

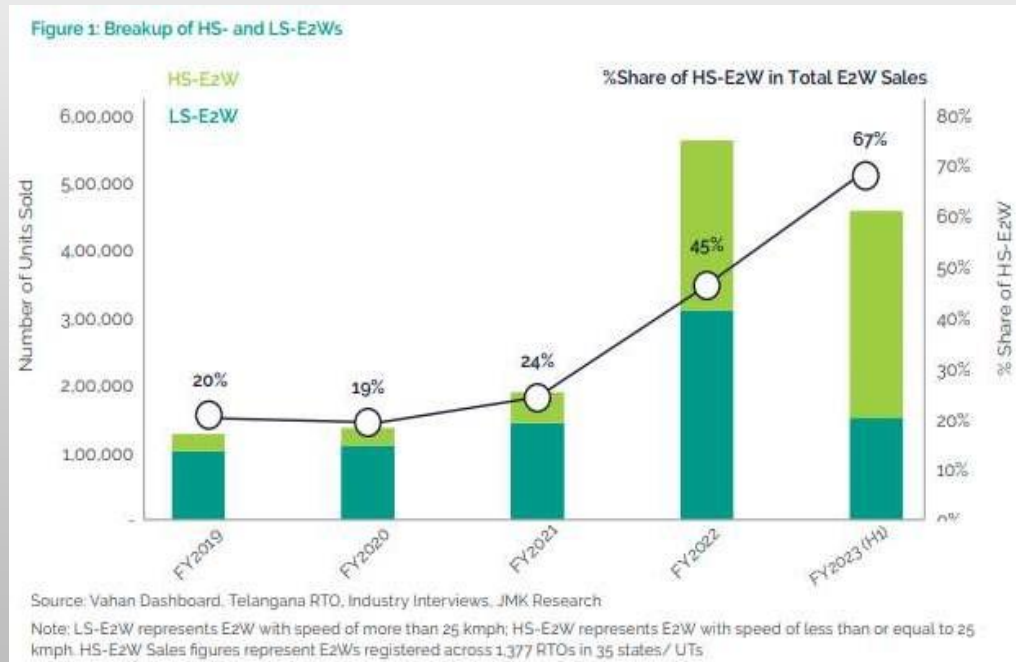


# BrenStone International Pvt. Ltd., Gurgaon

Premium EV Two Wheeler- Make In India  
India / 2023

# ADOPTION OF EV

The overall E2W market to witness sales of 67 lakh vehicles annually by FY2027. As per these estimations, the CAGR of E2W sales from FY2022 to FY2027 is expected to be about 60.5%. This translates to E2W accounting for more than 38% of the overall 2W sales by FY2027 against the current share of 5%.



# ENERGY DISTRIBUTION AND MOBILITY SOLUTION

With an overall journey since 2017 , European EV company is looking forward to provide the energy distribution solution to their existing clients as well as providing zero capex electric mobility solution for E-commerce space to synchronize the existing business model.

We are expanding our footprints into two segments :

## MOBILITY SOLUTIONS

1. In a strategic partnership with an European group, they're planning to launch E bikes for indian market
2. We are also becoming a global distribution management for the european bikes with contract manufacturing local support
3. E-bikes for ecommerce , daily commute and off-roader categories.
4. Swapping/charging stations for EV batteries. Agreement signed with oil companies .

# MOBILITY SOLUTIONS

As per the current Indian market size of more than 270 Million vehicle on ground, there is a huge demand for the EV space in the next coming years. With our strategic tie-ups, we are launching well established product of European market with strong R&D and Design product with our partners.



## EV Product Trials

- Started in Feb 2022
- 2 Model India trials done
- Pilot orders with 2 Ecommerce brands
- 1<sup>st</sup> Lot for 100 bikes planned for Aug-2023

## Contract Manufacturing

- Part developments done by Mar-24
- Pilots for India manufacturing from Apr-24
- With contract manufacturing, no investment on CAPEX.
- Target model launch for Indian market by June-24

## Global Export hub

- With local development & Contract manufacturing.
- Target for Export from June-24 onwards
- Demand from 2024 to 2026 received for European market of 500k+ Bikes

# PRODUCT AT A GLANCE

## Model Categories



### Daily commute EVs

- For daily travel with high performance.
- 80% charge in 2 hrs
- Adjustable seats
- Energy regeneration break
- Both charge and swappable



### Off-road/Terrain EVs

- Offroading design features
- High torque for terrains
- Able to match Indian roads on ground clearance
- Flexibility with design
- Energy regeneration break



### Cargo EVs

- Heavy duty bikes for Ecommerce applications
- Upto 150Kgs load Capacity
- Range upto 150kms
- 100% charge in 4hrs
- Energy regeneration break

### Other Features:

- Customizable accessories
- Spare parts supports
- Each category has more than 5-7 models

# SPECIFICATIONS AT A GLANCE

## SPECIFICATIONS

### Drivetrain

- Interior permanent magnet motor
- Power upto 11KW
- Torque(Wheel) 500Nm

### Battery

- Premium 18650 lithium cells
- Voltage 48-51.8V
- Capacity 31Ah-75Ah , 1.5kWh- 3.75kWh
- Can be recharge or swap

### Dimensions

- Wheel base 1210-1310mm
- Seat height 800-910mm
- Ground clearance 220-260mm

### Charging

- 0-80% charge in 2 hrs
- 0-100%charge in 3-4hrs
- 110/220V output

### Range & Speed

- Speed from 25km/hr to 90+KM/hrs
- Range from 50km to 160km per charge

### Wheels and Tyre

- 14"-24" re-inforced, triple chamber, 6061 aluminum
- Custom made 24" lightweight off- road tires for durability and minimum trail wear

# PROPOSAL FOR INVESTMENT IN MOBILITY SOLUTIONS

**European auto OEM:** Deals in high performance electric 2W ranging torque 60-400 NM at wheel (Highest in this segment) light weight (High Grade Aluminum Body) already serving Europe, North America, Africa, Asia (Japan and S. Korea).

## Agreement done for:

1) Assembly in India with their existing supply chain for India market and their global demand.

2) Export demand under signed agreement:

1. **2023** : 9,000 Bikes (estimated on the basis that production will continue in current manufacturing location simultaneously)
2. **2024** : 25,000 Bikes (estimated on the basis phase-out of current manufacturing location)
3. **2025**: 50,000 Bikes (estimated that CollarEV will be the sole manufacturer)
4. **2026**: 90,000 Bikes (estimated that CollarEV will be the sole manufacturer)
5. **2027**: 135,000 Bikes (estimated that CollarEV will be the sole manufacturer)

3) Local component development in India and design & development of Indian specific model.

## Investment in Safe mode:

Proposal for Seed fund : In spite of the fact that having export order of more than 100Mil \$ in hand ..

Return on Investment: The company is already in talks with major OEM's /2Wheeler brands for a for major investment and manufacturing/ distribution/Tie-ups..

# INVESTMENT , PROJECTIONS AND DILUTIONS

Milestone 1 Target  
Aug-2023

- Entry in India market via existing models
- Develop CKD assembly for 1<sup>st</sup> 1000 bikes for export
- Brand Positioning
- Team & Tech development

Milestone 2  
Dec 2023- June 2024

- Contract manufacturing for Export
- India's Specific model developments for B2B & B2C
- Achieve 1<sup>st</sup> year of revenue 40Mil \$

Milestone 3  
Apr-2027

- Scaling for Domestic models & Export
- SME IPO launch
- Expansion via retail outlets/Dealers

