ReVitalize

RELY THE POWER

"ReVitalize: Transforming Energy Systems for a Sustainable Future."

"We are revolutionizing energy storage and recycling solutions through innovative, eco-friendly technology."

THE PROBLEM WE ARE ADDRESSING

High Costs of Electric Vehicles:

- The high upfront costs of new electric vehicles (EVs) make them out of reach for many consumers, especially in developing economies. Even though EVs offer long-term savings, affordability remains a significant barrier to widespread adoption.

Environmental Impact of Traditional Vehicles:

- The transportation sector is responsible for 24% of global greenhouse gas emissions, mainly from internal combustion engine (ICE) vehicles. These vehicles contribute to air pollution, worsen climate change, and deplete fossil fuel resources.

Inadequate Charging Infrastructure:

- Inadequate charging stations, especially in rural areas, create range anxiety among potential EV owners. The lack of access to charging points limits the practicality of switching to electric vehicles.

Wasted Resources in Existing Fleets:

- Millions of ICE vehicles are still in use, consuming high fuel levels and contributing to pollution. Replacing them with new EVs is expensive and out of reach for most people and businesses.

OUR SOLUTION

ReVitalize provides an affordable and scalable solution to accelerate the adoption of electric vehicles by offering:

1. **Affordable EV Conversion Kits:**

- We offer conversion kits to transform existing ICE vehicles (mainly two-wheelers) into electric vehicles, making EVs affordable and accessible for consumers and businesses.
- Cost-effective solutions to retrofit scooters and motorcycles into electric vehicles at a fraction of the cost of buying new EVs.

2. **Portable Emergency Battery Solutions:**

- Providing portable battery solutions to ensure backup power for vehicles, especially in remote areas with insufficient charging infrastructure.

3. **AI-Driven Optimization:**

- Using AI technologies to optimize battery life, performance, and safety features for retrofitted vehicles, ensuring better efficiency and longer lifespan.

4. **Promoting Green Mobility:**

- By converting existing vehicles to electric, we offer a sustainable alternative, reducing pollution and carbon footprints, while making clean mobility affordable.

MARKET OPPORTUNITY

- **Global Electric Vehicle Market:**
- The global electric vehicle market is expected to exceed $800 billion by 2027, growing as consumers and governments shift towards green mobility. India alone is seeing a surge in demand for affordable EVs.
- **India’s Retrofitting Market:**
- The retrofit market for two-wheelers in India is expected to reach $2 billion by 2025, driven by government incentives and the growing demand for affordable EV alternatives.
- **Target Audience:**
  - Consumers who want to affordably convert their old ICE vehicles to EVs.
  - Fleet operators and delivery services aiming to reduce fuel and maintenance costs by switching to electric fleets.
  - Government and municipalities looking to adopt cleaner transportation solutions for public services and fleets.

OUR PRODUCT & TECHNOLOGY

1. **EV Conversion Kits**

- Modular, cost-effective kits designed to convert existing ICE vehicles into electric vehicles. The kits are easily installed and compatible with multiple vehicle types, including motorcycles and scooters.

2. **Battery Management Systems (BMS):**

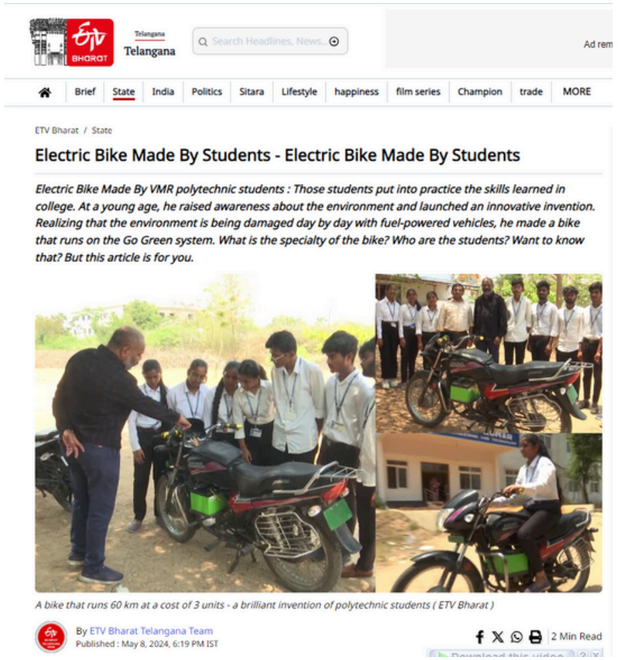
- Our BMS optimizes battery performance, ensuring longer battery life, improved safety, and better performance for retrofitted vehicles.

3. **Emergency Battery Solutions:**

- We provide portable emergency batteries that can be used in remote locations, ensuring vehicle owners have reliable power even when charging stations are unavailable.

4. **AI-Powered Optimization:**

- Our AI system monitors and optimizes battery usage, vehicle diagnostics, and maintenance to ensure users get the best performance at lower operational costs.



OUR BUSINESS MODEL

1. **Conversion Kits Sales:**
- Revenue from the sale of affordable retrofit kits for individual consumers, businesses, and fleet operators.
2. **Battery Solutions Sales:**
- Additional revenue from the sale of portable emergency batteries for customers in areas with limited charging access.
3. **Subscription Model:**
- Monthly subscriptions for AI-driven vehicle diagnostics, battery optimization, and performance monitoring for both individual consumers and fleet operators.
4. **Partnerships with Dealerships & Mechanics:**
- Revenue sharing agreements with local dealerships and mechanics for kit installations and servicing.
5. **Government Subsidies & Incentives:**
- Leveraging government subsidies for EV adoption to reduce costs and make the solution more affordable for the end consumer.

GO-TO-MARKET STRATEGY

1. **Pilot Testing and Local Launch:**
- Launch in high-density urban areas where EV adoption is growing and demand for conversion kits is high.
2. **Strategic Partnerships:**
- Collaborate with automotive manufacturers, delivery companies, and fleet operators to create bulk conversions and expand reach.
3. **Government and Corporate Partnerships:**
- Collaborate with government bodies and municipal fleets to offer affordable electric vehicle retrofitting as part of public sector electrification efforts.
4. **Online and Local Distribution Channels:**
- Use e-commerce platforms, local dealerships, and mechanics for direct sales and kit installation services.

OUR PROGRESS

1. **Prototype Development:**

- Successfully converted an ICE motorcycle into an electric bike, featuring 60 km range and reverse mode functionality.

2. **Market Validation:**

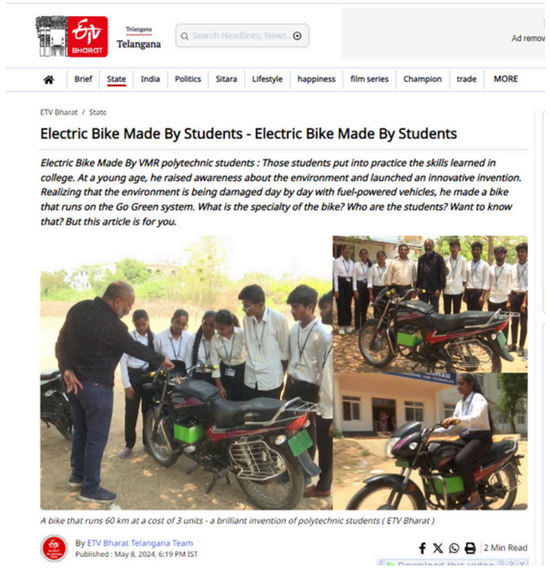
- Strong interest from local communities and delivery businesses who want to convert their vehicles into electric alternatives.

3. **Media Exposure:**

- Featured on ETV Yuva, showcasing our innovative solution and increasing local awareness.

4. **Partnerships:**

- Secured partnerships with fleet operators and mechanics for initial installations and customer outreach.



FINANCIAL PROJECTIONS

1. **Year 1-2:**
- Focus on product development, early-stage testing, and market entry. Projected revenue: ₹50 Lakhs.
2. **Year 3-5:**
- Expand product offerings and infrastructure. Projected revenue: ₹5 Crores through increased conversions and charging stations.
3. **Year 5-7:**
- Achieve profitability and expand into new markets. Projected revenue: ₹15 Crores through scaling product distribution, fleet partnerships, and government projects.

OUR TEAM

Saikoushik Nalubola

Founder & CEO

Phaneendra Gullapelli

Co-Founder & COO

Ashrad Mohammad

CTO

Siddhartha Pagidi

Co-Founder & CMO

FUNDING REQUEST

We are seeking ₹1.5 Crore in funding to scale ReVitalize. These funds will be allocated as follows:

1. **Product Development & Scaling (₹60 Lakhs)**
   - Manufacturing of EV conversion kits and Battery Management Systems (BMS).
   - Prototyping and refining the product for mass production.
2. **Charging Infrastructure (₹40 Lakhs)**
   - Installation of charging stations in high-demand areas.
   - Setting up charging infrastructure partnerships.
3. **Marketing & Customer Acquisition (₹25 Lakhs)**
   - Digital marketing campaigns to drive awareness and sales.
   - Building sales teams for B2B and B2C outreach.
4. **R&D for AI & Optimization (₹20 Lakhs)**
   - Development of AI-powered diagnostics and performance optimization software.
5. **Expansion & Infrastructure (₹30 Lakhs)**
   - Scaling operations and establishing regional offices.
   - Expanding logistics and customer support for nationwide reach.

THANK YOU

Join Us in Revolutionizing Sustainable Mobility

ReVitalize

RELY THE POWER

Call to Action:

- We’re excited to take ReVitalize to the next level and would love for you to be part of this journey toward sustainable transportation.

Contact Information:

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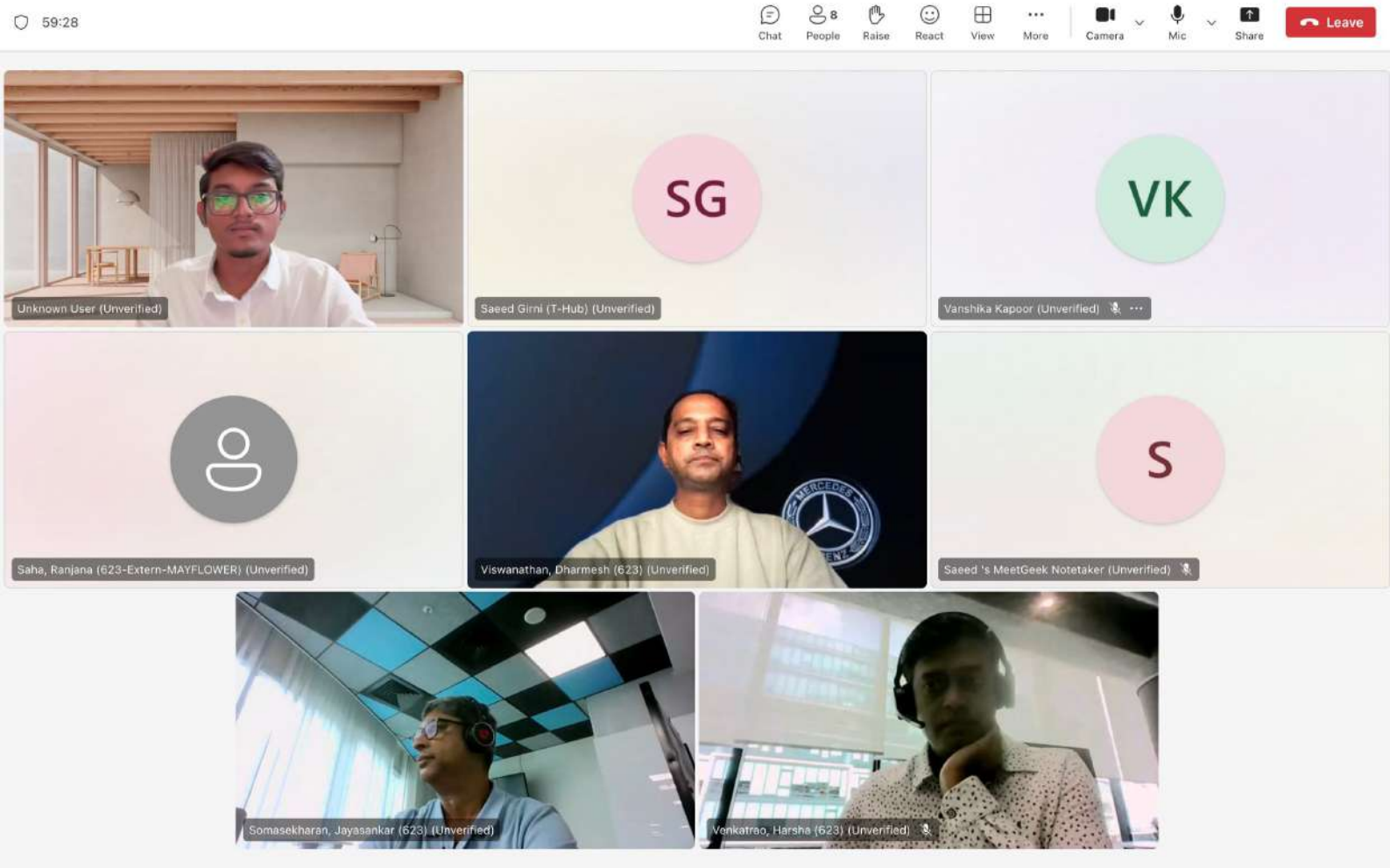
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