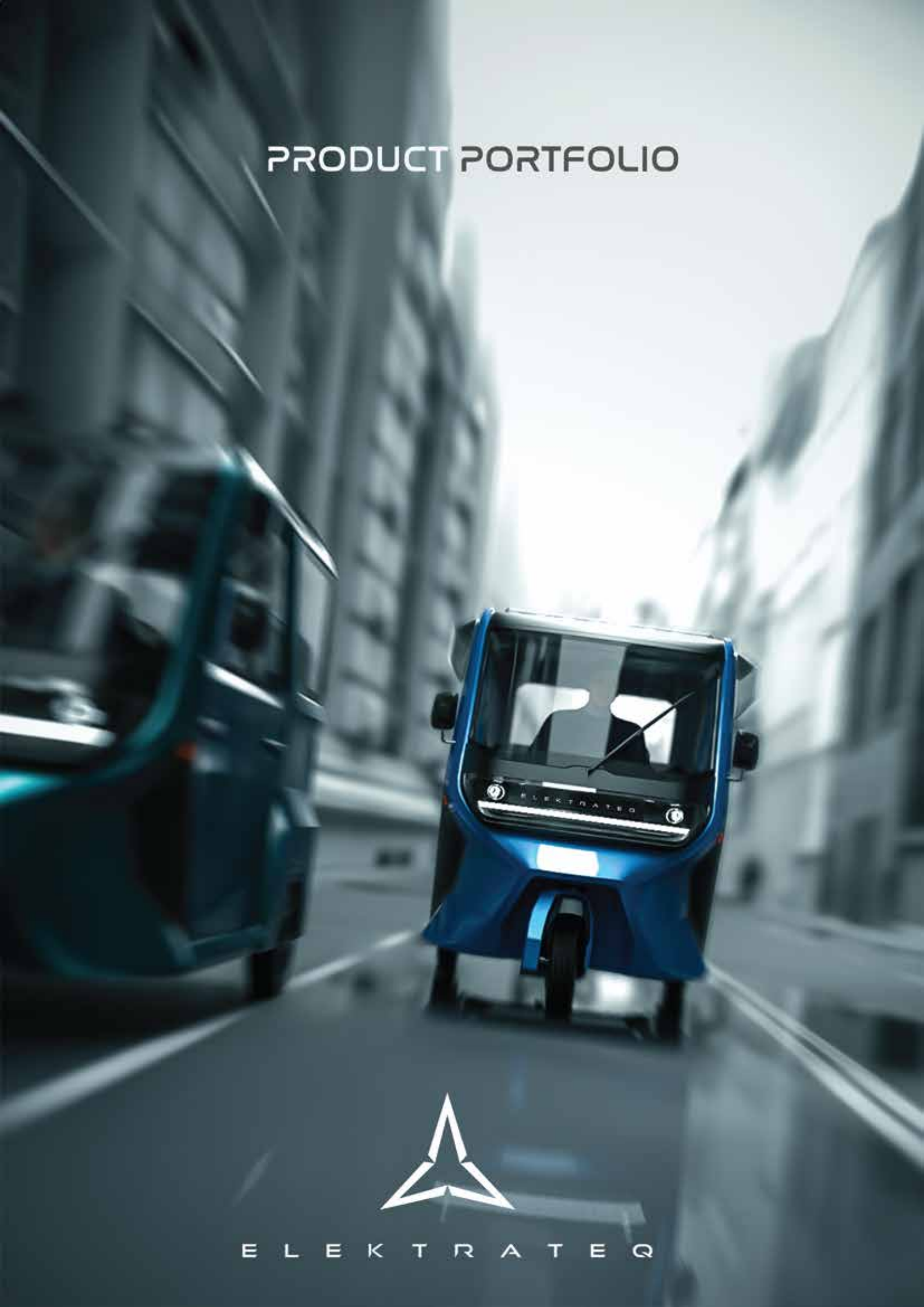
PRODUCT PORTFOLIO
ELEKTRATEQ

Contents


ELEVATING TRANSPORTATION EXPERIENCE

The ETX by Elektrateq (Private) Limited

Elektrateq (Private) Limited, is a fully owned subsidiary of CodeGen International (Pvt) Ltd, with the focus on manufacturing and sale of Electric Three wheelers in Sri Lanka. The Elevating Transportation Experiences (ETX) platform is a groundbreaking solution aimed at providing clean, affordable, and efficient transportation options, particularly in developing countries where tuk-tuks are prevalent.

ETX, meticulously designed to make EV mobility accessible to everyone. With a contemporary aesthetic and a futuristic approach, this three-wheeler isn't just a vehicle; it's a commitment. ETX stands as a symbol of our dedication to crafting an inclusive urban mobility experience, where efficiency meets accessibility.

The ETX is available in four distinct models, each offering unique features and characteristics. These models cater to a wide range of users, from budget-conscious individuals to commercial operators and those seeking luxury in urban transportation.

MODEL 1: ETX-S (Basic Version)

Affordability

The ETX basic version is designed to be the most budget-friendly option in the ETX lineup.

Charging

This model Supports standard L2 charging.

Target Audience

Ideal for those who need an economical electric vehicle for short daily commutes or occasional use, where longer charging times are not a significant inconvenience.

MODEL 2: ETX (Standard Version)

Fast Charging Capabilities

Ėquipped with fast charging infrastructure, allowing it to be fully charged within one hour using fast chargers.

Convenience

Offers a balanced solution with reduced charging time, making it suitable for users with regular and longer travel needs.

MODEL 3: ETX-C (Commercial Version)

Commercial Use

Specifically designed for commercial applications, this model includes rear doors, making it suitable for delivery purposes.
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Fast Charging

Like the standard ETX, this model also features fast charging capabilities, ensuring minimal downtime.

Enhanced Functionality

The inclusion of rear doors improves the vehicle's accessibility, especially for commercial applications, thereby enhancing its versatility for various transportation needs.

MODEL 4 : ETX-L (Luxury Version)

Luxury and Comfort

The ETX-L model is the top-tier offering in the ETX range, focusing on luxury and advanced features.

Four-Door Design

Provides a more car-like experience with easy access for all passengers.

Advanced Air Conditioning

Equipped with an air conditioning system for optimal interior comfort.

Lavish Interior

Features luxurious seats that provide a high level of comfort.

Redefined Urban Mobility

Combines practicality with elegance, making it perfect for those seeking a luxurious and comfortable urban transportation solution.

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ETX - S
Standard

ETX
Fast Charging

ETX - C
Commercial

ETX - L
Luxury

Value Propositions for ETX

- **Sustainability focus**
  - Fully Electric
  - Zero emission
  - Use of sustainable materials
- **Energy efficient**
- **Lower operating cost**
  - LKR 3.50 per km when compared to KR 25 per km for Internal Combustion Engine (ICE)
- **Lower maintenance cost**
  - No need of service oil change
- **Range**
  - 150 km on single charge
- **Performance speed**
  - 70 km/h
- **Durability and Reliability**
- **Space**
  - Extra-large cargo space with split tail gate
  - Ample leg space
- **Comfort**
- **Safety**
  - Reinforced chassis
  - Integrated Roll cage
  - Front and Rear crumple zones
  - Three-point seat belts
  - Headrests
  - Large windscreens
  - ABS
  - Regenerative braking
  - Bright head and tail lights
  - ESC
  - Seat belt reminder
  - Parking sensors
  - Speed warning systems
- **Attractive design**
  - Sleek design with interior panels and exterior light panels
- **Infotainment system**
- **Warranty**
- **Spare parts and maintenance**
- **After sales support**

Our unique proposition

The Elevating Transportation Experiences (ETX) platform is a groundbreaking solution aimed at providing clean, affordable, and efficient transportation options, particularly in developing countries where tuk-tuks are prevalent. With a range of 150 km, a top speed of 70 km/h, and a payload capacity of 500 kg, the ETX is designed to support various body styles, making it suitable for passenger, cargo, or delivery vehicles. This modular and scalable platform can be customized with different features, including solar panels, air conditioning, and infotainment systems.

One of the key features of the ETX platform is its lithium iron phosphate (LFP) battery pack, which offers high safety, long cycle life, and cost-effectiveness. The platform also incorporates advanced technologies such as regenerative braking, cloud connectivity, and remote diagnostics. These features not only enhance efficiency but also contribute to reducing maintenance costs and emissions.

Scheduled to launch in 2024 with the first vehicle being a tuk-tuk, the ETX platform aims to revolutionize the electric three-wheeler market. The ETX tuk-tuk will have lower total cost of ownership compared to conventional tuk-tuks, thanks to its energy efficiency and reduced maintenance requirements.

Vega Innovations' vision extends beyond simply manufacturing vehicles. The ETX platform represents a broader commitment to social and environmental impact. By providing clean, affordable, and efficient transportation options, Vega Innovations aims to improve the livelihoods of millions of people who rely on tuk-tuks for their daily transportation needs. Additionally, the adoption of electric mobility will help combat greenhouse gas emissions and air pollution, making a positive difference for developing countries.

eDrops
Delivery electric bicycle

In addition to the ETX platform, Vega Innovations has other outstanding offerings in its portfolio. The Vega EVX, the first electric supercar in South Asia, boasts impressive specifications, including a range of 300 km, a top speed of 240 km/h, and a remarkable acceleration from 0 to 100 km/h in just 3.1 seconds. With its carbon fiber body, dual-motor drivetrain, and a 40 kWh battery pack, the Vega EVX is a testament to Vega's prowess in creating cutting-edge electric vehicles.

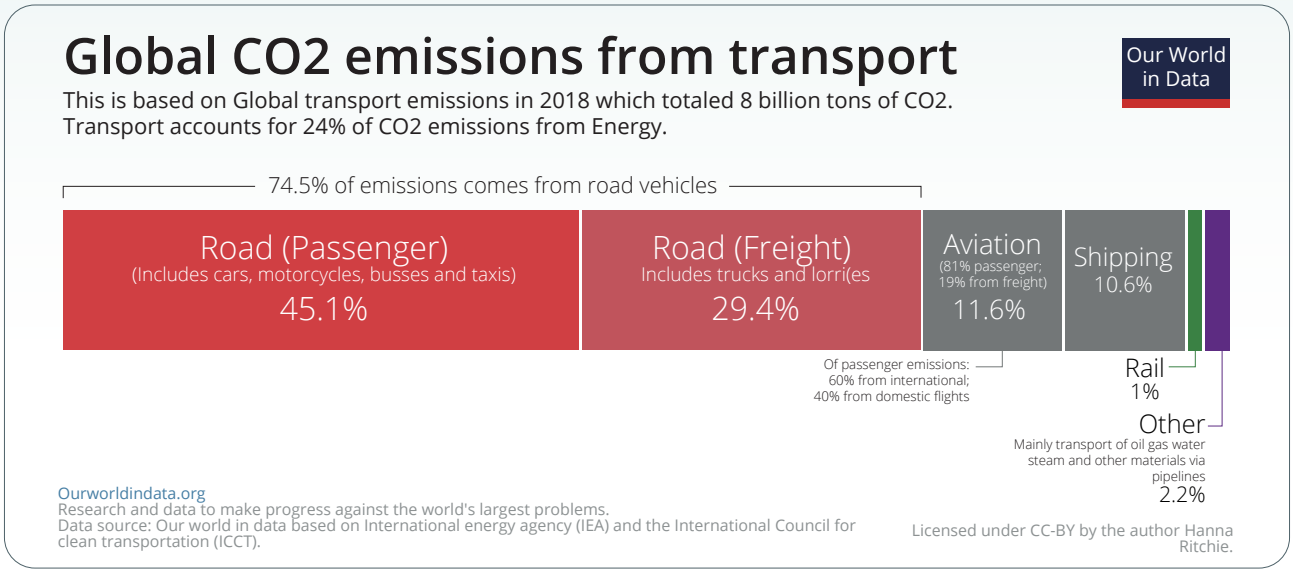
Furthermore, Vega Innovations also specializes in designing and manufacturing electric vehicle components, such as high-performance inverters, drivetrains, and battery packs. Their expertise extends to offering EV research and development (R&D) services to clients globally. Their proven track record and dedication to innovation have earned them numerous awards and accolades.

Vega Innovations' success can be attributed to their collaborative approach.They work closely with government agencies, utility companies, private sector entities, and civil society organizations to promote and facilitate the adoption of their solutions and products. Their dedication to making a positive impact on society and the environment is evident in their mission and commitment to creating global solutions.

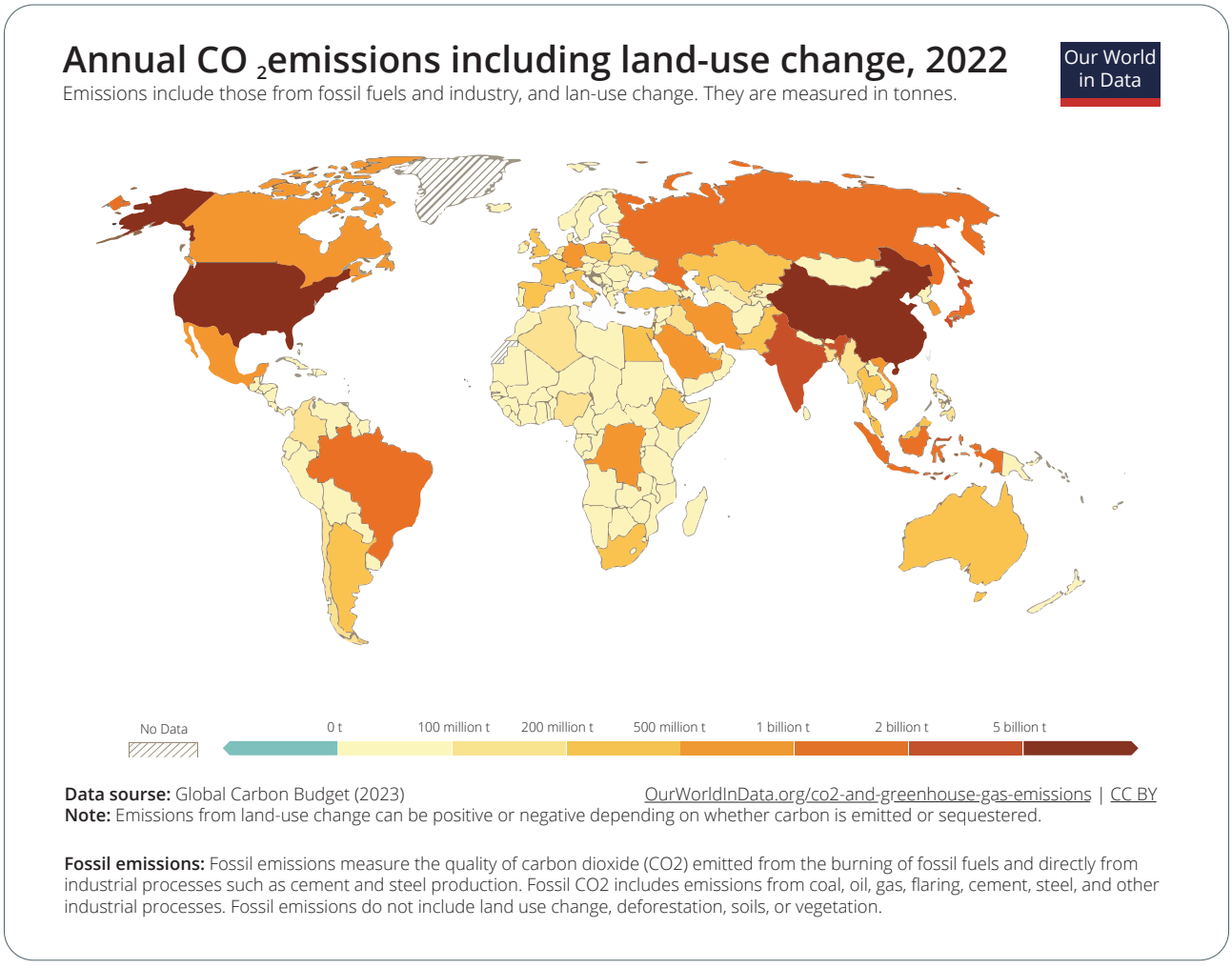
The ETX Elektrateq electric three-wheeler, manufactured by Vega innovations in Sri Lanka, prioritizes safety with a comprehensive suite of features designed to protect both the driver, passengers and the vehicle.

Environmental Concerns

Annual co2 emission by region and co2 emission from each transport:



Source: ourworldindata.org



Source: ourworldindata.org

Petrol Tuk Tuk

Litres of fuel per day	6L
Carbon Emissions per day (6 x 3 kg)	18 kg
Carbon Emission for the year (18kg x 25 days x 12 months)	5,400 kg

ETX

kWh used per day	10 kWh
Carbon Emissions per day	0 kg
Carbon Emission for the year	0 kg

Carbon Saving for each ETX

Carbon Saving per year	5,400 Kg
Carbon saving in 5 years	27 Tonnes

By converting the existing three wheelers, only as a country we can save in excess of 27 Metric Tonnes of CO2 per three wheeler, otherwise would have been released from conventional three wheelers.

As a country, the government can offset these carbon savings and in return make a foreign income to the country (Carbon trading).

The above is only for the current existing three wheelers. However with the addition of motorcycles (currently which is in the range of 4Mn vehicles), the amount of carbon saving will be extremely high, and that can be a high income source for the SL government.

Savings on Fuel

Fuel Saving on Conversions

- Total number of three wheelers in the market - 1,000,000
- Assume each three wheel will travel 100 km per day, thus each three wheel will consume 5 liters of fuel per day, consuming 5 Mn liters of fuel per day.
- Thus the total amount of fuel needed for 1 Mn three wheelers per year will be 1.8 Bn liters of fuel
- If we convert all these three wheelers into Electric one the country will save on this staggering 1.8 Bn liters of fuel per year for the rest of the years.

1000,000
Tuk Tuks
on Road

AVERAGE RUNNING

100 km
per day

FUEL LITERS
SAVED
PER DAY
5 X 1,000,000

The Rise of Electric Three-Wheelers (E3Ws)

Empowering Global Transformation

In the ever-evolving landscape of transportation, the global market for three-wheelers, often hailed as auto-rickshaws or tuk-tuks, is not merely thriving but experiencing a robust surge. Particularly prevalent in developing nations due to their affordability and nimbleness in navigating congested urban landscapes, these three-wheelers are at the forefront of a transformative revolution. Within this dynamic sector, electric three-wheelers (E3Ws) are emerging as a beacon of eco-friendly innovation, poised to redefine conventional vehicular norms.

The Prowess of E3Ws:

Electric three-wheelers present a constellation of advantages on a global scale, paving the way for a paradigm shift in transportation dynamics.

1. Environmental Friendliness

E3Ws leave zero tailpipe emissions in their wake, constituting a powerful ally in the fight against air pollution and climate change. The transition from conventional internal combustion engine (ICE) three-wheelers to electric ones promises a substantial reduction in greenhouse gas emissions, fostering a cleaner, healthier planet.

2. Cost-Effectiveness

Operating on the principle of financial prudence, E3Ws boast lower operating costs compared to their ICE counterparts. The allure lies in the economical consumption of electricity, a stark contrast to the expenses associated with gasoline or diesel. Moreover, the streamlined design of electric vehicles translates to reduced maintenance costs, a testament to their cost-effectiveness over time.

3. Energy Efficiency

Electric motors redefine the landscape of energy utilization, outshining internal combustion engines in efficiency. By diminishing dependence on non-renewable energy sources, E3Ws champion a sustainable transportation system, contributing to the efficient utilization of global resources.

4. Improved Livelihoods

Acting as a lifeline in developing countries, E3Ws emerge as a catalyst for economic empowerment. Offering a cost-effective alternative for transportation and delivery services, these vehicles become the backbone of livelihoods, empowering individuals and propelling local economic growth.

5. Noise Reduction

The quiet hum of electric motors transforms urban soundscapes, presenting a stark contrast to the cacophony of traditional engines. This noise reduction not only enhances the quality of life for drivers but also contributes to a more serene environment for pedestrians, establishing E3Ws as an ideal choice for city living.

6. Public Health Benefits:

Beyond economic and environmental advantages, E3Ws play a pivotal role in public health.
By curbing air pollution, these vehicles pave the way for cleaner air, promising a reduction in respiratory problems, cardiovascular diseases, and other health issues linked to airborne contaminants.

7. Sustainability and Climate Action:

Embracing E3Ws aligns seamlessly with global sustainability goals, driving the transition towards clean energy and mitigating the impacts of climate change. These vehicles represent a tangible commitment to decarbonizing the transportation sector, fostering a more sustainable future.

8. Technological Innovation:

The burgeoning E3W industry catalyzes advancements in battery technologies and charging infrastructure. This technological surge not only propels the electric vehicle sector forward but also opens new horizons for research and development, promising a future marked by continuous innovation.

In essence, these are but a glimpse into the myriad positive facets of electric three-wheelers. Their potential to revolutionize transportation, elevate environmental conditions, and fortify local economies on a global scale is nothing short of extraordinary. As the wheels of progress turn towards a sustainable future, E3Ws stand as beacons of innovation, driving us towards a transformative era in global mobility.

ETX

Revitalizing Urban Mobility in South Asia

Over 34,000,000
Tuk Tuks across South ASIA

Over 61,943,678,840 Tonnes
Green house gas emmisions by 2030

Fresh take on sustainable transportation

OCCUPY LESS

Quick and agile

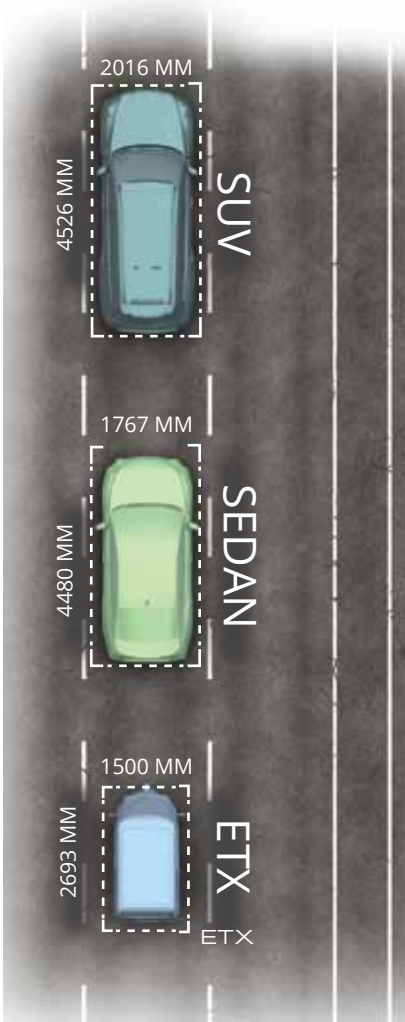
ETX

MINIMUM TURNING RADIUS
4 M

SEDAN

MINIMUM TURNING RADIUS
10.7 M

Maneuver through crowded streets and navigate tight spaces effortlessly, reducing congestion and making your urban commute smoother. Feel the freedom of efficient mobility as the ETX takes less space, leaving room for a more harmonious and fluid cityscape.



Economical Transport

Vega Electric Three Wheeler, model Elektrateq, is well-positioned to secure a significant segment of the three-wheeler market due to several factors:

Electric Vehicle Trend:

With the global focus shifting towards environmental sustainability and reducing carbon emissions, there is a growing demand for electric vehicles (EVs) appealing to environmentally conscious consumers.

Efficient and Cost-effective:

The Elektrateq offers several advantages over traditional combustion engine-powered three-wheelers with more energy-efficient, lower operating costs, and require less maintenance compared to their gasoline counterparts.

Range and Performance:

The range and performance of electric vehicles have significantly improved in recent years. By leveraging advancements in battery technology, the Elektrateq offers a respectable range on a single charge, ensuring it can meet the daily transportation needs of users without concerns about recharging frequently.

Durability and Reliability:

Vega, as a reputed electric vehicle manufacturer, is committed to building durable and reliable vehicles. The Elektrateq undergoes rigorous testing and quality checks to ensure its performance and longevity, giving customers confidence in their investment.

Engineering and Design:

The Elektrateq features a well-designed and aesthetically pleasing exterior, offering a modern and attractive appearance. Additionally, the design takes into account practicality and functionality, ensuring a comfortable, safe and ergonomic user experience.

After-sales Support:

Vega understands the importance of after-sales support in building customer satisfaction and loyalty. Providing a robust after-sales network, including readily available spare parts, maintenance services, and customer support, ensures a positive ownership experience for Elektrateq users.

Market Penetration:

Vega's existing market presence gives the Elektrateq an advantage in terms of brand recognition and distribution channels. Capitalizing on that recognition and leveraging their dealership network, Vega can effectively penetrate the three-wheeler market and capture a significant share of customers seeking reliable, energy-efficient, and cost-effective transportation solutions.

What makes ETX different among other tuks?

Modern design and aesthetics

Safety ensuring crumple zone

Strong space frame chassis

Easy maneuverability

Spilt tail gate for large cargo

Ample leg space

Quick passenger to cargo conversion

Modular Design

Spectacular Cargo Space

ETX ETX-L

Uncompromised Performance

LFP

72V

Liquid Cooling

Specifications

Range	150 Km
Power	10kW
Top Speed	60 km/h

Some of the comprehensive safety features that elevate Elektrateq are:

Structural Safety

- ✓ **Reinforced Chassis:** The Elektrateq's chassis is constructed from high-strength steel, providing a robust foundation for the vehicle. This sturdy frame absorbs impact energy effectively, minimizing the severity of collisions.

- ✓ **Integrated Roll Cage:** A reinforced roll cage seamlessly integrates into the vehicle's structure, creating a protective cocoon around the driver in case of rollover accidents. This feature significantly reduces the risk of head and neck injuries.

- ✓ **Front and Rear Crumple Zones:** Engineered crumple zones at the front and rear of the vehicle absorb impact energy, gradually dissipating it away from the passenger compartment. This design helps minimize damage to the vehicle and its occupants during frontal and rear-end collisions.

Passive Safety Features

- ✓ **Three-Point Seatbelts:** The ETX features three-point seatbelts, ensuring that the driver is securely restrained in the event of a sudden stop or collision. This crucial safety feature reduces the risk of occupant ejection and potential injuries.

- ✓ **Headrests:** Adjustable headrests provide effective support for the driver head and neck, minimizing whiplash injuries in rear-end collisions.

- ✓ **Large Windscreen:** A large, panoramic windshield provides excellent visibility, allowing the driver to clearly see the road ahead and surrounding traffic, reducing the risk of accidents caused by limited visibility.

Active Safety Features

- ✓ **Anti-Lock Brake System (ABS):** ABS prevents wheel lock-ups during hard braking, maintaining vehicle control and steering stability, especially on slippery surfaces. This feature reduces the risk of skids and loss of control.

- ✓ **Regenerative Braking:** Regenerative braking converts the kinetic energy generated during braking back into electricity, storing it in the battery and extending the vehicle's range. This energy-efficient system also provides additional braking force, enhancing overall vehicle control.

- ✓ **Bright LED Headlights and Tail Lights:** High-intensity LED headlights and tail lights provide excellent illumination, ensuring clear visibility for the driver and enhancing the vehicle's visibility to other road users, especially in low-light conditions.

- ✓ **Electronic Stability Control (ESC):** ESC helps maintain vehicle stability in challenging driving conditions, such as cornering or sudden maneuvers. This system monitors vehicle dynamics and applies corrective braking or engine power adjustments to prevent skidding or loss of control.

Driver Alert Systems

- ✓ **Seatbelt Reminder:** A visual and audible reminder prompts the driver to fasten their seatbelt, emphasizing the importance of this crucial safety measure.

- ✓ **Parking Sensors:** Rear parking sensors detect obstacles behind the vehicle, providing audible warnings to alert the driver, reducing the risk of parking accidents.

- ✓ **Speed Warning System:** A speed warning system alerts the driver when exceeding the set speed limit, promoting responsible driving habits and reducing the risk of speeding-related accidents

The Elektrateq electric three-wheeler's comprehensive safety features set a new standard in the Sri Lankan three-wheeler market. By prioritizing safety and incorporating a range of advanced technologies, Vega and Codegen demonstrate their commitment to providing a safe and secure transportation solution for Sri Lankan commuters.

Market Assessment

The Global Three-Wheeler Market
A Thriving Industry with Sustainable Growth Potential

The global three-wheeler market is poised for significant growth in the coming years, driven by a confluence of factors, including urbanization, rising disposable incomes, and the increasing demand for last-mile delivery services. This growth is expected to be particularly pronounced in Asia Pacific, where the market is already dominant and governments are actively promoting the adoption of electric three-wheelers. The global three-wheeler market is expected to reach a value of $10.7 billion by 2030, with an annual growth rate (CAGR) of 10.9%.

Key Market Drivers

- **Urbanization:** The growing concentration of people in urban areas is creating a surge in demand for affordable and efficient transportation solutions. Three-wheelers, with their compact size and manoeuvrability, are well-suited for navigating congested city streets and providing convenient last-mile connectivity.

- **Rising Disposable Incomes:** As incomes rise, individuals and businesses are increasingly turning to three-wheelers for personal and commercial use. Three-wheelers offer a cost-effective and practical mode of transportation, making them an attractive option for a wider range of consumers.

- **Last-Mile Delivery:** The rapid growth of e-commerce has fuelled the demand for last-mile delivery services. Three-wheelers, due to their ability to navigate narrow streets and reach customers in dense urban areas, are particularly well-suited for this segment of the transportation industry.

Regional Market Outlook

- **Asia Pacific:** Asia Pacific is the undisputed leader in the three-wheeler market, accounting for over 79.8% of the global market share. This dominance is attributed to the region's large population, rapid urbanization, and strong government support for electric three-wheelers.

- **Europe and North America:** While Asia Pacific leads the way, Europe and North America are also expected to witness significant growth in the three-wheeler market. Environmental concerns, government incentives, and the growing adoption of electric three-wheelers are driving market expansion in these regions.

Electric Three-Wheelers: A Promising Segment

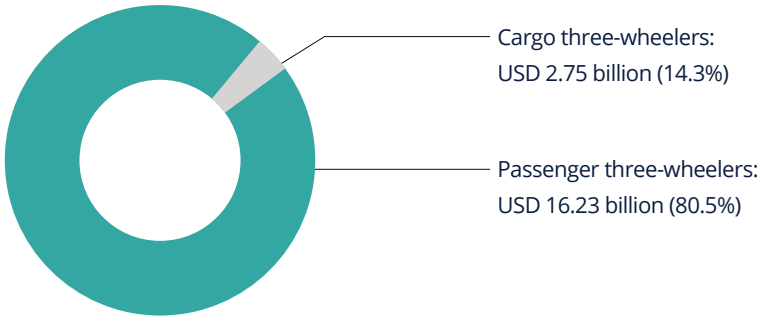
The electric three-wheeler segment is poised for even faster growth than the overall market, with a projected CAGR of 10.9%. This rapid growth is fuelled by several factors, including:

- **Rising Demand for Eco-Friendly Mobility:** Environmental concerns and government policies promoting sustainable transportation are driving the adoption of electric three-wheelers. These vehicles offer a cleaner and more environmentally friendly alternative to traditional three-wheelers powered by internal combustion engines (ICE).

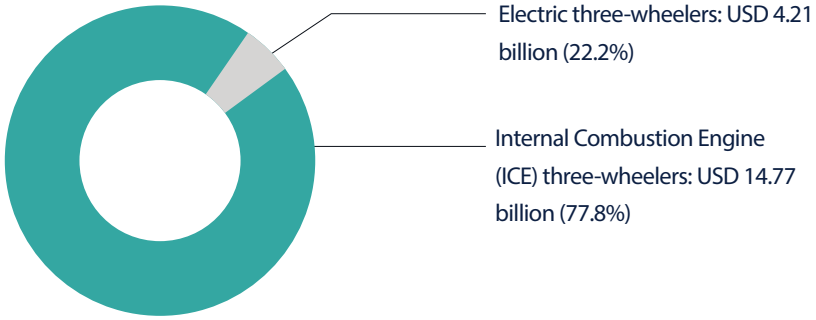
- **Technological Advancements:** Advancements in battery technology and electric motors are making electric three-wheelers more efficient, affordable, and practical. This is increasing their attractiveness to consumers and businesses.

- **Expanding Infrastructure:** Governments and companies are investing in expanding charging infrastructure for electric vehicles, making them more accessible and convenient for users. This is further accelerating the adoption of electric three-wheelers.

Market Share by Three-Wheeler Type



Market Share by Fuel Type



Key competitors and their products

Global Three-Wheeler Market: A Factual Summary for Investors
Market Size: US$10.7 billion in 2023, projected to reach US$21 billion by 2030 (CAGR: 10.9%)
Key Drivers: Fuel efficiency, cost-effectiveness, versatility, rising demand for electric three-wheelers due to sustainability concerns and government incentives.
Sources: Grand View Research, Allied Market Research

Regional Breakdown:
Asia-Pacific: Largest market driven by high demand in India, China, and Southeast Asia
Latin America: Strong growth due to increasing urbanization and e-commerce penetration
Africa: Rising disposable incomes and improving infrastructure favor three-wheeler adoption
Europe: Smaller market with focus on electric three-wheelers for inner-city mobility
North America: Limited market, largely for niche applications like tourism and agriculture

The competition in the electric three-wheeler market is quite diverse, with established players, new startups, and even traditional ICE automakers vying for a share of the pie. Presently there is no direct competition in the SL market for the ETX. On the contrary Some small cars have been launched that could be potential competitors for ETX. However, these small cars have significantly higher market prices compared to the ETX.

Major Producers/Manufacturers:
Bajaj Auto Ltd (India): Largest global player, known for "Bajaj Auto rickshaws"
Piaggio & C. SpA (Italy): Strong presence in Europe and Asia, famous for "Ape" three-wheelers
TVS Motor Company Limited (India): Major competitor to Bajaj, focusing on both passenger and cargo segments
Mahindra & Mahindra Limited (India): Diversified conglomerate entering the three-wheeler market with electric models
ChongQing Zongshen Tricycle Manufacturing Co., Ltd. (China): Leading Chinese manufacturer with a strong domestic market share

Regional Sizes per Producer/Manufacturer:
Bajaj Auto: Strongest in India and Africa, growing presence in Latin America
Piaggio: Europe is its core market, also present in Asia and Latin America
TVS Motor: Focuses on India and Southeast Asia, expanding into Latin America
Mahindra & Mahindra: Mainly caters to the Indian market with electric three-wheelers
ChongQing Zongshen: Primarily active in China and Southeast Asia

List of electric three-wheeler manufacturers, including those from China and other countries:

Country	Maufacturer	Products
China	Dongfeng Motor Corporation Yutong Bus Changzhou Yufeng Vehicle Co., Ltd. Xianghe Qiangsheng Electric Tricycle Factory Jiangsu East Yonsland Vehicle Manufacturing Co.	Dongfeng Aeolus EV50, Dongfeng EQ1063 Yutong YCK6110, Yutong YCK6120 Yufeng YF50, Yufeng YF50 Plus Qiangsheng QS50, Qiangsheng QS50 Plus Yonsland YL50, Yonsland YL50 Plus
India	Bajaj Auto Mahindra Electric Hero Electric TVS Motor Company Atul Auto Sun Mobility	Bajaj Qute, Bajaj Chetak, Bajaj Maxima Mahindra Treo, Mahindra Treo Yaari, Mahindra Treo Zor Hero Photon, Hero Dash, Hero Optima TVS iQube E3 Atul Mileage Saver Swappable battery technology for electric three-wheelers
Italy **Thailand** **Vietnam** **Indonesia**	Piaggio Thai Union Group VinFast Viar	Piaggio Ape E-City Tuk Tuk VinFast Imperia Viar Q1

Revenue streams

Sales Income

When developing and selling electric three-wheelers in the global market, there are a few areas of income that you can consider:

Vehicle Sales

The primary source of income comes from selling electric three-wheelers directly to customers or through dealerships. Revenue is generated from the sale of the vehicles themselves, which can vary based on the pricing, volume of units sold, and market demand.

After-Sales Service

Offering after-sales services such as maintenance, repairs, and spare parts can be a significant source of income. Providing reliable and efficient service will help build customer loyalty and create a recurring stream of revenue.

Battery and Charging Infrastructure

As electric three-wheelers rely on batteries for power, there is potential to generate income by providing battery sales or leasing options. Additionally, you could offer charging infrastructure solutions, such as charging stations, for electric three-wheelers. These could be monetized through various charging models, such as pay-per-use or subscription plans.

Licensing and Technology Transfer

If your electric three-wheeler incorporates unique technologies or intellectual property, you may consider licensing or transferring these technologies to other manufacturers or partners. This can generate income through licensing fees or royalties.

Partnerships and Collaborations

Exploring partnerships with other companies or organizations in the electric vehicle ecosystem can create additional income opportunities. This may include joint ventures, strategic alliances, or collaborations for manufacturing, distribution, or research and development.

Green Incentives and Subsidies

In some regions, governments and local authorities offer incentives and subsidies for adopting electric vehicles. Take advantage of these programs to potentially increase your income by accessing grants, subsidies, or tax benefits.

New Business Models

Transforming the Transportation Landscape with the Elektrateq Electric Three-Wheele

The Elektrateq's versatility extends far beyond its conventional role as a passenger vehicle, unlocking a myriad of opportunities to reshape the transportation landscape across diverse sectors. Here's an all-encompassing plan delineating the potential applications of the Elektrateq in non-three-wheeler domains:

1. Last-Mile Delivery:

The compact size, maneuverability, and electric powertrain make it an ideal candidate for last-mile delivery services. Forming strategic alliances with courier companies, e-commerce platforms, and grocery delivery services could firmly establish the Elektrateq as the preferred choice for last-mile deliveries.

2. Cargo Transportation:

The Elektrateq's adaptable design can be tailored to meet cargo transportation needs. Outfitted with a cargo box or flatbed, the Elektrateq becomes a versatile option for transporting goods in urban and rural settings. This adaptability renders it suitable for local businesses, delivery services, and even farmers transporting produce and other goods.

3. Medical Transportation:

With its comfortable seating and smooth ride, the Elektrateq is a fitting choice for transporting patients and healthcare personnel. Its electric powertrain ensures quiet operation, reducing noise pollution and enhancing patient comfort. Collaborations with hospitals, clinics, and ambulance services could establish the Elektrateq as the preferred choice for medical transportation.

4. Tourism and Sightseeing:

The open-air design and adept navigation of narrow streets position it as an ideal vehicle for city tours and sight-seeing excursions. Its eco-friendly credentials and quiet operation appeal to tourists seeking sustainable and enjoyable experiences. Partnerships with tour operators, travel agencies, and local tourism boards could establish the Elektrateq as a favored choice for exploring cities and attractions.

5. Shared Mobility Services:

The Elektrateq's compact size, maneuverability, and enclosed cabin make it well-suited for shared mobility services. Its electric powertrain reduces environmental impact, and its affordability appeals to cost-conscious users. Collaborations with ride-hailing companies, car-sharing platforms, and scooter rental services could extend the Elektrateq's reach, establishing it as a convenient and sustainable mode of urban transportation.

6. Remote Area Transportation:

The Elektrateq's electric powertrain eliminates the need for fuel infrastructure, making it a viable option for providing transportation in remote areas with limited access to fossil fuels. Its ability to operate on narrow and unpaved roads makes it suitable for rural communities and regions lacking developed transportation networks.

7. Recreational Applications:

The Elektrateq's open-air design, quiet operation, and enclosed cabin make it an enjoyable vehicle for recreational activities such as golf cart rentals, beach shuttles, and park tours. Its eco-friendly credentials align with growing consumer preferences for sustainable leisure activities. This versatility makes it an attractive alternative to motorcycles and scooters for those seeking a more comfortable and enclosed experience.

In addition to these potential applications, the Elektrateq's versatility could also extend to specialized areas such as:

Security Services

The Elektrateq's enclosed cabin and maneuverability could make it suitable for security patrols in urban areas and gated communities.

Logistics and Warehouse Operations

The Elektrateq's ability to carry cargo and its electric powertrain could make it a valuable tool for transporting goods within warehouses and logistics facilities. Accessories and modifications are available to accommodate different cargo needs. Emphasize the Elektrateq's ability to handle heavier loads compared to traditional two-wheelers.
By capitalizing on its versatility and adaptability, the Elektrateq electric three-wheeler has the potential to transform the transportation landscape in diverse sectors, promoting sustainable mobility, enhancing safety, and providing a unique and enjoyable experience for individuals and communities worldwide.

Airport Ground Transportation

The Elektrateq's compact size and quiet operation could make it an ideal option for transporting passengers and luggage within airport terminals.

8. Promoting Comfort and Weather Protection:

The Elektrateq's enclosed cabin offers a significant advantage over open motorcycles and scooters, providing protection from the elements and enhancing comfort during rides. Emphasize these benefits to attract riders seeking a more comfortable and weather-protected riding experience.

How last-mile drops has become a strong business proposition

Last-mile delivery is the final leg of the delivery process, which involves transporting goods from a central location to the end customer. In recent years, last-mile delivery has become a critical component of the supply chain, especially for e-commerce businesses.
Currently we operate eDrops a fully owned subsidiary of CodeGen to deliver the essentials to our esteemed customers and we utilize a fleet of 9 ETX for this operation. eDrops is in the process of expanding its business to cover a larger area, specifically the greater Colombo and suburbs. With the expansion, there are plans to increase the fleet of ETX owned by eDrops.
Several factors have contributed to the rise of last-mile delivery as a strong business proposition:

1. Growth of E-commerce

The rapid growth of e-commerce has driven the demand for last-mile delivery services. As more consumers shop online, there is a growing need for efficient and reliable delivery solutions to get products to their doorsteps.

2. Rising Consumer Expectations

Consumers have increasingly high expectations for delivery services. They want their orders delivered quickly, accurately, and conveniently. Last-mile delivery providers that can meet these expectations are well-positioned for success.

3. Technological Advancements

Technological advancements have made it possible to optimize last-mile delivery operations. Route optimization software, delivery tracking systems, and mobile applications have all improved the efficiency and effectiveness of last-mile deliveries. eDrops has invested in in-house development for both a user-friendly ordering app and a fleet management web application. These technological advancements contribute significantly to the efficiency and effectiveness of the operations.

4. Increasing Urbanization

The trend towards urbanization has created challenges for traditional last-mile delivery methods. Congestion, limited parking, and environmental concerns have made it more difficult to deliver goods using traditional methods. Last-mile delivery providers that can adapt to these challenges are in high demand.

5. Demand for Eco-friendly Solutions

Consumers are increasingly concerned about the environmental impact of their purchases. Last-mile delivery providers that use electric vehicles, bicycles, or other sustainable transportation methods are appealing to environmentally conscious consumers.

These factors have created a strong business proposition for last-mile delivery services. Companies that can provide efficient, reliable, and eco-friendly delivery solutions are well-positioned to capitalize on the growing demand for these services.

Specific Examples of Strong Last-Mile Delivery Business Propositions:

Amazon Flex
UPS Access Point Network:
Deliv
Instacart

Seamless Synergies

Three wheeler Conversion

In bustling urban landscapes, three-wheelers are the lifeblood of transportation, with millions hustling through busy streets. Recognizing their immense impact on emissions, Vega, as a company dedicated to a sustainable future, takes the lead in providing a greener option. Through our Tuk Tuk EV conversions, we're transforming the most popular transport mode into an eco-friendly solution. Join us in reshaping urban mobility, one converted Tuk Tuk at a time, as we drive towards a future where busy streets are vibrant, bustling, and emission-free.

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ChargeNet

chargeNET
ALL ELECTRIC , SUPER SMART

ChargeNet, a subsidiary of Codegen International Sri Lanka, provides charging infrastructure for electric vehicles (EVs). The company has a network of over 100 charging stations across Sri Lanka. In 2023, ChargeNet announced that it would be expanding its network to include charging for electric three-wheelers, motorbikes, and scooters.

The launch of the Elektrateq and the expansion of ChargeNet are a natural synergy. The Elektrateq is a great vehicle for urban commuters, and ChargeNet's network of charging stations will make it easy for Elektrateq owners to keep their vehicles charged. In addition, the expansion of ChargeNet to include charging for electric three-wheelers, motorbikes, and scooters will help to promote the adoption of electric vehicles in Sri Lanka.

EV Chargers

Having a range of EV chargers as part of your electric three-wheeler offering can provide several benefits and Currently we have a network of 600 L2 chargers which can be utilized for the ETX. The upcoming combined fast charger supporting Chademo, CCS, and ETX fast charging is a significant milestone. Offering compatibility with multiple fast-charging standards ensures broader usability and attracts a diverse range of electric vehicles.
This initiative reflects a commitment to advancing electric vehicle (EV) infrastructure, providing more charging options for users, and contributing to the global shift towards sustainable transportation.
strengths for your business and your customers. Here are some possible value propositions:

1. Increased sales of Elektrateq three-wheelers: ChargeNet's extensive network of charging stations will make it easier for Elektrateq owners to keep their vehicles charged, which is likely to lead to increased sales of Elektrateq three-wheelers.

2. Increased charging revenue for ChargeNet: As the number of Elektrateq three-wheelers on the road increases, so will the demand for charging services. This will lead to increased charging revenue for ChargeNet.

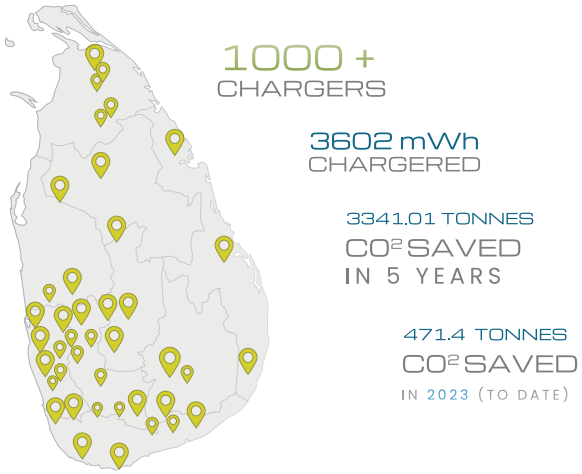
3. Cross-promotional opportunities: The Group of companies and ChargeNet can cross-promote each other's products and services. For example, Codegen International Sri Lanka could offer discounts on Elektrateq three-wheelers to ChargeNet members.

4. Data-driven marketing: ChargeNet can collect data on how Elektrateq owners use its charging stations. This data can be used to target marketing campaigns and sales efforts.

5. Joint development of new products and services: Codegen International Sri Lanka and ChargeNet can work together to develop new products and services that meet the needs of Elektrateq owners. For example, they have developed a mobile app that allows Elektrateq owners to find charging stations and track their charging history.

6. Increased brand awareness: The partnership between Codegen International Sri Lanka and ChargeNet will help to raise the profile of both companies. This will make it easier for them to attract new customers established brand.

First & Largest EV chaging Network in Sri Lanka



Our EV charging network is global

Sri Lanka's Largest
EV charging network

INDIA EVCOSMOS

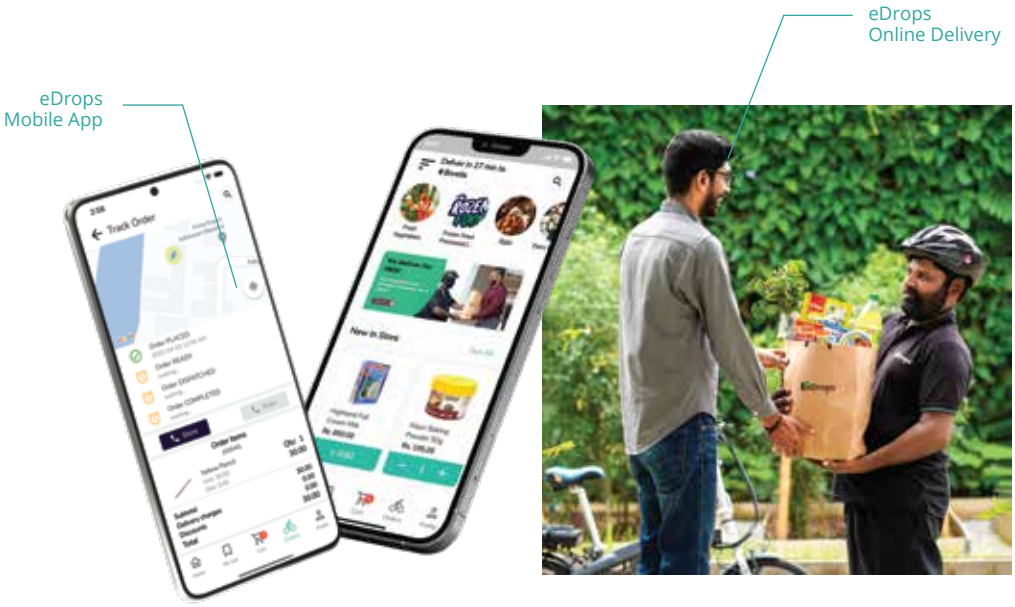
GEORGIA GREEN CHARGE

KENYA CHARGENET KENYA

eDrops is an Online Grocery Delivery Store, a subsidiary of CodeGen International, and Sri Lanka's first grocery app to deliver goods solely through electric bikes and electric tuks.

eDrops is all about convenience and eco-friendly practices, bringing daily essentials to your doorstep with a clean and green conscience. Our staff at the store and riders are committed to serving you throughout the day, so you can simply relax and expect your goods in under 30 minutes.

Currently the eDrops company owns 9 ETX's and 4 electric bicycles and is expecting to increase the fleet to 20 ETX.



Converting Motorcycle and Scooter Owners to the Elektrateq Electric Three-Wheeler

Motorcycle and scooter owners constitute a substantial portion of the global two-wheeler market, and their conversion to the Elektrateq electric three-wheeler presents a promising opportunity to expand its market reach and promote sustainable transportation. The extra cost that they may have to inquire will be supported through an arrangement with a finance company. Thus, the fuel saving cost can be utilized to pay the finance cost within three years.
To effectively attract these potential customers, a comprehensive strategy should focus on the following key aspects:

1. Addressing Range Anxiety

Range anxiety is a primary concern among potential electric vehicle adopters. Elektrateq's extended range, emphasize its ability to meet the daily commuting needs of most motorcycle and scooter owners.

2. Emphasizing Cargo Capacity

Many motorcycle and scooter owners utilize their vehicles for carrying goods and equipment. Elektrateq's cargo capabilities, showcase the various accessories and modifications available to accommodate different cargo needs.

3. Promoting Comfort and Weather Protection

The Elektrateq's enclosed cabin offers a significant advantage over open motorcycles and scooters, providing protection from the elements and enhancing comfort during rides.

4. Highlighting Safety Features

The Elektrateq's comprehensive safety features, including its robust chassis, roll cage, and advanced braking systems, provide a significant advantage over traditional two-wheelers.

5. Offering Attractive Incentives

Provide financial incentives, such as discounts, rebates, or preferential financing options, to encourage the switch from motorcycles and scooters to the Elektrateq. These incentives can help overcome the initial cost barrier and make the Elektrateq more attractive to potential buyers.

6. Targeting Specific User Groups

Identify specific user groups within the motorcycle and scooter community, such as delivery personnel, tradespeople, and urban commuters, and tailor marketing messages and incentives to address their specific needs and preferences.

7. Leveraging Partnerships

Collaborate with motorcycle and scooter dealers, rental companies, and ride-sharing platforms to promote the Elektrateq and provide opportunities for potential customers to experience its features and benefits firsthand.

8. Engaging in Community Outreach

Participate in motorcycle and scooter events, rallies, and forums to connect with potential customers and showcase the Elektrateq's capabilities. Engage in conversations, address concerns, and provide opportunities for hands-on experiences.

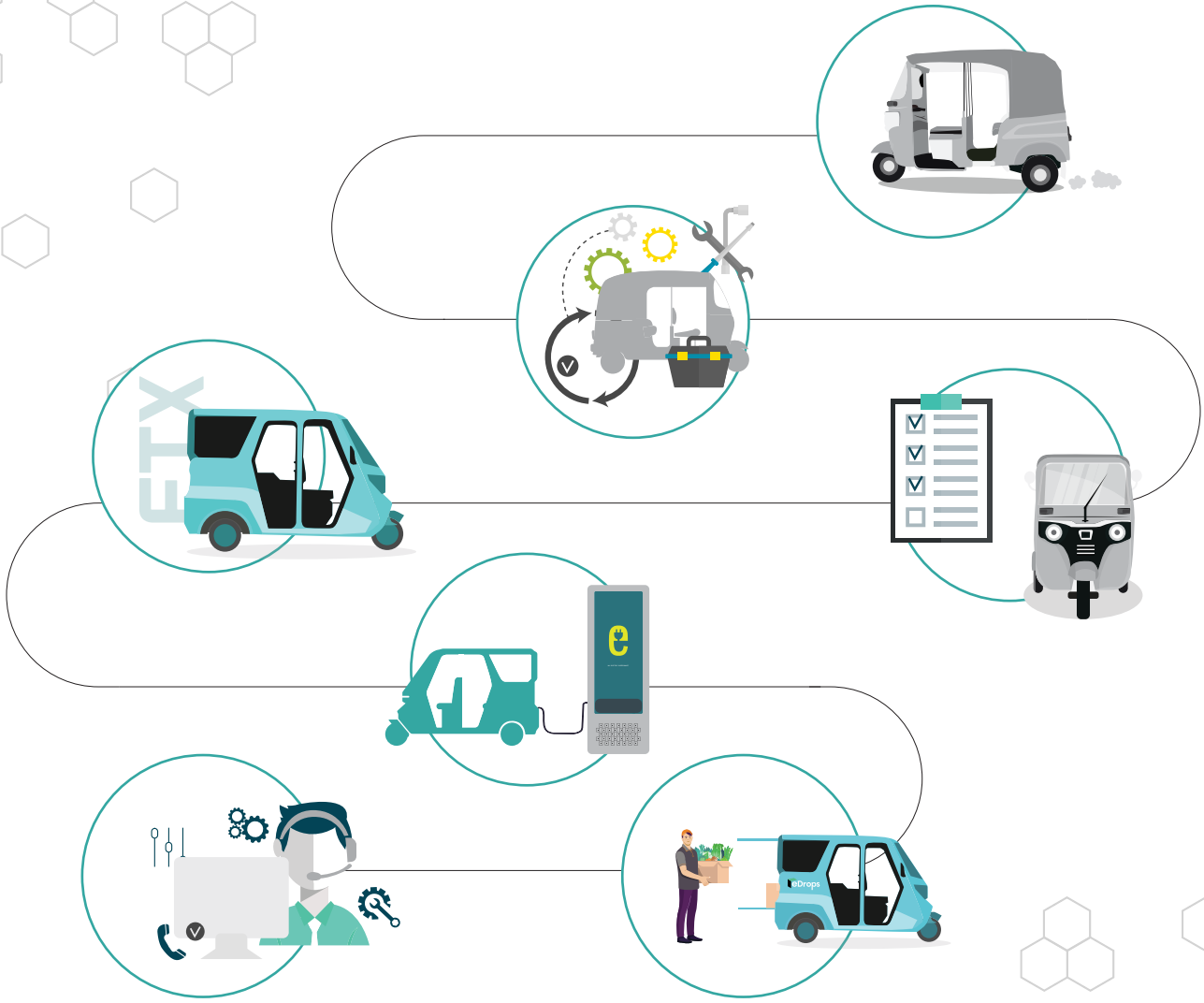
9. Emphasizing Environmental Benefits

Highlight the Elektrateq's zero emissions and reduced environmental impact compared to traditional gasoline-powered two-wheelers. Appeal to environmentally conscious riders who seek a more sustainable mode of transportation.

10. Providing Ongoing Support

Offer comprehensive after-sales support, including maintenance services, warranty coverage, and readily available spare parts, to ensure a positive customer experience and encourage long-term ownership of the Elektrateq.

By implementing these strategies and addressing the specific concerns of motorcycle and scooter owners, the Elektrateq electric three-wheeler has the potential to attract a significant portion of this market, transforming the urban transportation landscape and promoting sustainable mobility.



Product Future-Proofing and R&D

Our strategy for product sustainability and evolution

Our electric three wheeler is not just a vehicle, it is a vision for the future of mobility. We believe that electric vehicles are the key to reducing carbon emissions, improving air quality, and saving money on fuel and maintenance. That is why we have designed our electric three wheeler with the following features:

High performance

Our electric three wheeler can reach a top speed of 80 km/h and has a range of 150 km on a single charge. It also has a powerful motor that delivers 15 kW of peak power and 30 Nm of torque.

Low cost

Our electric three wheeler is affordable and economical. It also has a low maintenance cost, as it does not require oil changes, spark plugs, or filters.

Smart technology

Our electric three wheeler is equipped with a smart dashboard that displays the battery level, speed, distance, and GPS navigation. It also has a mobile app that allows the user to remotely monitor and control the vehicle, such as locking and unlocking, starting and stopping, and tracking the location and status.

Sustainable design

Our electric three wheeler is made of eco-friendly materials, such as recycled plastic, aluminum, and steel. It also has a modular design that allows for easy customization and upgrading. The battery can be swapped or replaced in minutes, and the parts can be repaired or recycled.

Our strategy for product sustainability and evolution is based on three pillars:

Innovation: We are constantly researching and developing new technologies and features to enhance the performance, efficiency, and safety of our electric three wheeler. We are also exploring new markets and segments to expand our customer base and reach. We have allocated a substantial budget to stay ahead of the market and to ensure that our electric three wheeler remains competitive and relevant in the changing mobility landscape.

Collaboration: We are working with various stakeholders, such as government agencies, NGOs, industry associations, and academic institutions, to promote the adoption and regulation of electric vehicles. We are also partnering with other companies, such as charging stations, service centers, and delivery platforms, to create a network of support and convenience for our users.

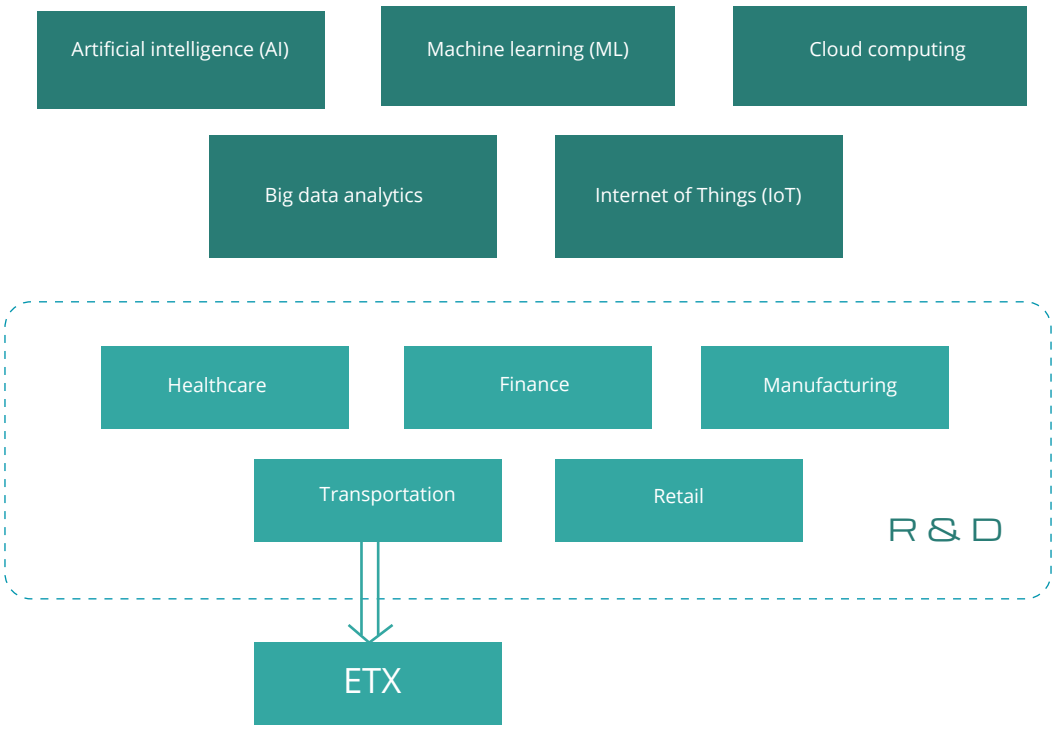
Customer satisfaction: We are committed to providing the best service and experience to our customers. We offer a warranty and a free roadside assistance service. We also have a dedicated customer care team that is available 24/7.

We believe that our electric three wheeler is the ideal solution for urban transportation, as it is fast, cheap, smart, and green. We invite you to join us in our mission to create a cleaner, smarter, and better world.

A snapshot of R&D activities and investments

CodeGen has a team of highly skilled scientists and engineers who are passionate about our work. Our company is headquartered in Colombo, Sri Lanka and has offices around the world.

We are committed to investing heavily in R&D to develop the technologies that will solve the world's most pressing challenges. CodeGen is focused on a number of key areas, including:



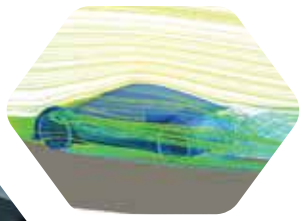
Snapshot of R&D Activities

MECHANICAL
ENGINEERING

PROTOTYPE
DEVELOPMENT

SYSTEMS
DEVELOPMENT

CAD | CAM



ELECTRONICS
ENGINEERING

DESIGN | SYLING

BATTERY | R&D

Electrifying the Future

Milestones of the ETX Three-Wheeler

Completed

Market Research
Identified a growing demand for sustainable and affordable transportation in urban and rural areas.

Impact: Validated the market potential for the ETX three-wheeler.

R&D
Developed a groundbreaking electric drivetrain optimized for efficiency and performance.

Impact: Created a competitive advantage with proprietary technology.

Concept Design
Crafted a sleek and functional design that prioritizes both user experience and aesthetics.

Impact: Established a strong brand identity and generated excitement among potential customers.

Simulations
Conducted rigorous computer simulations to ensure optimal performance and safety.

Impact: Mitigated risks and minimized development costs.

Design Parts
Developed intricate and durable parts using cutting-edge engineering techniques.

Impact: Laid the foundation for a high-quality, reliable product.

Build Molds
Fabricated precision molds for mass production.

Impact: Boosted production capacity and reduced costs.

Source Suppliers
Partnered with renowned suppliers to ensure a consistent supply of high-quality materials.

Impact: Guaranteed a reliable and sustainable supply chain.

Completed

Test Parts
Rigorous testing of individual parts ensures they meet stringent quality standards.

Impact: Guaranteeing the reliability and longevity of the ETX.

Build Electra Prototype
A fully functional prototype of the ETX has been built and successfully tested.

Impact: A tangible demonstration of the ETX's capabilities and potential.

Run on the Road
The ETX has successfully undergone real-world road tests, demonstrating its practicality and potential.

Impact: Validating the ETX's capabilities and gathering valuable feedback.

Identify Target regions
Identified key regions with high potential for the ETX, considering market size, infrastructure, and regulations.

Impact: Tailoring our strategy to maximize market penetration and impact.

Create forecasts
Developed detailed sales forecasts based on market research and industry trends.

Impact: Providing a clear vision for future growth and profitability.

Create wider team
Assembled a team of experts across various disciplines, including engineering, marketing, sales, and operations.

Impact: Building a strong foundation for success with diverse expertise and experience.

Create Sales & marketing plan
Developed a comprehensive sales and marketing plan to reach target customers and build brand awareness.

Impact: Maximizing market reach and driving sales.

Plan for manufacturing facility
Developed a comprehensive plan for a state-of-the-art manufacturing facility.

Impact: Ensuring efficient and cost-effective production

On-track

Identify equipment requirements and sources
Identifying and sourcing the necessary equipment for the manufacturing facility.

Impact: Ensuring a smooth and efficient production process.

Order equipment & fit out assembly plant
Ordering and installing equipment, followed by meticulous fit-out of the assembly plant.

Impact: Building a world-class production facility capable of meeting high demand.

Locate sites
Evaluating potential sites for the manufacturing facility based on factors like infrastructure, workforce availability, and government incentives.

Impact: Selecting the optimal location for efficient and sustainable production.

Manufacture Parts
Production of key components is underway.

Impact: Bringing the ETX closer to reality.

Test on surfaces
Extensive testing on various surfaces is being conducted to optimize performance and handling.

Impact: Ensuring the ETX is ready for any road.

Obtain Certifications
Working diligently to obtain all necessary certifications for market launch.

Impact: Ensuring compliance with safety regulations and consumer confidence.

Make improvements
Continuously incorporating feedback and data to improve the ETX and address any potential issues.

Impact: Ensuring the ETX is the best three-wheeler it can be.

Redesign based on feedback
Implementing key design changes based on user feedback to enhance the overall experience.

Impact: Demonstrating commitment to customer satisfaction and continuous improvement.

Build more units for testing
Production of additional units is underway for further testing and validation.

Impact: Expanding the test pool and accelerating the development process.

Create Distribution channels
Establishing strong distribution channels to ensure widespread availability of the ETX.

Impact: Guaranteeing easy access for customers and efficient delivery.

On-going

Obtain Investment
Actively seeking investment from partners who share our vision for sustainable transportation.

Impact: Securing the resources needed to bring the ETX to market and achieve our goals.

R&D to keep up with market
Continuously investing in research and development to stay ahead of the curve and adapt to changing market needs.

Impact: Ensuring the ETX remains at the forefront of the electric vehicle revolution.

Planned

Create new versions
Developing additional versions of the ETX based on market needs and customer preferences.

Impact: Diversifying the product line and catering to a wider audience.

Test each versions
Extensive testing will be conducted on each new version to ensure optimal performance and reliability.

Impact: Guaranteeing a high-quality and consistent product across versions.

Start Manufacturing
Commencement of full-scale manufacturing of the ETX.

Impact: Marking the final stage of development and preparing for launch.

Launch
Grand launch of the ETX, showcasing the revolutionary three-wheeler to the world.

Impact: Generating excitement and anticipation for the future of transportation.

Planned

After sales support
Establishing a comprehensive after-sales support network to ensure customer satisfaction and brand loyalty.

Impact: Building long-term relationships with customers and fostering trust in the ETX brand.

Parts Stock
Maintaining a readily available stock of spare parts to minimize downtime for customers.

Impact: Guaranteeing efficient maintenance and uninterrupted operation of the ETX.

Servicing
Developing a network of authorized service centers to provide expert repairs and maintenance.

Impact: Ensuring the longevity and performance of the ETX for years to come.

Disposable of old and wasted parts
Implementing a responsible and environmentally friendly disposal system for old and wasted parts.

Impact: Minimizing our environmental footprint and contributing to a sustainable future.

This roadmap represents our unwavering commitment to electrifying the future of transportation. We believe the ETX has the potential to revolutionize mobility, offering a sustainable, efficient, and affordable solution for both urban and rural communities.

Join us on this exciting journey as we pave the way for a greener and brighter tomorrow.

The road is paved
Let's electrify together

ELEKTRATEQ

ELEKTRATEQ

MOBILITY FOR THE PLANET

ELEKTRATEQ.COM