



Karishma Global Ventures LLP

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7	5	3
2	9	4

PROJECT SUMMARY

World's first E- Hybrid Bike (Re)



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KGV AT A GLANCE



E-Hybrid revolution by KGV

KGV is a smart e-mobility solution provider that aims to cater to the society as it reduces the immense burden on the middle and lower segment of the community by reducing the cost of commuting by more than 90%.

Karishma Global Ventures brings to you the world's first e-hybrid bike (RE), running on both petrol as well as EV batteries, fulfilling our aim of giving our end users freedom of choice with dual fuel technology, no range anxiety as well as inexpensive travel @ Rs 14 for 100 km. Our futuristic initiative for sustainability and clean tech ensures that we successfully solve the problems of Carbon footprints, noise pollution, increasing price, use of fossil fuel, and lack of charging infrastructure. We at KGV dedicate our brilliant team towards fulfilling 8 SDG Goals and adding to Bharat's Design in India, Made in India, Design for the World initiative.



TEAM

GET TO KNOW US BETTER

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Dr. Uttam Siinghal

Co- Founder, KGV H. Indian Consul, Georgia, BCAGC | Indian Ambassador for Georgia , KB Social Works | Government of NCT/ Government of India | International Trade and Logistics Expert | Strategic Business Leader| Board Member of Delhi Skill and Entrepreneurship University

Purushottam P Singhal

Co- Founder, KGV,
Delegate- G20-B20\C20\T20\S20 | Strategic Leadership & Management |
International Trade & Expansion | Supply Chain & Logistics Innovation
Business Diversification | Sustainable Business Practices
ACSECB. IIT Guwahati





PROBLEM STATEMENT

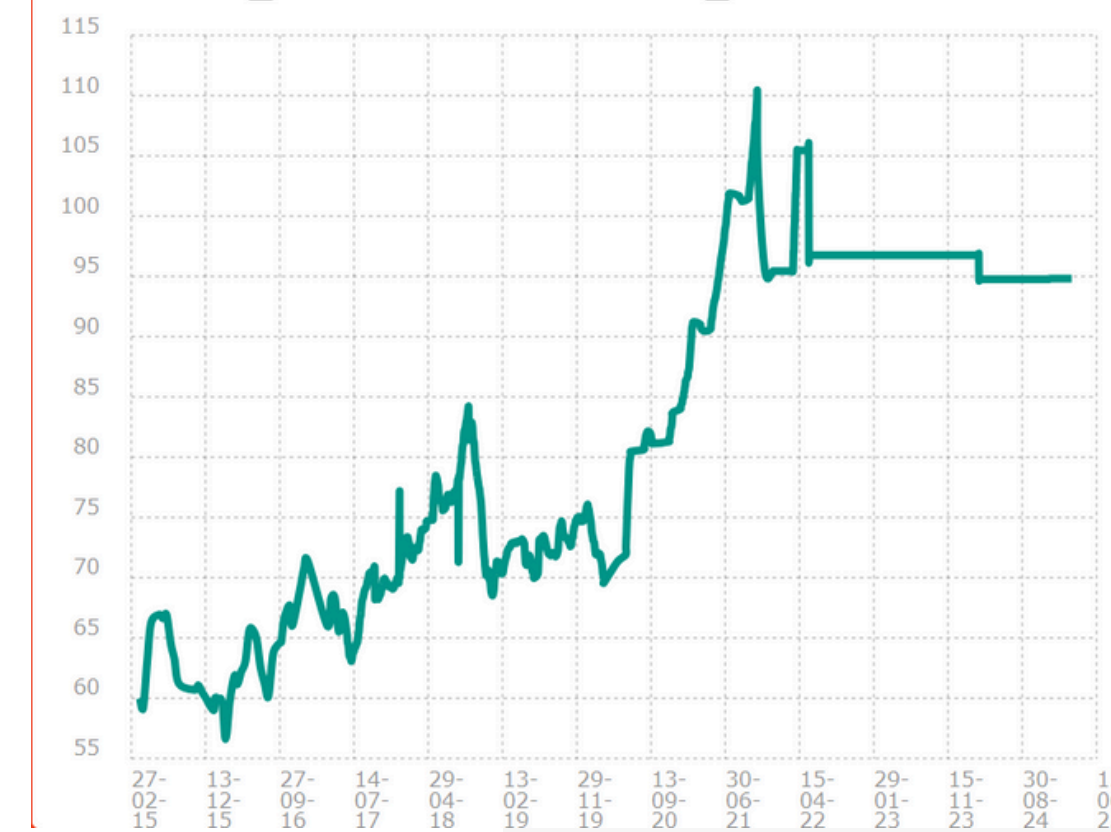
CHALLENGES WITH EXISTING BIKE OPTIONS

PURE PETROL BIKE

- 01 High Running Cost
- 02 Increasing Pollution
- 03 Dependability on Fossil Fuels

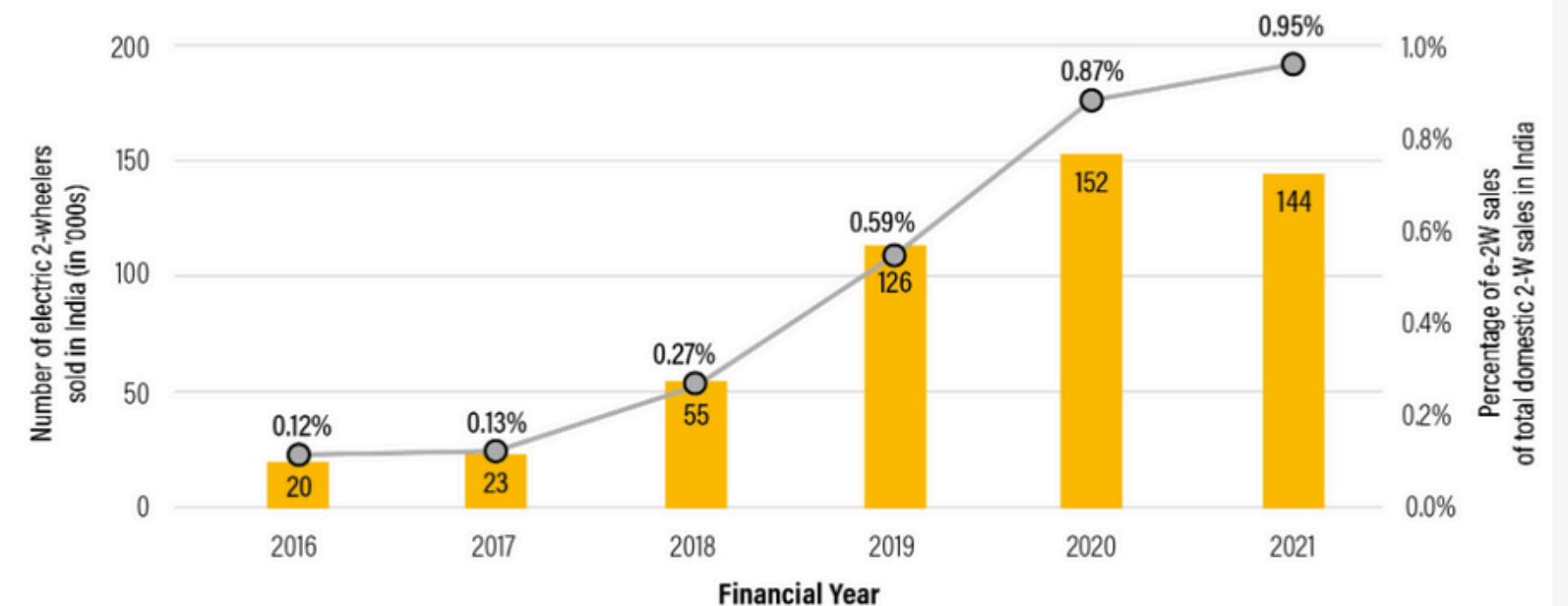
PURE EV BIKE

- 01 Range Anxiety
- 02 Limited charging stations
- 03 Unsafe Ride due to light weight fiber body



PRICE OF PETROL

Current electric 2W sales and their penetration in India





SOLUTIONS

KG V E-HYBRID BIKE

- 01 Promoting Electric Drive with '0' range Anxiety and full charging Comfort to User
- 02 95% reduction in Fuel Cost to Rider
- 03 Dual Fuel technology in bike-KGV E-Hybrid Bike (Re*)



VALUE PROPOSITION

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- 01 Flexibility based on convenience and range requirements
- 02 Bi-fuel system with EV and petrol options
- 03 Efficient electric motor for instant acceleration
- 04 Battery with extended range and fast charging capability
- 05 No tamper to existing Petrol Engine & enhance durability
- 06 Switch to petrol mode when electric power is low/Exhausted.
- 07 Optimal power distribution for efficient usage

**The image is for marketing purpose only. Actual bike may differ.



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OUR USP!



- Petrol consumption reduced, cutting costs from Rs5/km to Rs 0.14/km, resulting in an estimated 4 Lac saving per bike during the Battery life span.
- No range Anxiety which eliminates uncertainty about battery life in pure EVs.
- Bi-fuel option guarantees continuous usage without charging worries.
- Decreased carbon emissions lead to carbon credit generation.
- Reduction in Noise and Air Pollution.
- Only solutions to rapid growth for conversation to green fuels and motivate to sustainability
- First in kind with negligible OPEX and Capex recovery in up to 12 months
- Prevents the scrapping of around 15 million old bikes in India.
- Dual Fuel Throttle which works with both petrol and EV mode

**The image is for marketing purpose only. Actual bike may differ.

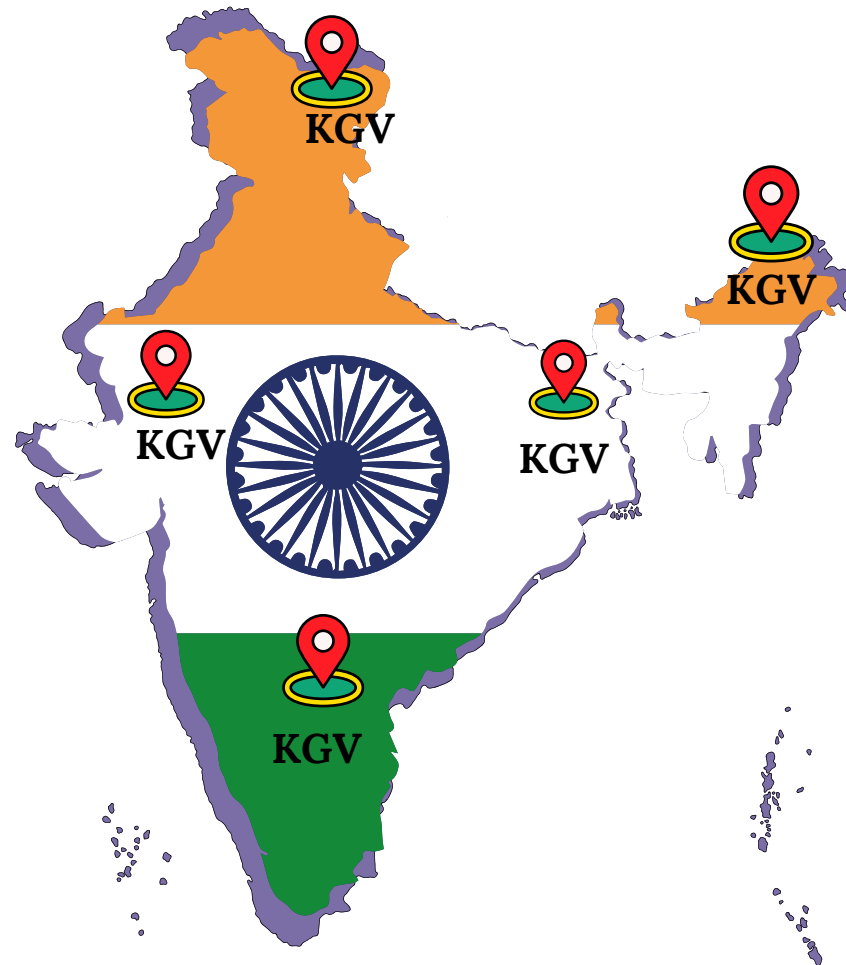


BUSINESS MODEL

SOLUTIONS OF THE PROBLEMS

OD-OD

One District One Distributer



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01 Business Model

KGV OFFERS

E- Hybrid Bike (Re*)

- E-commerce Sale start @99,000/- on KGV platform
- Dealership distribution network

E- Hybrid Solution (kit)

- Dealership/ Distributorship available PAN India

KGV Go- Green Rentals

- Electric-Hybrid Bike @ 400 per day

KGV offers a dynamic range of products for combatting against environmental pollution along with successfully moving towards net zero.

- We are offering India's first Electric-Hybrid bike on KGV platform as well as through our distribution network.
- We are building dealer/distributor chain PAN India through which we aim to convert existing petrol bike into E-Hybrid bikes.
- We are providing Electric-Hybrid Bike @400 per day and various other attractive plans with an aim to provide entrepreneurship to unskilled/ semi-skilled youth of India

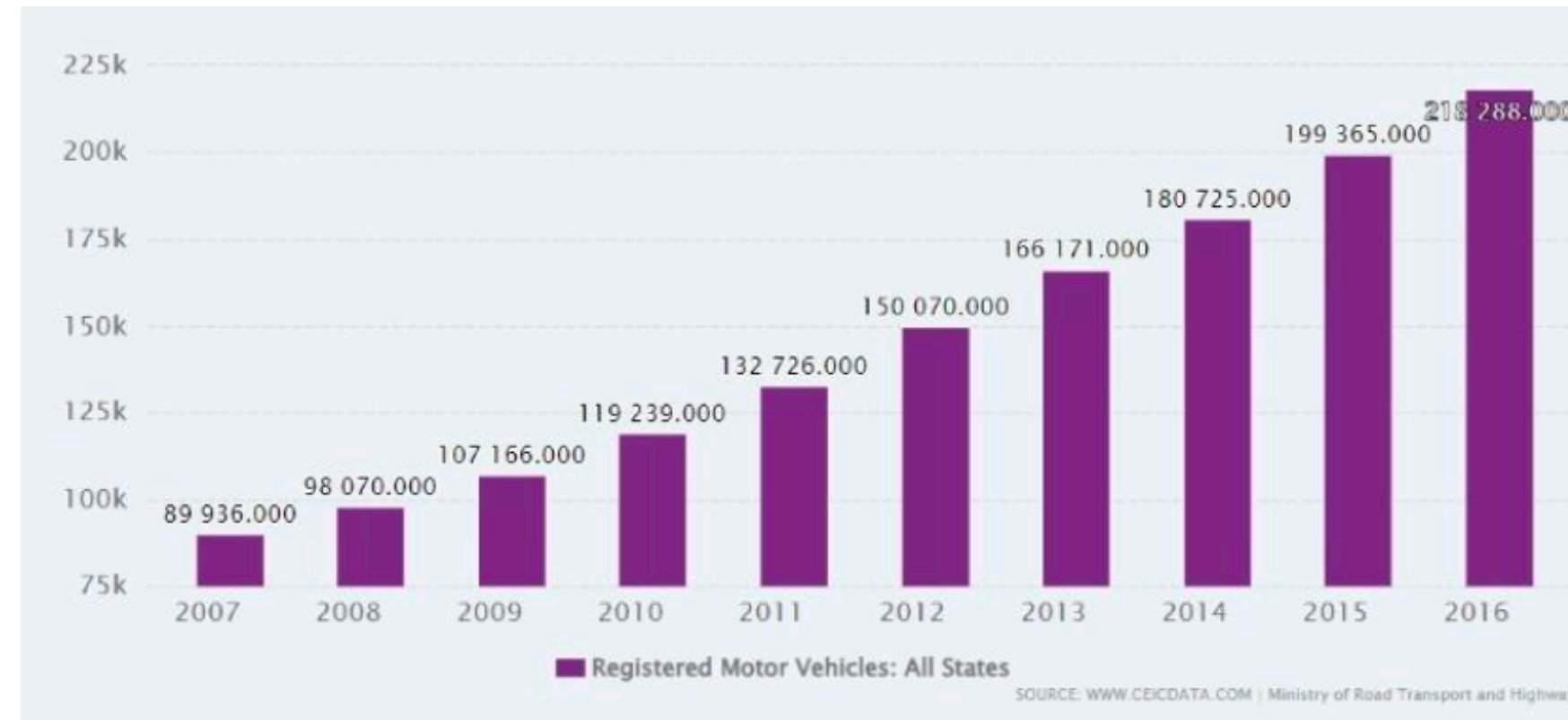
02 Marketing Strategy

- This is not a product it is a revolution & government of India will be proud to be announced & promoted across the globe -"MAKE IN INDIA & INVENT IN INDIA, PATENT SHIELD & ATMNIRBHARAR BHARAT VISION"
- Participation in eco-friendly and automotive events and exhibitions
- Set up of Skill development Centre at Facility to train the manpower & generate employments.



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MARKET POTENTIAL



The country had a total of around 296 million registered vehicles at the end of fiscal year 2019

Forecasted Data

- The largest motorcycle markets are predominantly in Asia, with countries like India, China, Indonesia, and Vietnam leading in motorcycle usage. As of 2021, there were approximately 700 million motorcycles in use worldwide i.e Our TAM which is forecasted to be more than 4 times in the next decade.
- Regarding ownership distribution, data from the ICE 360° survey 2016 indicates that households in the top income quintile (top 20%) own more than a third of the two-wheelers in the country.
- Given that the middle 60% of households (comprising the second, third, and fourth quintiles) account for the remaining two-thirds of two-wheeler ownership, it can be inferred that middle-class households own approximately 420 Million that is Our SAM

TRACTION

Recent Highlights!

- The KGV Hybrid solution was endorsed and appreciated by Shri Piyush Goyal Ji, Minister of Commerce and Industry, Govt. Of India. at Startup Mahakumbh 2024
- This KGV Hybrid solution was lauded and praised by Shri Nitin Gadkari Ji, Minister of Road Transport and Highways, Govt. of India
- Inaugurated by the Government of India under the DPIIT.
- Received the CleanTech Startup of the Year award at Startup Mahakumbh, India's First Startup Awards within our first year.
- Inaugrated and appreciated by Hon' CM of Assam, Mr. Himanta Biswa Sarma Sir at Advantage Assam 2.0 in Guwahati.
- Signed 1100 Cr. MoU with Goverment of Assam for Manufacturing plant
- Signed 1650 Cr MoU with Government of Chhatisgarh for Manufacturing plant



DD News



News 18



India Today

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TRACTION

Recent Highlights!

- Signed MoU worth Rs. 33 Cr in Startup Mahakumbh
- Received the "Green Mobility of the Year 2025" Award from Outlook India for Karishma Global Ventures LLP
- The KGV Hybrid solution was much appreciated by Shri Piyush Goyal Ji, Minister of Commerce and Industry, Govt. Of India. at Startup Mahakumbh 2025
- Appreciated by Shri Giriraj Singh, Minister of Textile, Government of India.
- Inaugurated and appreciated by Smt. Anupriya Patel, Minister of State for Health and Family Welfare of India at India Chem 2024, Mumbai
- Applauded by JS DPIIT, Mr. Sanjiv Singh along with Director, DPIIT, Mr Sumeet Jarangal and Additional CEO & CFO at GeM, Mr. Satyanarayan Meena.



DD News



News 18



News 18



Our Journey

#sustainableenergy

Ideation

Starting in Jan 2022, we planted a seed of thought and worked hard for its research and development. We tested all the components, analyzed the national and international market, brainstormed the optimum solution and geared up for the next level!!

#Ecofriendlyride

Minimum Viable Product - Kit

To test our idea, we started with a 15 year old bike which couldn't run on its original engine. With the waste to wealth approach, we revived the bike with our First of its kind Electric Hybrid Accessories.

Market Validation

We showcased our innovation at 100+ roadshows and exhibitions. While testing our product we compiled 500+ testimonies from India's masses

#worldsfirsthybridKGV

- R&D for the MVP for 6 months
- complete testing of the bike conducted by the team
- Identifying the issues and honing our idea with every stage
- Research for better alternatives and vendors
- Completing our second kit with a double battery system for better aerodynamics
- Repeating the process of testing and learning issues and resolving them as we go.



#GohybridKGV

Minimum Viable Product- Bikes

Through research and development we devised a new innovation. Enjoy long rides and daily commuting without range anxiety and expensive bike! We bring to you, **World's First Hybrid E-Mobility Bike (Re*)** which is a KGV hybrid refurbished bike.



Promotion

Final testing and promotion started with visits from different country delegations. Visits from various country delegations expressed interest in our KGV EHS. Spirits were raised once again when our invention got featured by News18, DD News, Business Times,, many more!

#ChaiSeSastiRide

Scaling

Our 2025 started with a good beginning and are completely overwhelmed with the response from both national and international market! and we signed MoU OF 33 Cr+ that we are planning to execute in coming future.



COMPETITIVE ADVANTAGE

	KGV Hybrid E- Mobility	Retrofit	Pure EV
Dual Fuel Technology	✓	✗	✗
World's 1st Innovation	✓	✗	✗
Charging as per Convenience(Portable)	✓	✗	✗
Uninterrupted Drive	✓	✗	✗
Warranty Provided*	✓	✗	✗
No Tamper of engine	✓	✗	✓
Reverse Drive	✓	✗	✗
Compatibility with Hilly Terrain	✓	✓	✗
Intact Engine, Gears and clutch system	✓	✗	✓
Eliminate Air Pollution	✓	✓	✓
Reduce Noise Pollution	✓	✓	✓
Compatibility with Highway ride	✓	✓	✗
Extended Warranty Available	✓	✗	✗



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Our Drive towards Sustainability

KGV E Hybrid Bike (Re) creates a responsible, accelerated, innovative, sustainable and economical ecosystem to reduce dependability on fossil fuels, generate employment, cut down commuting cost, eliminate pollution and save the climate for a better greener future in line with the Paris Agreement by meeting 8 goals of SDG -





IMPACT

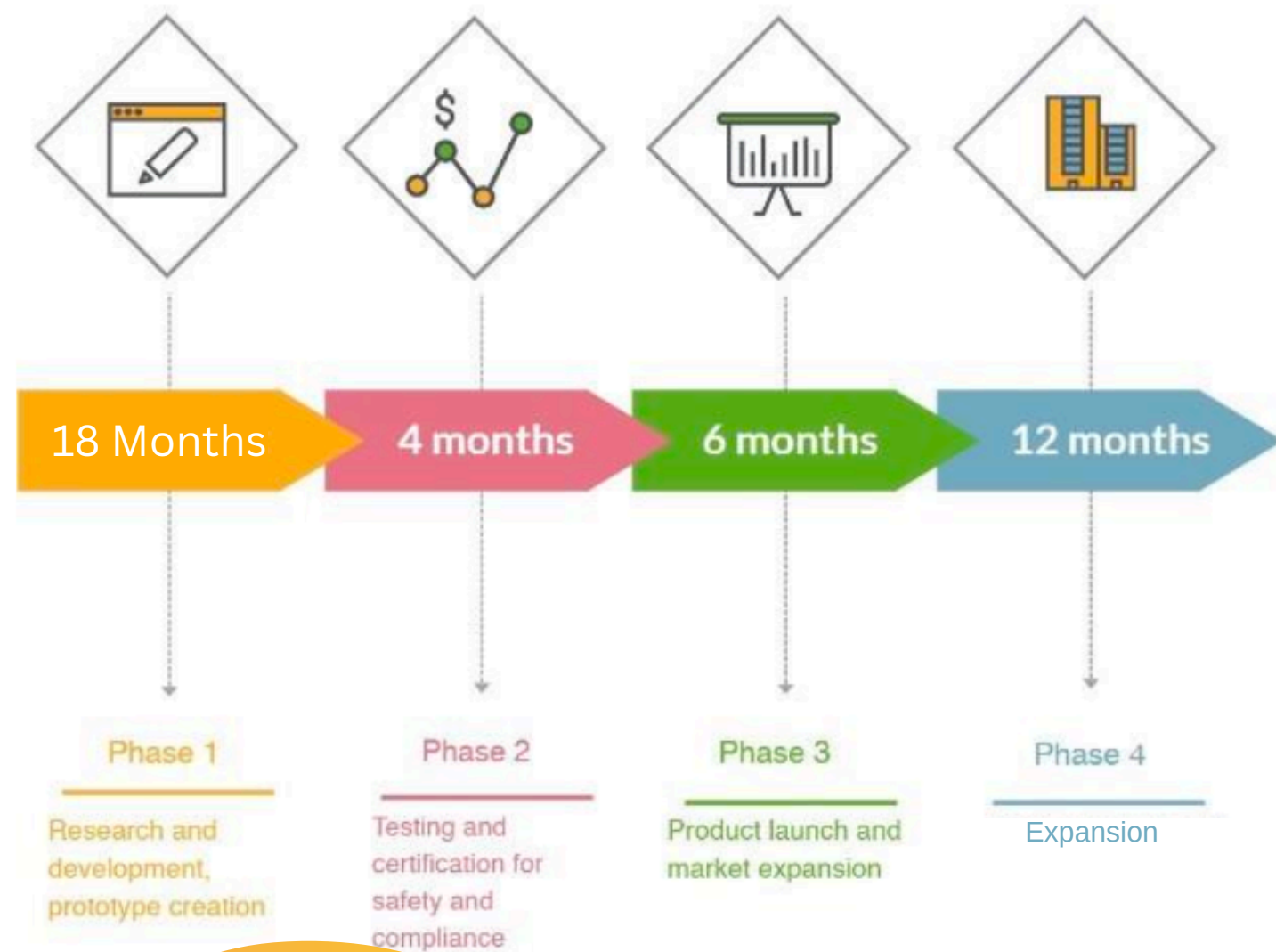
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- **Environmental Impact-** 100% Elimination of Carbon Footprints and deadly pollutants (eg CO , NO2, PM 2.5 etc) along with Reduction in Noise Pollution to tune of 85% and more. In the long run, any user will be able to save approx. 10,000 kg of carbon emission.
- **Increase in purchasing power of common man :** The cost of travel has decreased from Rs5/km to 0.20/km, directly lowering commuting expenses for common man and eventually increasing saving in the hands of the masses.
- **Farmer:** Farmers often face losses due to overspending compared to their income, as they sometimes fail to budget effectively. If KGV hybrid kits receive government subsidies, their expenses could be reduced by up to 90%.
- **Sustainable Drive for E- Commerce-** KGV Hybrid kits are the first in kind with negligible OPEX and Capex cost resulting in reduced travel expenses upto 90%. KGV Hybrid Kits are one stop solution to reduce travel cost while promoting profitability and sustainability.
- **Reduction in Trade Deficit-** the KGV revolution will result in reducing trade deficit wherein import of petrol will decrease by 200 Billion USD est. and 175 Billion ltr decrease in dependency on fossil fuels. Revenue generated by export will result in increase of foreign reserve.
- **Brand creation and Advertisement-** *Boost your brand visibility with KGV's E-Hybrid Bike — a moving billboard for innovation, sustainability, and impact!. Bringing this futuristic innovation not just for you but for your business as well. Advertise your company on the KGV E-Hybrid Bike that turns heads 24x7!! We are here to help you make you company into a brand and your brand into a super-brand!!*



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FOUR PHASE PROCESS



STAGES

The production process is segmented into four stages. Currently, we are in the 3rd phase where our product has been launched, and we are meeting the increased demand. Our upcoming plan involves diluting some stakes to secure working capital for the following purposes:

- Enhancing manufacturing capacity
- Implementing advanced and automated systems
- Scaling up the ecosystem.



Lets join hands together to make our India Pollution free and Save environment with pocket friendly Smart E-Hybrid Mobility.

THANK YOU

KARISHMA GLOBAL VENTURES LLP

Visit us at-

609, Pearls Omaxe, Tower 2, Netaji Subhash Place
Pitampura , New Delhi, 110034

Know more-

www.kgvl.co.in

Email us at-

sid@kgvl.co.in, pps@twigroup.in,
ea@ustl.in

Call us at-

CEO: Purushottam P Singhal
9350184364

CFO: Siddharth Kashyap
9661829944

EA: Jasleen Kaur
9911161416

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