BSE Limited

Dalal Street

Mumbai - 400 001

Stock Symbol: 500477

Phiroze Jeejeebhoy Towers

Through: BSE Listing Centre

July 28, 2021

National Stock Exchange of India Ltd.

Exchange Plaza

C-1, Block G, Bandra Kurla Complex

Bandra (E), Mumbai - 400 051

Scrip Code: ASHOKLEY

Through: NEAPS

Dear Sirs,

Investor Meet - Presentation

Further to our intimation dated July 22, 2021 on Investor Meet scheduled today at 14.00 hrs (IST), we attach herewith the Presentation for the same.

This is for the information of the stock exchanges.

Yours faithfully, for ASHOK LEYLAND LIMITED

N Ramanathan Company Secretary

Houmath

Encl:a/a







INVESTOR MEET

JULY 2021

Investor Meet

Vipin Sondhi MD & CEO





OUR VISION

To be a Top 10 Global CV Player

creating reliable and differentiated
products and solutions,
while delivering outstanding
stakeholder value





I. Rock Solid & Resilient

II. Ready for the future







Domestic Network



Widest reach - Deep commitment to customer



Dealership 3S - MHCV



Dealership 3S - LCV



Dealership 1S



ALASC



SASSY



WOW



Dealers

AL Authorised Service

AL Onsite Service

AL Onsite Training

AL Authorised Mechanic



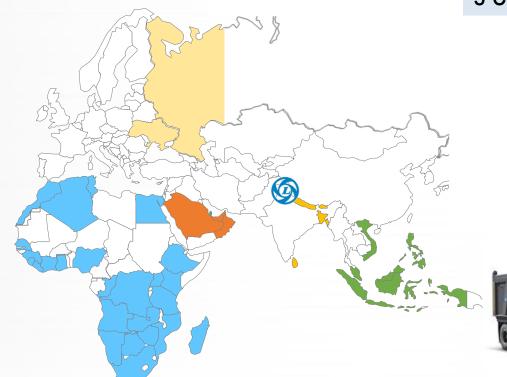
International Operations



Rapidly expanding global reach







5 Clusters Targeted



GCC

AFRICA

CIS

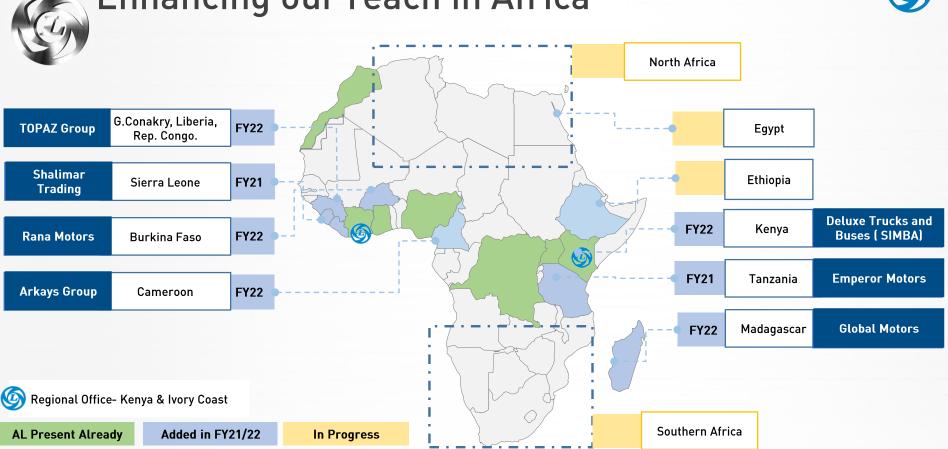
ASEAN





Enhancing our reach in Africa







Modular Range of Trucks Delivering value to customers







Customer Feedback



Better Mileage Lower Ad Blue consumption



Sturdier aggregates Stronger Suspension



Improved cabin comfort **Driver Assist features**

Package protected for RHD & LHD





Commonized Platform - Fully built offerings



Complete range



Reliable and Safe





2.5T

2.8T

2.99T

3.49T

7.2T

7.49T

18 - 46 seater





















Gross Vehicle Weight (GVW)



Passenger Seats

Bada Dost platform to expand domestic and global play





Mobility solutions : Logistical to Tactical

Logistics

- Troop Carrier
- · Light Recovery Vehicle
- Water Bowser
- Ambulance
- Parts Container











Combat **Support**

- Field Artillery Tractor 6x6
- Common Gun Tower 6x6
- Mounted Gun System 6x6
- Multi Barrel Rocket Launcher 6x6
- High Mobility Vehicle 8x8









Armoured

- · Medium Bullet Proof Vehicle
- Mine Protected vehicle
- Protected Personnel Carrier







Light **Specialist**

- Light Specialist Vehicle
- · Light Bullet Proof Vehicle



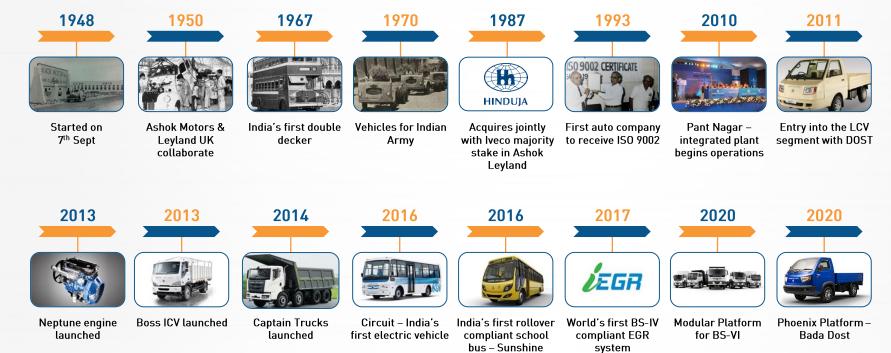


Trusted mobility companion of the Armed Forces



Backed by a strong legacy of innovations







Closer to Customer Enabled by digital - Our journey





Uptime Solution Centre



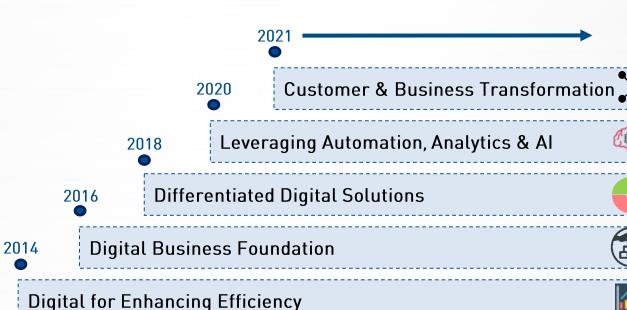
i-Alert 3.0



AL Care









Build & Renovate Digital Core







Aftermarket

9

Parts & Service : Key differentiators







iAlert 3.0

Uptime Solution Center

Enhancing customer lifetime value through continuous engagement





People Appreciation – Respect - Joy







Alt Fuels/Zero emission



Electric, CNG, LNG, LPG, Hydrogen, Bio-Diesel

Material Technology



Light weighting - HSS, Aluminium Composite

Connected Vehicles



ADAS, Telematics, Remote Diagnostics

Comfort & Safety



AMT, HVAC, Airbag

ESG committee formed to enable sustainability governance and reporting





Carbon Footprint



Renewable energy

60% consumption all India across plants

- Solar park
- Windmill

Water Conservation



Positive Water Balance Index

Verified by DNV-GL in 2019

- > 7L trees planted
- Recharge over twice the consumption

Promotion of Education



Road to School Program

Online teaching, learning and assessments. Social & emotional wellbeing

- 70,000+ Students
- 800+ Schools



Water, Health & Hygiene



Jal Jeevan

Sustainable water management, health and hygiene







I. Rock Solid & Resilient

II. Ready for the future







Mobility undergoing disruptive change



2021-2030

> 2030











































Technology Ready - Trucks Alternative powertrains (Next 10 years)











LCV Trucks (<7.5T)











ICV Trucks (7.5T - 16T)











(19T to 55T)









High

Low

Likely Evolution





Technology Ready – Buses Alternative Powertrains (Next 10 years)





























High

Likely Evolution

Low



Building Digital Mobility Ecosystem Connected Solutions Marketplace of the Future



Ecosystem data





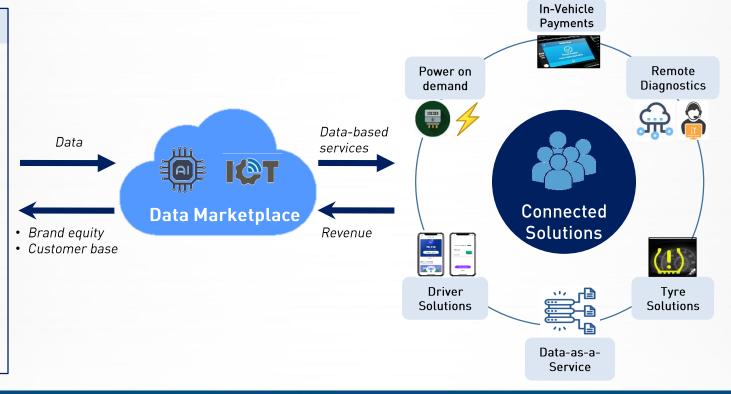








OEMs, Channel partners, Customers, Charging providers, Govt. bodies, Financiers, Insurers, Aftermarket, etc.







e-LCVs e-Buses





- A separate entity: nimble-footed, "Startup characteristics"
- Leverage AL's distribution network, technology capability
- Headquartered @ UK : closer to key EV transition geographies
- Large manufacturing facilities : UK & India as hubs







PROVEN

► Established platform - Scalable

WORLD-CLASS



NET ZERO

► Sustainable practices



INTELLIGENT

► Digital native approach



▶ Lowest Total Cost of Ownership (TCO)









Key Differentiators



Business Models

Gross-cost Contract (GCC), Battery as a Service, Vehicle as a Service, Vehicle Subscription



Lowest TCO in the Industry

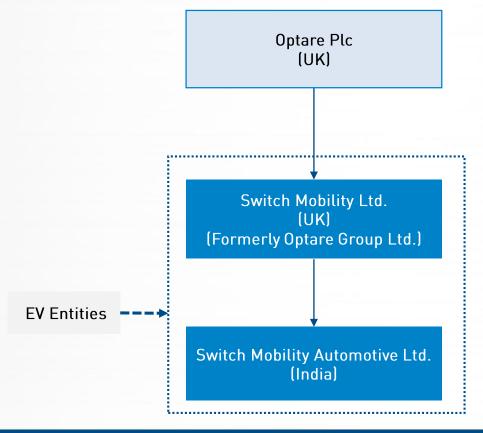


End to End Solutions



Structure of SWITCH









INVESTOR MEET

JULY 2021 -





THANK YOU!







SWITCH

VISION

Be a global technology leader providing zero carbon commercial mobility products and solutions that creates outstanding value for all our stakeholders

MISSION

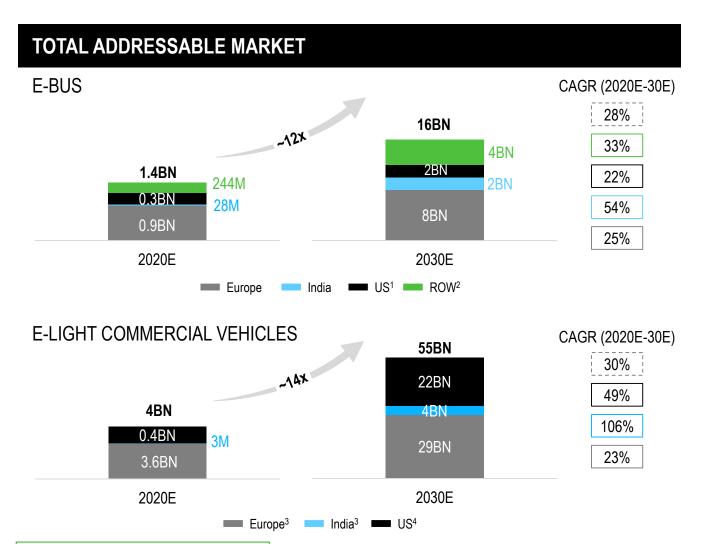
Enriching lives through green mobility

- Empowering our people to be agile, innovative and responsible
- Intelligently using our technology and data
- Delivering lowest lifecycle cost products and solutions
- Ensuring zero impact on the environment

Source: Company information.

SWITCH TARGETS A TAM OF GREATER THAN 70 BN USD IN LARGEST AND





FASTEST GROWING EV MARKETS









Improving cost economics led by batteries

CORE VALUE PROPOSITION





PROVEN

- ▶ Proven track record with 280+ EVs on road in developed & developing markets.
- ▶ Day 1 established platform with global scale

2



WORLD-CLASS TECHNOLOGY

- ► Lowest Total Cost of Ownership (TCO) driven by light-weighting technology & vehicle optimization
- ► Unique MaaS offering e-bus and e-LCV focused ecosystems

3



INTELLIGENT

- ➤ **Digital native approach** to fleet solutions with all EVs embedded with proprietary telematics platform
- ► 2TB of data used each day to feed digital solutions

4



NET ZERO

- ➤ Zero emissions emitted from vehicles and net zero carbon in all company operations
- ➤ Sustainable practices e.g., 2nd life battery partnerships









SW//TCH

SWITCH IS A MATURE SET-UP FUELLED BY INNOVATION AND TECHNOLOGY

With 280+ EVs already on road, >\$130 Mn invested, SWITCH has a strong product line which is technologically advanced as

compared to peers

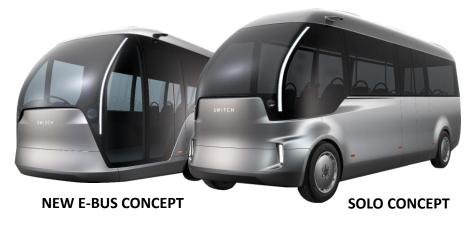
EVOLUTION OF E- BUS



METROCITY

CIRCUIT

METRODECKER



EVOLUTION OF E- LCV



E-LCV CURRENT



E-TRUCK CONCEPT

E-CREW CONCEPT

E-VAN CONCEPT

GENERATION 1

GENERATION 2

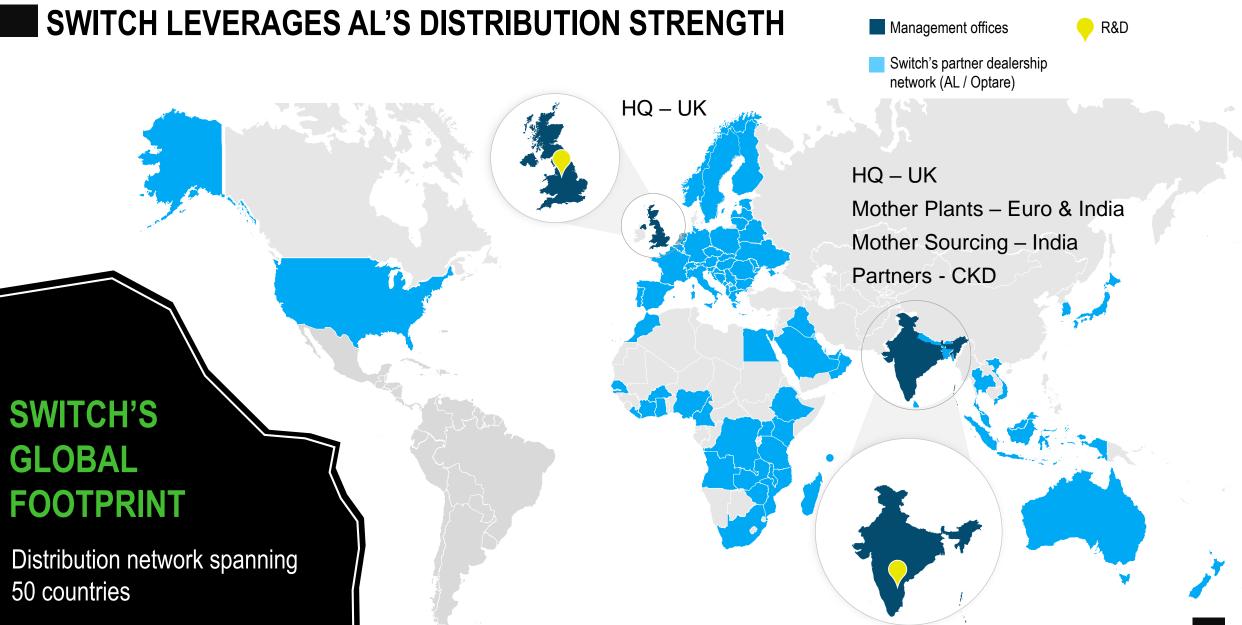








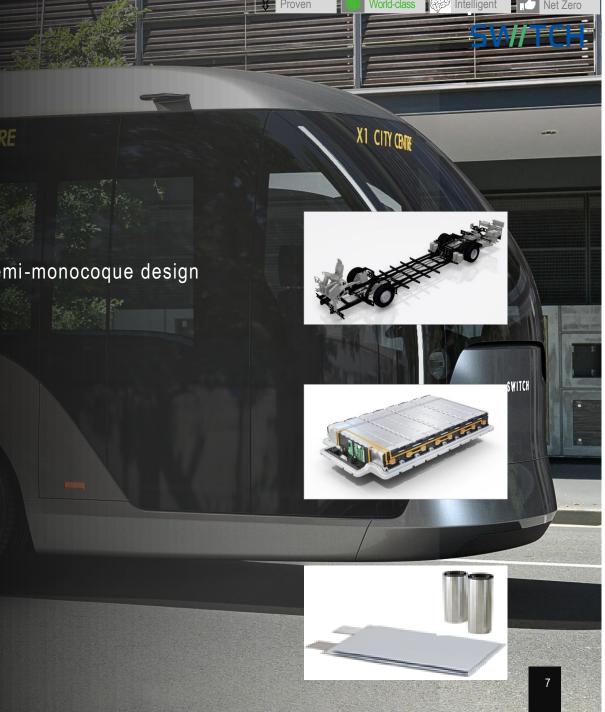
SW//TCH



SWITCH LEVERAGES GLOBAL SCALE TO ACHIEVE LOWEST TCO IN ALL MARKETS

SWITCH JOURNEY TO BEST-IN-CLASS TCO

- STARTING POINT: LIGHT-WEIGHT COMPETITIVE ADVANTAGE
 - ► Lighter material (incl. plant based composites) used with semi-monocoque design
 - ► Efficient battery size and placement configurations
- COMBINING BEST OF UK & INDIA: MODULAR PLATFORMS
 - ► Universal platform across applications & geography
 - ► Economies of scale and wage
 - ► Expertise advantage with India-based R&D CoE
 - BEST IN CLASS CELL, BATTERY PACK & BMS:
 - ► Strategic cell sourcing from reputed global suppliers
 - ► Co-develop BMS software with leading partners
 - ► Design, develop and assemble battery pack









SW//TCH

SWITCH USES DATA IN A 'DIGITAL TWIN' APPROACH TO REDUCE TCO AND CARBON FOOTPRINT

'DIGITAL TWIN' APPROACH SIMULATES ROUTES BASED ON DATA

Vehicle

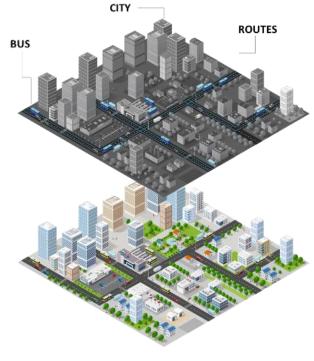
Onboard tracking of EV location, speed, performance, temperature, tire performance, battery and driver performance, occupancy rate

Route

Digital twin mapping of the EV route, with information on roads, traffic rules

City

Enrichment of bus and route digital twin data with traffic patterns, weather data, etc.





THE CITY DIGITAL TWIN LOWERS TCO
BY COMBINING BUS AND ROUTE
INSIGHTS TO MINIMIZE BATTERIES
BY OPTIMIZING BUS OFFERING
GIVEN ROUTE REQUIREMENTS

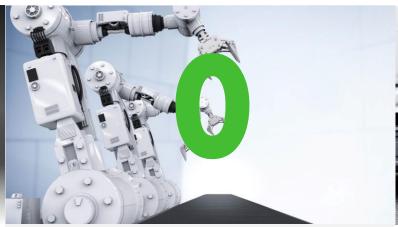




SW//TCH

OUR CARBON EMISSIONS VISION IS BOLD: ZERO, ZERO, ZERO







ZERO CARBON IN USE

- ▶ 100% zero emission vehicles
- ► Green power options with local energy partners
- ► Renewables power for MaaS miles with eMaaS entity

ZERO CARBON OPERATIONS

- ► Renewables power all plants and offices
- ► Carbon free logistics powered by fossil-free fuels
- ▶ Use of BEV service fleet

ZERO CARBON SUPPLY CHAIN

- ► All emissions abated from ingoing materials, e.g., fossilfree steel
- ► End-of-life recycling of vehicles and partnerships for 2nd life battery usage









ACCELERATING ZERO CARBON MOBILITY

VISION

Be a leading mobility services provider enabling access to zero carbon commercial mobility products and solutions that creates outstanding value for all our stakeholders







Zero Emissions

MISSION

Enriching lives through accelerating green mobility

- Empowering our people to be agile, driven and responsible
- Offering innovative and customer centric service models
- Deploying fully integrated portfolio of services
- ► Ensuring lowest lifecycle cost for our services



Zero Capital – OPEX based Business Model



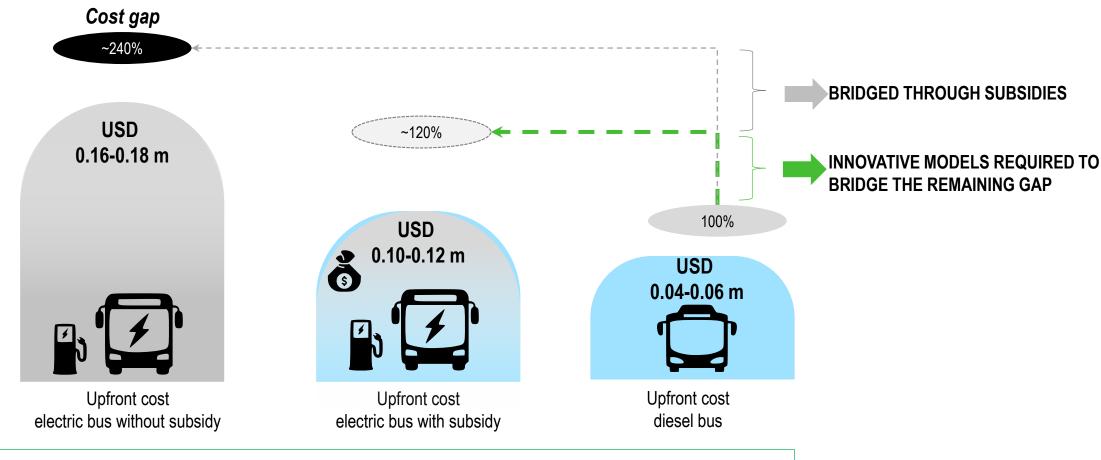
Vehicle Lifecycle Management



Advanced Digital, Connected and Energy Services

INNOVATIVE PAY-AS-YOU-USE MOBILITY-AS-SERVICE MODELS ARE CRITICAL TO ENABLE UPTAKE OF ELECTRIC CVS





- ICE* diesel bus today costs about one-third of electric bus
- Subsidies still do not bridge the gap between ownership
- Parity can only be achieved through vehicle lifecycle management

OHM GLOBAL MOBILITY PROVIDES CUSTOMISED AND CONNECTED MOBILITY SOLUTIONS, BASED ON LOWEST TCO PROPOSITION





CUSTOMIZED BUSINESS
MODELS FOR DIFFERENT
CUSTOMER ARCHETYPES



2 LOWEST TCO
PROPOSITION IN THE
INDUSTRY



3 DRIVEN BY SUCCESSFUL E-MAAS EXPERIENCE IN INDIA



CONNECTED,
INTELLIGENT AND
SUSTAINABLE
PLATFORM



CUSTOMIZED BUSINESS MODELS – FLEXIBLE AND CUSTOMER-CENTRIC



Gross-cost Contract (GCC) = State Bus Transport Operators



Battery as a Service
= Bus Fleet
Operators





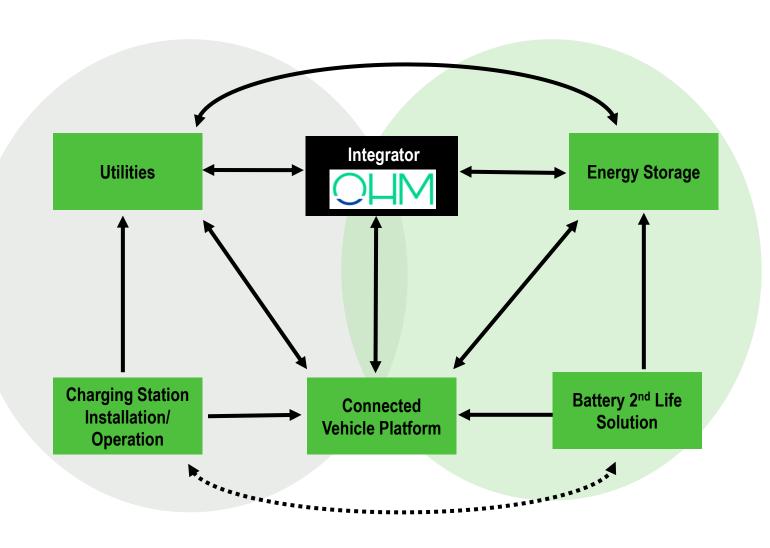


OVER 2 MN. EMAAS BASED ELECTRIC MILES CLOCKED IN INDIA

Over 2 MN. Electric Miles Already Covered Across 3 Cities Chandigarh Bihar (40 eBuses by 2021) (25 eBuses) **Route And Schedule Planning Bus Operations Ahmedabad** (50 eBuses) **Charging Planning And Operations** 🖶 Operational Planning And **Monitoring** eMaaS trials currently underway in Bangalore and Chennai



INTEGRATOR MODEL: CONNECTED, INTELLIGENT AND SUSTAINABLE PLATFORM



	Business Model	Integrator
$\stackrel{\bullet}{\bigcirc}$	Offering e-vehicle	\checkmark
	Installation / operation charging station	✓
	Battery and Services	\checkmark
	Sale of Energy (in partnership with utilities)	✓
	Value-Added Services (load balancing, V2G)	\checkmark
	Energy Management & Storage Solution	✓
ð	Fast-charging solution	✓
	Connected Intelligent Fleet Management Solution	\checkmark
	Battery 2 nd Life	\checkmark



WE ARE REVOLUTIONIZING COMMERCIAL E-MOBILITY



Complete
Freedom of
Vehicle Design



Modular
Battery
Configuration



Low Cost Sourcing & Manufacturing



Digital native approach for Smart Cities



Unique Mobility as a Service Offering



Digital Fleet Management Services



Integrated Energy Offering



OPEX based ownership solution



Asset Life cycle management



280+ EVs already on the road across the Globe