

Gap Analysis-Electric Scooter

Long waiting time for users	Curent state	GAP	Future state	Action plan
Battery Life	25 km per charge	Insufficient range for long commutes	50 km per charge	Upgrade battery technology (higher capacity, better efficiency)
Charging Time	4-6 hours	Long waiting time for users	Less than 2 hours	Implement fast-charging technology
Top Speed	25 km/h	Limited speed for urban commutes	35 km/h	Improve motor power and efficiency
Safety Features	Basic lights and brakes	Higher risk of accidents	Smart braking system, ABS, better lighting	Add ABS, smart sensors, and LED lights
Portability & Weight	15 kg, not easily portable	Difficult for users to carry	Under 10 kg, foldable	Use lightweight materials and improve foldable design
Sustainability	Non-recyclable materials used	High carbon footprint	Eco-friendly, recyclable materials	Adopt sustainable manufacturing processes