

IN-PERSON TRAINING 

# ELECTRIC BUS WEEK

18 > 22 NOVEMBER, 2024  
SHENZHEN, CHINA

UITP Academy is pleased to announce the launch of its advanced training programme and study tour focused on **Electric Bus Planning, Operations & Maintenance**, along with its Regional Training Centre partner Shenzhen Bus Group (SZBG).

Early bird  
rate ends  
31 July 2024

Registrations close  
23 August  
2024\*

\*Due to visa processing requirements in China.



[Register Here](#)

## HERE'S WHAT YOU WILL LEARN

- Explore the advantages and disadvantages of various technologies for achieving an optimal electric solution
- Learn about the products on offer, the competition and maturity level of the suppliers
- Leverage technology and data management to optimise operations and charging strategies
- Gain insights from successful major electric bus project implementations including e-bus system procurement, operations, and infrastructure

## WHO IS IT FOR

- Professionals eager to learn more about the technology, implementation, and the operations of electric buses
- Staff from public transport operators or authorities implementing a fully electric solution to the core part of the urban bus network
- Those wishing to obtain a wider and international perspective on e-buses and eager to learn more from global best practice

## A TOP LEVEL METHODOLOGY

- Participate in interactive plenary sessions with an introduction by course leaders, presentation by trainers and open discussion with participants
- Learn from expert trainers and share your knowledge in interactive workshops
- Gain an international perspective, enriched by different cultural approaches and points of view



UITP Training Programmes and all related processes are certified for ISO29990:2010 – the standard for learning services for non-formal education and training.

## TRAINERS

Our skillful trainers are composed of UITP lecturers and international experts.



**Ethan MA**  
*Deputy General Manager,  
Shenzhen Bus Group*



**Josep Enric GARCÍA ALEMANY**  
*Public Transport Consultant*



**Bonnie GUO**  
*Senior Business Manager,  
Shenzhen Bus Group Co Ltd*



**Muhammed Emre KIRAN**  
*Head of UITP Academy*



**Shaun TAN**  
*Head of UITP Asia-Pacific*

## LIMITED SEATS AVAILABLE

Choose from:

- 5-day training and technical trip
- or
- 2-day intensive technical trip

\* Due to visa processing requirements in China. Registrations for the training will close on August 23, 2024

For more information please contact our Asia Pacific office [asiapacific@uitp.org](mailto:asiapacific@uitp.org)

# AGENDA - ELECTRIC BUS WEEK

## Day 1 | Monday, 18th November 2024

- 09:00 Welcome & Introduction. Expectation Analysis
- 09:45 **Session 1:** Key Policy Drive to Introduce ZEB in Urban Environment
- 11:00 *Break*
- 11:30 **Session 2:** Introduction to Electric Solutions for Urban Bus Networks
- 13:00 *Lunch*
- 14:00 **Session 3:** Vehicles, infrastructure, chargers, state of the market
- 15:30 *Break*
- 16:00 **Session 4:** Batteries for electric buses
- 17:30 End of Day 1

## Day 2 | Tuesday 19th November 2024

- 09:00 **Session 5:** Procurement Basics and Specification Design
- 10:30 *Break*
- 11:00 **Session 6:** Workshop - Life Cycle Cost Analysis (LCCA), different options of E-Bus
- 12:30 *Lunch*
- 13:30 **Session 7:** Operation Planning: Route Selection and Scheduling E-bus fleets
- 15:00 *Break*
- 15:30 **Session 8:** ITS System for e-bus operation from data to actions
- 16:30 **Session 9:** Case Study - Implementing and optimising large e-bus fleet operations
- 17:30 End of Day 2

## Day 3 | Wednesday 20th November 2024

- 09:00 **Session 10:** Manpower Planning and Capacity Building for E-bus Maintenance
- 10:30 *Break*
- 11:00 **Session 11:** Depot Infrastructure and Equipment Planning
- 12:30 *Lunch*
- 13:30 **Session 12:** Occupational Health and Safety for maintenance of E-bus
- 15:00 *Break*
- 15:30 **Session 13:** Safety Basics and Emergency Handling of E-Bus
- 16:30 **Session 14:** Workshop-Basic Operational Analysis for E-Bus
- 17:30 End of Day 3

## Day 4 | Thursday 21st November 2024

- 09:00 **Technical Visit:** Visit the e-bus charging station and charging facilities
- 12:30 *Lunch*
- 13:30 **Technical Visit:** Visit the Intelligent Management Centre
- 17:00 End of Day 4

## Day 5 | Friday 22nd November 2024

- 09:00 **Technical Visit:** Take a trial ride on the autonomous bus
- 12:30 *Lunch*
- 13:30 **Technical Visit:** Visit to Intelligent Multi-Storey Bus Parking Garage
- 16:00 Wrap Up and Closing
- 16:30 End of Training Programme

\*UITP reserves the right to make amendments to the programme or any related activity at its discretion