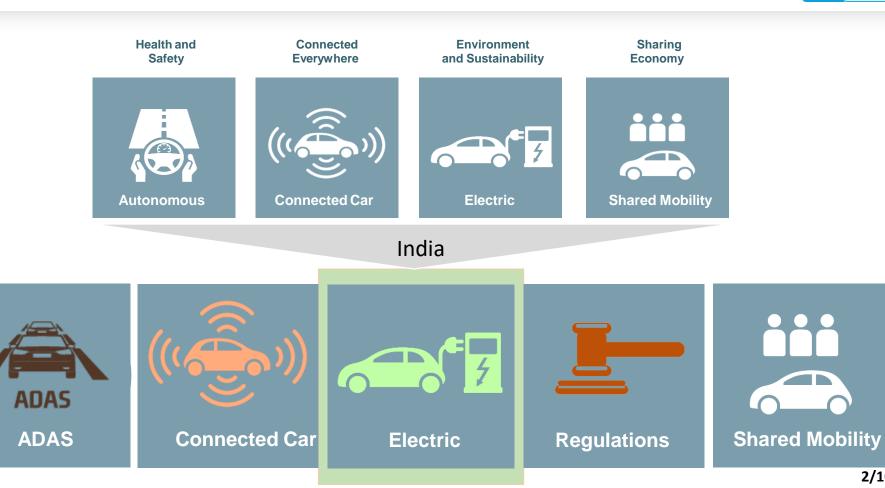
# **Uno Minda EV Roadmap**<sup>\*</sup>

UNO MINDA

**Building Trust, Expanding Possibilities** 

#### Macro Trends in Automotive





#### Impact of EV on Uno Minda



- Almost all products of Minda are EV agnostic
- Minda is following a two prong strategy on EV
  - Upgrade / Enhance / Adapt our current products for EV specific applications
  - Develop new EV specific products which are currently not in the Uno Minda portfolio
- Current focus is on 2W and 3W segment which is expected to see the maximum growth

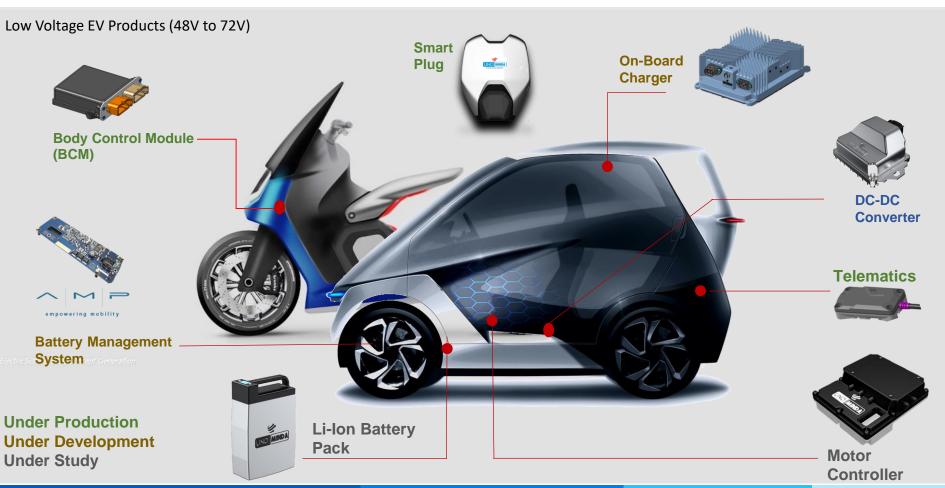
## **Group Products – For EV's**



Sensors for Electric Vehicles LED Lighting & Switches for Electric Vehicles LED DRL & Chetak Position Lamp BAJAJ LED Head LED Sequential Turn Light Indicator Lamp **EV Battery** Brake Pedal Temperature Sensor for EV LED Front LED Tail Lamp Sensor Regenerative Turn with Stop Lamp Braking Indicator 36 LED Front ELECTRIC Position Switches Lamp LED Head LED Tail Light Lamp with Stop Lamp LED Front Turn Vacuum sensor for Indicator Accelerator LED Rear EV Brake System Turn Position Sensor for Indicator ΕV

### **EV Products Under Development**



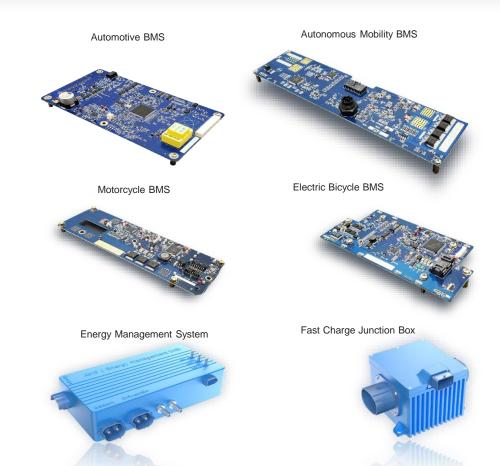


#### **Battery Management System**



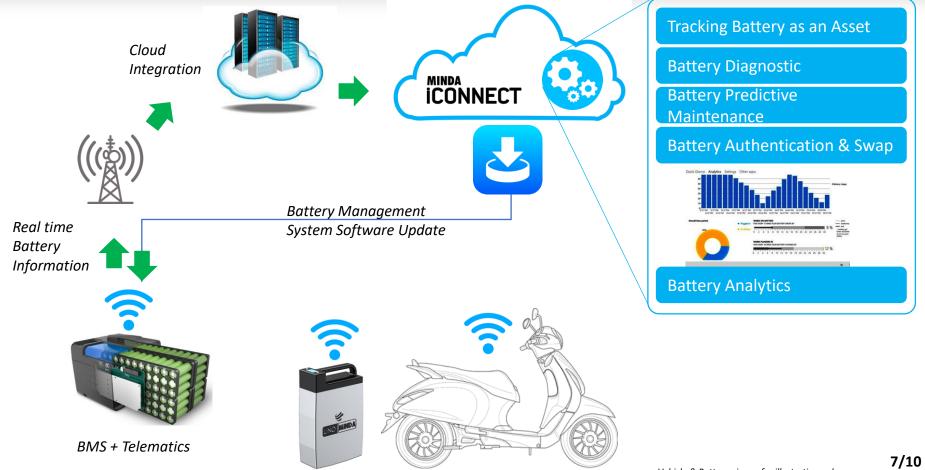
Entered into a TLA with AMP, USA for Battery Management Systems for 2W, 3W, 4W and CV Markets in India





#### **Integrated BMS and Telematics**





## **Smart Plug Charging – Recent Launch**

UNO MINDA

- Recently launched on TVS iQube
- Modular design with various authentication options and integration of connectivity







#### **Summary**



- Aggressively tracking the EV market
- Although Uno Minda's current product portfolio is EV agnostic, Minda is focusing on upgrading its product line to suit and add value to EV Segment
- Uno Minda is also developing several EV specific products focused on the 2W and 3W market
- Also strengthening its position by Technology driver alliances in high technology area.



# **Thank You**



**UNO MINDA Corporate Office** Village Nawada Fatehpur, P.O. Sikanderpur Badda, Manesar, Gurgaon – 122004, India.

www.unominda.com

communicationdesk@mindagroup.com |

