

PITCH DECK



SmartWatt
Company Limited

Business Summary

A Green Energy and Tech Company:

-  Fuel to electric vehicle conversion technology & repairs services
-  Smart home appliances
-  Solar energy storage systems and power banks
-  General Household Electrical wiring services
-  Electric Vehicle Training & Consultancy Service



The Problem

- Our world's current challenge, **climate change** is growing rapidly at an alarming pace.
 - Increased population has brought about overreliance on fossil fuel to power transportations across rural and urban migration.
 - Combustion of fossil fuel in vehicular systems leads to emissions of harmful gases into the atmosphere and pollutes the air.
 - **Severe climate change** on the rise as a result of global warming.
 - Many regions in Africa suffer from unreliable and **insufficient energy supply**, impacting both individuals and businesses.



The Solution

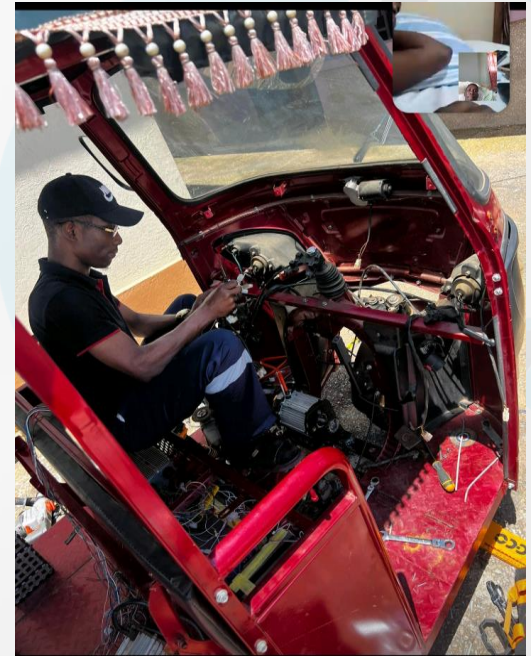
To reduce over dependency on fossil fuels and reduce the impact of Greenhouse Gas emissions on climate change;

❖ **SmartWatt offers:**

- Eco-friendly vehicles or emission free vehicles.
- Reused and repurposed end-of-life vehicles.
- Sustainable energy solutions and increased circular economy in the automobile industry.
- Efficient and Solar Energy Storage Systems.
- Efficient e-mobility options, durable for our roughest roads in the country.



The Solution cont'd



Our Impact

- **Sustainable Energy Solutions:**
 - Innovative **fuel-to-electric conversions**
 - Advanced solar energy storage systems & smart technology for homes and businesses.
- **Job Creation**
 - We have currently recruited nine (9) staff.
- **EV training and awareness programs**
 - We organize EV training programs on several University campuses.



Page 14

Our Impact cont'd



Our Impact cont'd

- Instrumental in National Energy dialogues and programs from major energy institutions in Ghana such as the Ghana Energy Commission, and Ghana Standards Authority.
- EV maintenance service providers for other E-mobility companies such as; SolarTaxi, Wahu, and SmartTransyt Limited.
- Prominent in consultancy, research and advisory role for Brew Hammond Energy Centre for Kwame Nkrumah University of Science and Technology (KNUST)



Our Vision

We hope to;

- ❑ Create the **largest Research Hub and Maintenance facility in the country**, to address technical challenges faced with Electric vehicles in the country.
- ❑ Create a **centre for innovative and sustainable energy solutions**, where University graduates can utilize knowledge acquired from school to address Energy crisis in the country.
- ❑ Create a **centre for mass conversion of fuel-to-electric vehicles** in the country.
- ❑ Promote **continuous reliable energy**, vehicle maintenance service and engineering products to other key players in the E-Mobility space.



Market Advantage

❑ Opportunity

- **Shifting** demand for electric vehicles
- **Customized** conversions can help meet specific performance needs and delivery timelines for logistics companies and food vendors in the country.
- **Timely** supply of EV components

❑ Key Strategies for Market Penetration

- **Building reliable and fastest supplies of Evs** components to facilitate maintenance activities in the E-mobility space.
- **Mass conversions** of fuel to Electric vehicles for delivery and courier services.
- **Partnering with logistics companies** in terms of EV fleet management and tracking systems.

Market Competitive Analysis

Company	Strengths	Weaknesses	Opportunities	Threats
SolarTaxi	Strong brand recognition in Ghana with flexible financing & leasing options.	Limited vehicle range compared to competitors. Scaling challenges due to infrastructure gaps.	Potential partnerships with government & businesses.	Competition from global and regional EV providers.
Wahu Mobility	Affordable EV solutions for urban areas and strong local presence	Limited production space and capacity. Competition from larger firms with more resources.	Access to International funding opportunities and support	Price-sensitive market with alternative transport options.
Grace Mobility	Specializes in high-efficiency EVs by women-led mobility initiative in African.	Newer player with limited market penetration.	Differentiation through gender-focused mobility solutions.	Dependence on sustainable energy infrastructure.
MAX	Strong foothold in commercial e-mobility with integrated financing for drivers.	Higher costs compared to traditional bikes & vehicles. Potential regulatory challenges in expansion markets.	Scaling up fleet electrification programs& corporate partnerships.	EV adoption barriers in certain regions.
KOFA	Reliable battery swapping systems to ensure continuous flow of businesses	Increased energy demand on the national grid	Potential to scale battery swapping and tech innovations.	Competition from local startups in the e-Mobility industry

Financial Performance

Year	Projects	Unit	Revenue Accrued (\$)
2022	EV Repairs & Maintenance	15	300
2023	Two & Three -Wheeler Conversion Testing	2	500
2024	EV Conversion maintenance	5	600



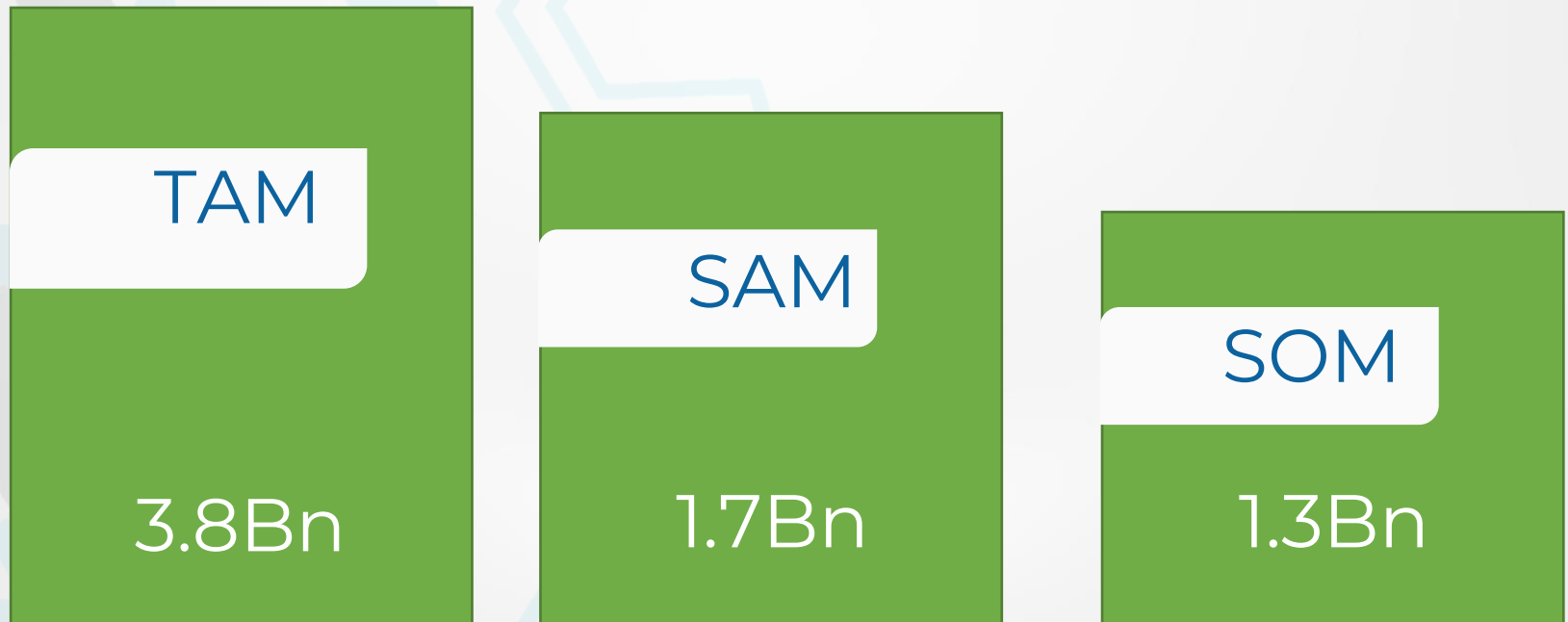
Financial Projections (Next 3 Years)

Year	Two-Wheeler Conversions	Revenue (\$)	Three-Wheeler Conversions	Revenue (\$)	Total Revenue (\$)
1	500	750,000	300	900,000	1,650,000
2	750	1,125,000	450	1,350,000	2,475,000
3	1,125	1,687,500	675	2,025,000	3,712,500



Market Size Available

15% Market Share



Business Model cont'd

Model A: Conversion of Fuel Motor Vehicles to Electric



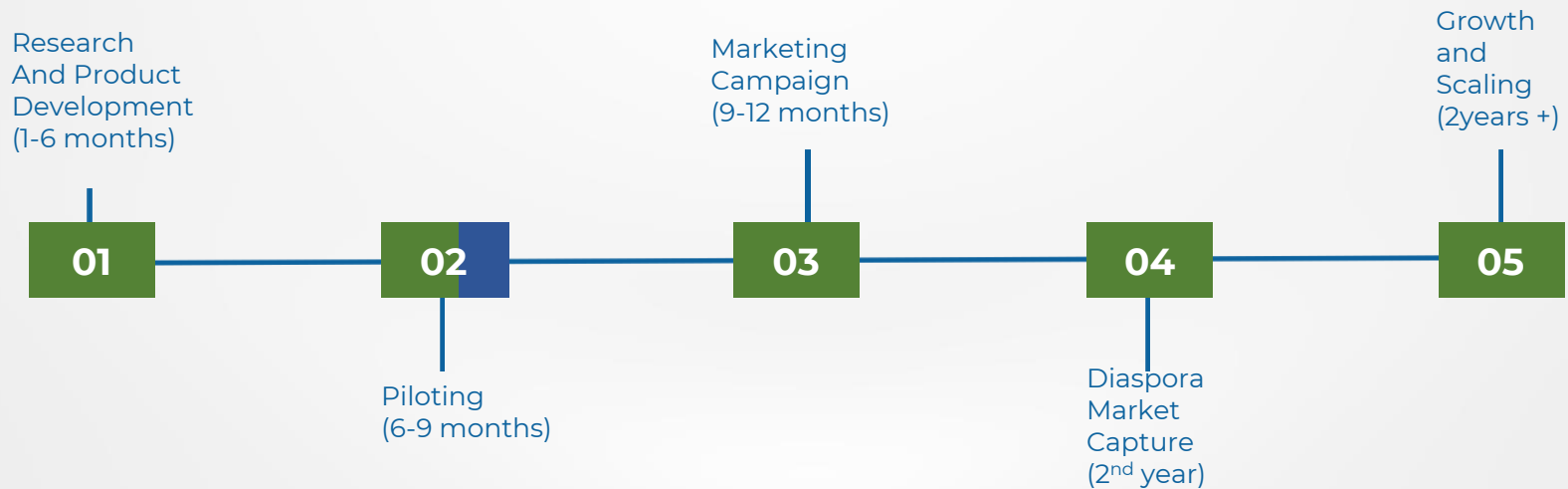
Model B: Conversion of Auto Rickshaws



Model C: Conversion of Normal Bicycles to Electric Bicycles and Electric Trikes for Cargo Delivery



Our Traction



Our Dedicated Team



Mr. Ebenezer Kojo Brew
Founder/CEO



Ms. Scortia Quansah
Chief Investment Officer/P.R.O



Mr. Dennis Amponsah
Electrical Engineer



Mr. Henry Tweneboah
Software Engineer



Ms. Frida Brinwaa
Research Fellow - Energy
Engineer



Ms. Mena Pesew Hayford
Research Fellow - Mechanical
Engineer



Mr. Edward Yakubu
CAD Engineer



Mr. Yao Morts
Welding Technician



Mr. Bernard Ebow Afful
Graphic Designer/ Social Media &
Marketing Executive



Mr. Daniel Quansah
Brand Ambassador & Executive
Marketing Officer



Mr. Simon Nelson
Intern

Financial Performance & Projection

Our Ask

Procurement of Industrial machineries, tools and equipment for mass production



Prototype of converted bike and trike

Our Ask - Breakdown

Category	Item
Battery Pack Technology € 5200	Spot Welding Machine Lithium-ion Cell Balancer
EV Services Station € 1400	DC Fast Charger (Commercial Level) Autel Scanner MaxiCOM
EV Metal Frame Fabrication € 2200	Steel Section Bending Machine Fn Rolling Seam Welding Machine
Project Prototype € 1200	Converted Motorbike for Delivery

Conclusion

Green Energy is worth to invest in
for a sustainable future



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Thank You

we look forward to partnering with you



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