

### **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.











#### HERE'S WHAT YOU WILL LEARN

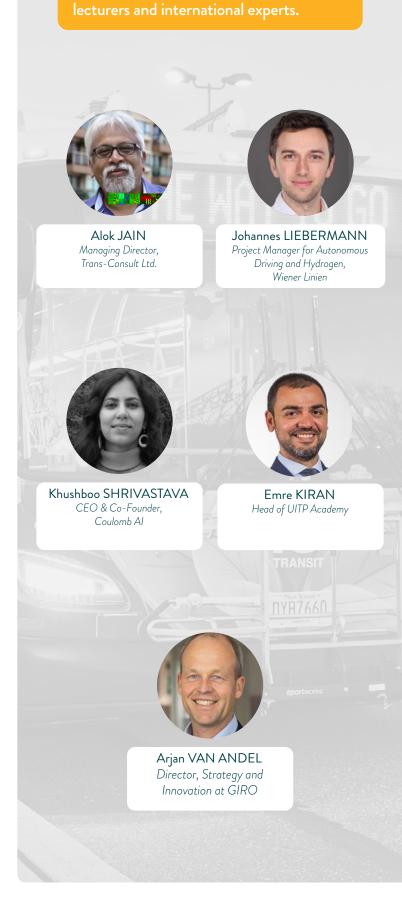
- Explore the advantages and disadvantages of various technologies for achieving an optimal electric solution
- Learn about the products on offer, the competition and maturity level of the suppliers
- Leverage technology and data management to optimize operations and charging strategies
- Gain insights 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







## FLEET & INFRASTRUCTURE PLANNING, OPERATIONS AND MAINTENANCE

	D. 1 W. L   27 C
00.00	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 reserv	es the right to make amendments to the program or any related activity at its discretion









