

# UrbanEV – Pakistan’s Sustainable Mobility Revolution

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## 1. Cover Page

- **Logo / Prototype Image** (if available)
  - **Title:** UrbanEV – Solar-Assisted Electric Vehicles
  - **Tagline:** Smart. Sustainable. Built for Pakistan.
  - **Founder:** Medhat Ullah, 18, Visionary Innovator
  - **Contact:** Email / Website / LinkedIn
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## 2. Executive Summary

UrbanEV is on a mission to **redefine urban mobility in Pakistan**. Our solar-assisted electric vehicles combine **sustainability, efficiency, and smart design** to create city transport solutions that are affordable, environmentally friendly, and tailored for local conditions.

We are building:

- Solar-assisted EV scooters and e-bikes
- Compact city EV cars
- Autonomous e-bike prototypes

Our goal is to **demonstrate a working prototype**, attract early adopters, and scale into Pakistan’s first local EV ecosystem.

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### 3. Problem Statement

- Pakistan’s urban streets are congested, polluted, and fuel costs are rising.
- Current scooters and vehicles are mostly **fuel-powered and inefficient**.
- EV adoption is limited due to high cost, lack of local adaptation, and absence of sustainable options.

**Opportunity:** UrbanEV solves these problems with **affordable, solar-assisted, and locally optimized EVs**.

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### 4. Our Solution

Vehicle Type	Features	Range / Specs
Solar-Assisted EV Scooter	Lightweight, solar panels on roof, battery-powered, app connectivity	60–80 km per charge
Compact City EV Car	2–4 seats, solar-assisted, lightweight, urban-optimized	100 km range, 60–80 km/h
Autonomous E-Bike (Prototype)	GPS-guided, obstacle detection, semi-autonomous	Proof-of-concept for last-mile delivery

**Key Benefits:**

- Renewable energy integration (solar)
  - Affordable, locally serviceable
  - Smart features for safety and navigation
  - Scalable to multiple urban mobility solutions
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### 5. Market Opportunity

- Pakistan has **40+ million urban commuters** in cities with high congestion.
  - EV adoption is **growing globally**; Pakistan is entering a green mobility phase.
  - Target market: students, urban professionals, delivery services, and early adopters.
  - Potential revenue: **millions per year** with initial pilot adoption.
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## 6. Traction / Progress

- UrbanEV website launched: [urban-ev.vercel.app](http://urban-ev.vercel.app)
  - Prototype design completed (CAD & conceptual models)
  - Early local interest and community engagement
  - Initial team formation: engineers, designers, and mentors
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## 7. Technology & Innovation

- **Solar-assisted energy** to supplement battery life
  - **Electric drive systems** optimized for city commuting
  - **Lightweight, durable frames** suitable for Pakistani roads
  - **Semi-autonomous navigation for e-bikes**
  - **Mobile app integration** for monitoring battery, solar input, and route planning
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## 8. Team

- **Founder:** Medhat Ullah, 18, visionary entrepreneur

- **Engineering Team:** Mechanical, Electrical, Software (to be hired)
  - **Advisors / Mentors:** You, Investors
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## 9. Roadmap

Phase	Task	Timeline
Phase 1	Design & CAD modeling	1–2 months
Phase 2	Component sourcing & assembly plan	1 month
Phase 3	Prototype build (EV scooter + e-bike)	3–4 months
Phase 4	Testing & optimization	1–2 months
Phase 5	Investor demo & pilot launch	1 month
Phase 6	Scale production & new vehicles	6–12 months

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## 10. Investment Opportunity

- Seeking **seed funding** to complete prototypes and scale initial production.
- Funds will be used for:
  - Battery & motor procurement
  - Solar panel integration
  - Engineering salaries & lab setup
  - Prototype testing & safety certification

- Early investors gain **equity stake in Pakistan's first sustainable urban EV brand.**
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## 11. Call to Action

UrbanEV is more than a vehicle—it's a **movement toward sustainable, smart, and locally optimized urban transport.**

**Invest today and join us in building the future of mobility in Pakistan.**

### Contact:

- Email: [E-mail](#)
  - Website: [urban-ev.vercel.app](https://urban-ev.vercel.app)
  - LinkedIn: <https://www.linkedin.com/in/medhat-ullah-b59207361/>
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