Containers
With our team of engineers we have built a locally adapted solution adapted to the needs of our
Our solution – Locally Adapted Utility Vehicles for Mass Market Cargo Transport

Networked Solar Charging Stations + Electric Utility Vehicles + Remote Monitoring

Direct Energy Generation + Lower Operating Costs + Increased Transportation Efficiency
**Yawi! Locally Adapted, Utility EV**

**Base Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range (measured)</td>
<td>60 km</td>
</tr>
<tr>
<td>Peak Torque</td>
<td>213 Nm</td>
</tr>
<tr>
<td>Top Speed</td>
<td>45 kph</td>
</tr>
<tr>
<td>Acceleration</td>
<td>7.0 s</td>
</tr>
<tr>
<td>Battery Capacity</td>
<td>5 kWh</td>
</tr>
<tr>
<td>Vehicle Weight</td>
<td>520 kg</td>
</tr>
<tr>
<td>Max Cargo</td>
<td>950 kg</td>
</tr>
<tr>
<td>Regen braking</td>
<td>15A</td>
</tr>
<tr>
<td>Battery Charger</td>
<td>110/240 V</td>
</tr>
<tr>
<td>Charging time</td>
<td>7 h</td>
</tr>
</tbody>
</table>

**Overnight recharging**

**500kg Cargo**

**Remote Tracking**

**Roof Solar Range Extender**

**Made in Senegal**
EV Kaolack: Lightweight, low cost EV Motorbike

Base Specifications

- Range (measured): 80km
- Peak Torque: 12.6 Nm
- Top Speed: 70 kph
- Battery Capacity: 3 kWh
- Vehicle Weight: 95kg
- Regen braking: 15A
- Battery Charger: 110/240 V
- Charging time: 2 hr

Features:

- Lightweight motorbike
- Dual passenger
- Remote Tracking
- Battery swap or charge
- Made in Senegal
We will lease EV 3-Wheelers to businesses

- **solarbox**: Free
- **Yawii!**: $300 monthly per vehicle
- **Dashboard**: SAAS
Our Promise

0
ZERO

Carbon Emissions (tonnes)

Fuel Costs ($)

Initial Investment ($)

Maintenance Costs ($)
Solar charged Electric Vehicles can enable Africa to leapfrog costly, imported and dirty fossil fuels