e-Bus Fleet, Battery & Charging Infra



Planning, Management & Optimization

Prabhjot Kaur, PhD Co-Founder and CEO

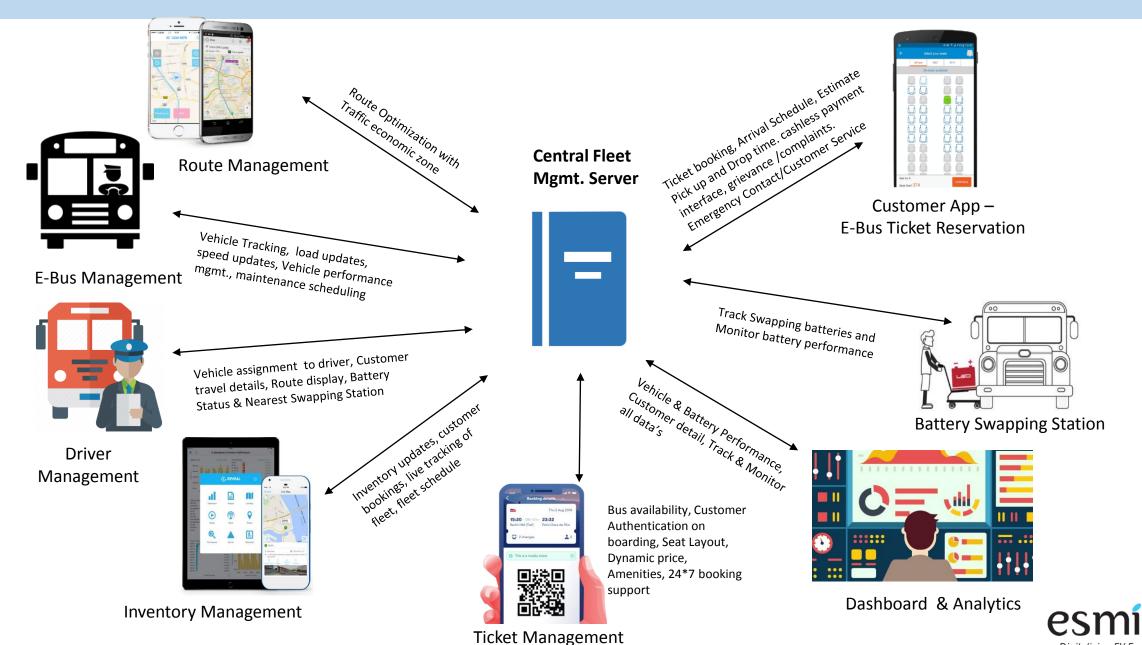


Technology for e-Bus Fleet for STU



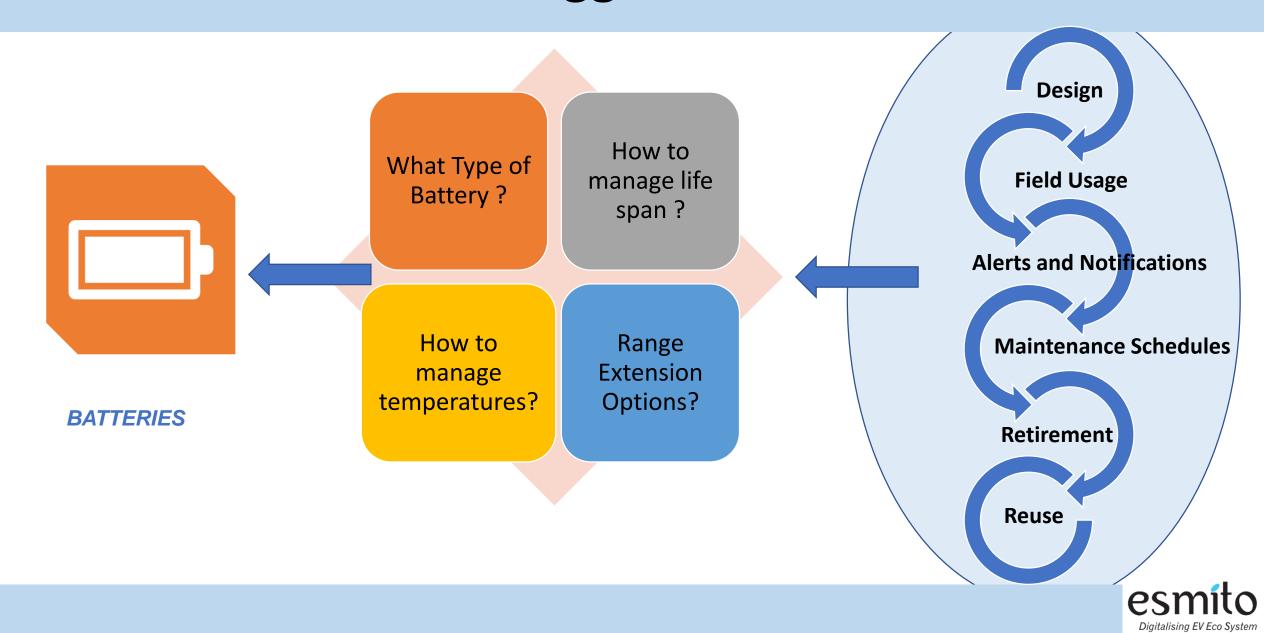


e-Fleet Management Platform for STUs

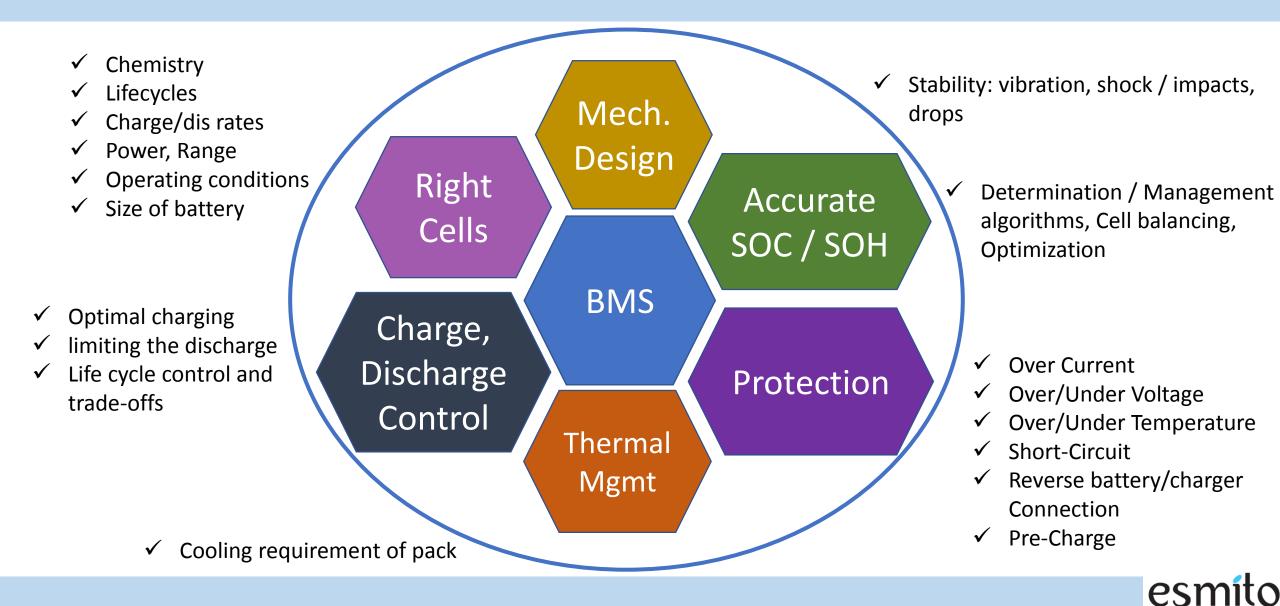


Digitalising EV Eco System

The Bigger Threat



Battery safety: Designing Stage



Digitalising EV Eco System

Battery Safety: While in Operations



ASSETS





BATTERIES
PERFORMANCE
AND SAFETY
ALERTS



DRIVING BEHAVIOR AND PATTERN



DRIVER EFFICIENCY



ALERTS ON FAULTS/ERRORS IN ASSETS



FLEET UTILIZATION ANALYSIS



CUSTOMER FEEDBACK ANALYSIS

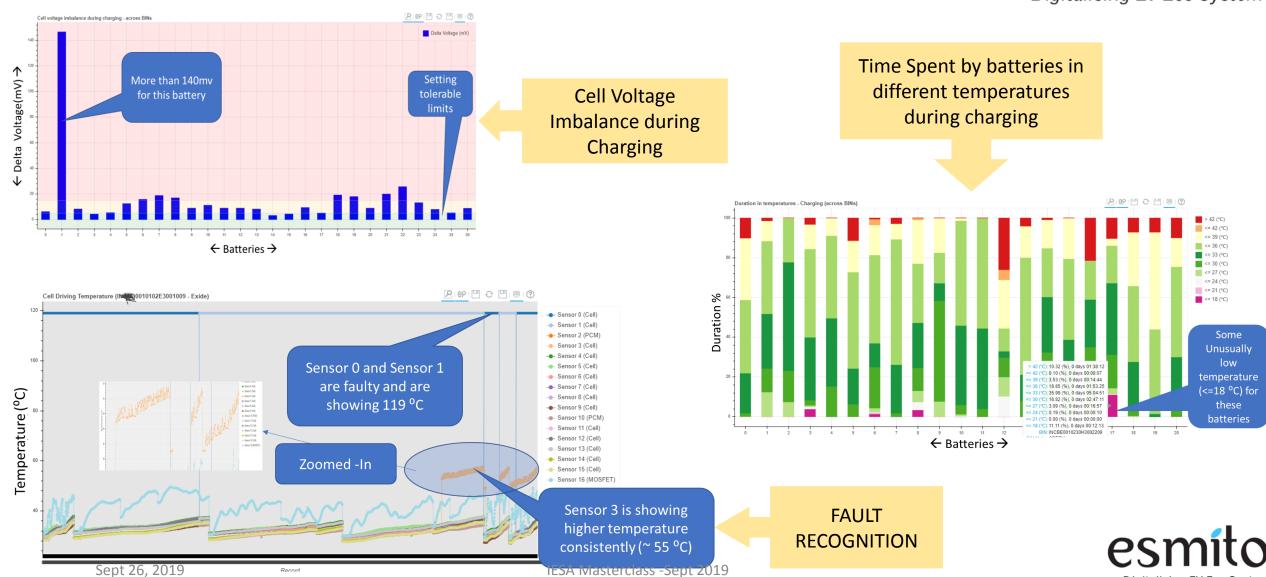


Sample Analytics: Battery

← Driving data points →



Digitalising EV Eco System



Categories Subsystems

- Predict and Prevent Threats and accidents
- Compare Assets and bring out the best selection
- Aid in Planning and Re-planning of Infra / Network
- Recognise and layout training plans at all levels through data analytics

Batteries

- Filter good batteries from batteries under threat
- Batteries needing maintenance
- Ease in maintenance

Chargers

- Bring out good strategy on type and location of chargers
- A good mix of technology: Swapping and charging
- Re-Planning

Drivers

- Rating of drivers
- Trainings needs recognition with help of data analytics

Vehicles

- Performance comparisons
- Selection and feature selection, packaging of Buses





Digitalising EV Eco System

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