



Cell Propulsion

Smart Electric Mobility of Goods

Investor Presentation

AUG 2021



Cell Propulsion



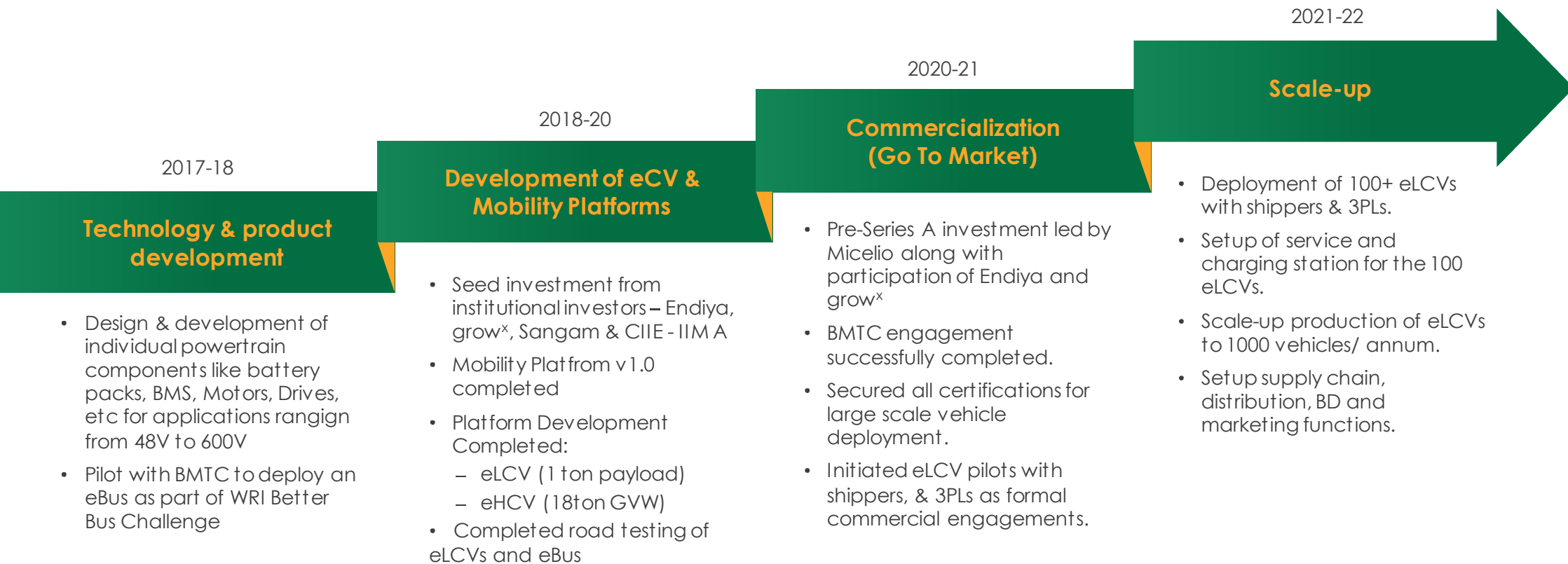
Electric and Digital Mobility for Goods

Developing and deploying sustainable mobility solutions –
eCV platforms, Digital Eco-system, Energy infrastructure,
and **support eco-system.**



JOURNEY SO FAR

— Started in 2017, with 3 founders and grew to 60 members team in 2021



TEAM

Founders have worked together in ISRO for 6 years before this venture



Nakul Kukar
Co-founder &
CEO

7 years experience with rocket engine and electric aircraft design & development

4+ years experience in CV space



Paras Kaushal
Co-founder &
COO

6 years experience with rocket engine ignition systems, spacecraft thermal & energy storage systems

4+ years experience in CV space



Supratim Naskar
CTO

7 years experience with launch vehicle structures, spacecraft mechanisms & space robotics

4+ years experience in CV space

Management



Prateek Dudeja
VP – Sales &
Customer Service
10+ Years Exp



Rohan Dutta
VP – Software
Systems
10+ Years Exp



Satishchandra C Wani
VP – Network
Development
20+ Years Exp



Mudit Mittal
VP – Electrical
Systems
15+ Years Exp



Ravi Pisharody
Ex TATA Motors;
38 years of experience
in CV Sales & BD

Team Members are alumnus of:



• APTIV •



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THE OPPORTUNITY

— Electrification and digitalization of Commercial Vehicles is inevitable



Highest asset
utilization –
Max Kms driven



Increasing
diesel costs



Highest CO₂
emissions



Government push/
initiative - FAME scheme
and state EV policies

Transformation of Commercial Vehicles a **50 Billion USD** opportunity

Logistics and transportation companies believe in the value proposition of eCVs but face **problems** in adoption – **availability of vehicles, charging support, vehicle operations & maintenance, lack of know-how**



SOLUTION

— Transforming commercial vehicles into a technology platform



eCVs

Common platform to build multiple vehicle types



Digital Eco-system

Digital eco-system to enable efficient operations during complete vehicle life



Energy Infrastructure

Charging Infra and Energy Management Services



Support Eco-system

Enable seamless transition by addressing all the pain points under one roof (O&M Support, financing, training, etc.)



KEY PRODUCTS

— 2.5-ton GVW eLCV and 20-ton GVW eHCV

eLCV



AIS-123 certified
Range : 120-150 Km
Top speed : 60 kmph
Peak Power : 30 kW
Battery Capacity: 24 kWh

eHCV



AIS-123 tested
Range : 250 Km
Top speed : 80 kmph
Peak Power : 200 kW
Battery Capacity: 250 kWh



Integrated mobility solutions for carriers, shippers & 3PLs

Build eCVs & charging infra

1. Deploy with Shippers as a fully Managed Service
2. Sell/Lease to Carriers and provide integrated support during complete vehicle life



Mobility platform

1. Data Analytics & Telematics Services
2. OTA Updates
3. Custom vehicle features & modifications
4. ADAS

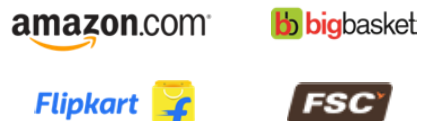


Support Eco-system

1. Energy Management
2. Finance & Insurance Services
3. Vehicle Health Monitoring & Predictive Maintenance
4. After-sale service & support



SHIPPERS



LOGISTICS PROVIDER/3PL/4PL/BROKERS



CARRIERS



KEY MILESTONES

— Over the past year we have accomplished...

Product

- **AIS-48** Certified eLCV Battery Packs
- **AIS-123** Certified eLCV Powertrain
- Production Rate of:
 - **10 eLCVs/month**
 - **250 kW-hr of battery packs/month**
- Completed development of **eBus** with BMTC.

Digital

- In-house development of **Vehicle OS**
- Implemented **OTA update** pipeline.
- Proprietary eCV **Fleet Management** software.
- Platform to offer **data analytics** and digital services.

Energy

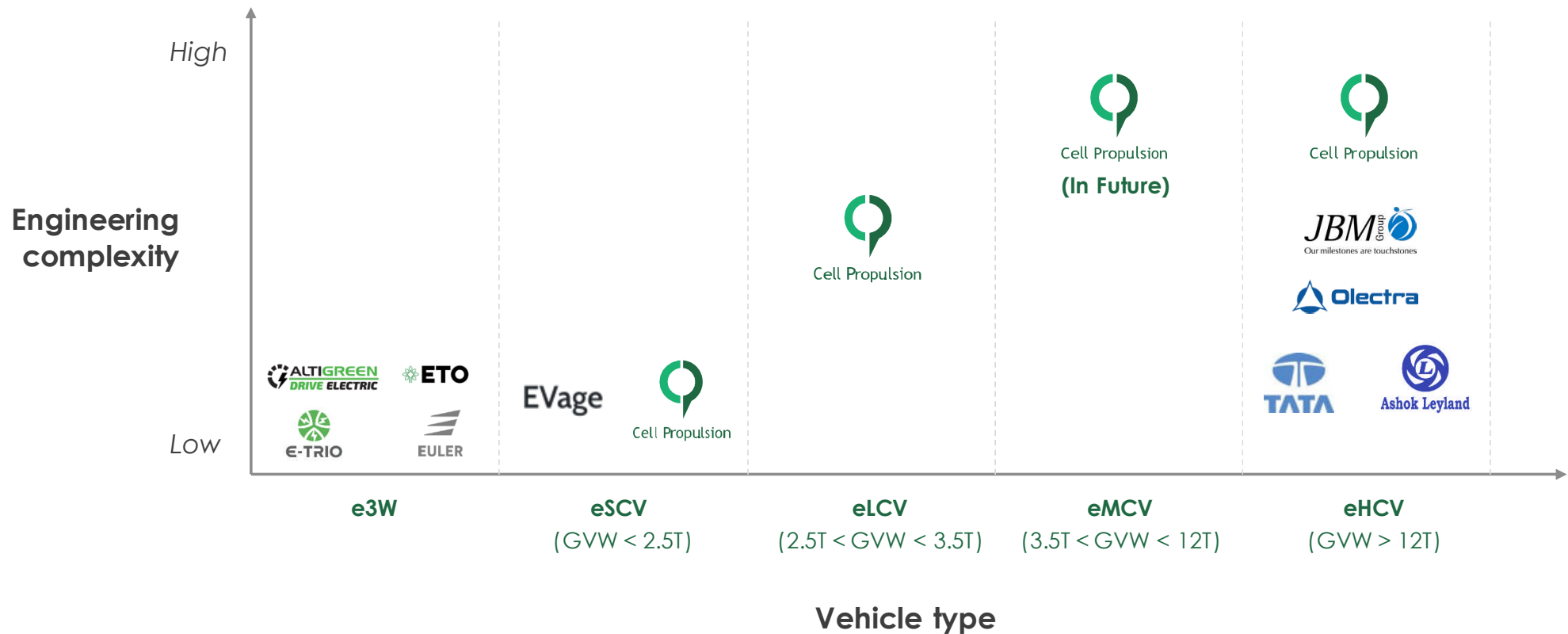
- **1st service & charging station setup in BLR.**
- MVP of **Energy Management** Software Completed

Eco-system

- Established partnerships with **vehicle financiers** to manage vehicle cap-ex.
- Structured **supply chain** for critical components like cells and electronics.



— CP is the only player in Large CV space offering full stack mobility solutions



What makes us different?



Operating in a niche space

- Strong team capable of developing complex engineering products for eLCVs, eMCVs & eHCVs.
- Gaining further in-depth understanding of the space by operating our own fleet of eCVs



Proprietary tech

- IP developed in battery packs, BMS, motors, and drives
- Provides first-mover advantage
- Strong barrier to entry for high power, high voltage eHCV segment



End-to-end mobility solutions

- Enables us to build a moat of loyal customers
- Recurring revenue stream during the entire product life



Vertical Integration and novel production methods

- In-house development and production of core hardware and software technologies
- Enables cost control and customization of solutions for different customer segments

