

IN-PERSON TRAINING 

# ELECTRIC BUSES: FLEET & INFRASTRUCTURE PLANNING, OPERATIONS AND MAINTENANCE FOR NORTH AMERICA

SEPTEMBER 27 > 29, 2023  
NEW JERSEY, USA

As cities worldwide strive for zero-emission environments, transport authorities and operators are embracing fully electric options for their bus networks. Join UITP Academy's Electric Bus training program for a comprehensive overview of successful electric solutions for bus networks.



Limited seats  
available!

Early bird rate ends  
23 August 2023



[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 optimize 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

## TRAINERS

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



**Alok JAIN**  
Managing Director,  
Trans-Consult Ltd.



**Johannes LIEBERMANN**  
Project Manager for Autonomous  
Driving and Hydrogen,  
Wiener Linien



**Khushboo SHRIVASTAVA**  
CEO & Co-Founder,  
Coulomb AI



**Emre KIRAN**  
Head of UITP Academy



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

For more information please contact Sunita Kelecom at [sunita.kelecom@uitp.org](mailto:sunita.kelecom@uitp.org)

# AGENDA - ELECTRIC BUSES: FLEET & INFRASTRUCTURE PLANNING, OPERATIONS AND MAINTENANCE

## Day 1 | Wednesday, 27 September

- 09:00 Welcome and Introduction to the course  
Expectation Analysis
- 09:30 **Session 1:** Introduction:  
A zero emission solution for urban bus networks
- 11:00 Break
- 11:30 **Session 2:** E-bus technology and charging infrastructure  
and state of the electric bus market
- 13:00 Lunch
- 14:00 **Session 3:** Getting the procurement process right
- 15:30 Break
- 16:00 **Session 4 - Case Study:** Developing an electric bus operation  
and procuring electric buses
- 17:30 End of Day 1

## Day 2 | Thursday, 28 September

- 09:00 **Session 5:** Electric Bus Depot Design and Locations
- 10:30 Break
- 11:00 **Session 6:** Charging and Energy Infrastructure Planning
- 12:30 Lunch
- 13:30 **Session 7:** Safety Basics for Electric Buses
- 15:00 Break
- 15:30 **Session 8:** Manpower Planning and Capacity Building for  
Maintenance
- 17:00 End of day 2

## Day 3 | Friday, 29 September

- 09:00 **Session 9:** Large scale bus electrification: new challenges for IT systems
- Optional** *Workshop and discussions on the lessons learnt from electric bus  
deployment and operations*
- 10:00 Break
- 10:30 Host city presentations
- 11:30 Wrap-Up, Evaluation, Certificates
- 12:00 Lunch Break
- 13:00 Departure for the technical visit
- 17:00 End of Training Program

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