



Third Conference on

CLEAN BUSES UK

October 9, 2024 | Hilton London Kensington

179-199 Holland Park Avenue, London W11 4UL, United Kingdom

Hosted by:

Global **Mass Transit**

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Accelerating Transport to Zero Emissions

October 9, 2024

Time (BST)	Session	Topic	Speakers
8:00-8:50	Registration, Tea/Coffee and Networking		
8:50-9:15	Session 1: Driving the Future of Clean Transit: Improving the Business Case for ZEBs in the UK	• The role of clean buses in the changing UK market • The business case for clean buses • Funding & financing	<i>Presentation by:</i> • Ben Foulser, Partner, KPMG LLP • Moderator: Stephen Wood, Country Lead UK & Ireland, Heliox
		Discussion and Q/A with the delegates	
9:15-10:15	Session 2: Keynote Panel on Leading the Way: ZEB Deployment in the UK, Experiences and Best Practices	• Experience so far, lessons learned and best practices in the deployment of ZEBs • Strategies for improving ridership • Funding and financing • Future plans, investments and timelines • Skilled jobs and apprenticeship opportunities to train the task force	<i>Panel discussion amongst:</i> • Martin Dean, Managing Director for UK Regional Bus, Go-Ahead • Patrick Warner, Head of Zero Emission Transformation, Metroline • Dan Mansfield, Director – Transport-Local Authority Advisory & Lending, UK Infrastructure Bank • Moderator: Tim Howgego, Consultant, ERM
		Discussion and Q/A with the delegates	
10:15-10:45	Tea/Coffee and Networking Break		
10:45-12:00	Session 3: Steering the Future: Policies, Programs, and Funding for Clean Transit	• EBRD as an international funding institution – set-up, policies, funding instruments and ‘how we work,’ E-mobility- actions and initiatives; introduction of the e-bus policy paper; case studies of EBRD’s clean bus investments by EBRD • Challenges and opportunities for community-led climate action; how the Community Transport sector is decarbonising fleets; the policies, strategies and investment which needs to be in place to help local, non-profit operators do this; and how this can improve accessibility for passengers to better meet everyone’s transport needs by Community Transport Association • Changes to the legal and regulatory framework required to raise the bar on accessibility; political will to prioritise bus services; active involvement of disabled people in the design of infrastructure and the running of services; are buses cleaner than most other motorised transport; is electricity genuinely a clean fuel; and where does the recycling of large batteries fit with the clean agenda by Bus Users	<i>Presentations by:</i> • Ian Jennings, Senior Urban Transport Specialist, European Bank for Reconstruction and Development (EBRD) • David Kelly, Director for Scotland, Community Transport Association • Claire Walters, Chief Executive, Bus Users • Moderator: Dominic Scholfield, Mobility Team Leader, Cenex
		Discussion and Q/A with the delegates	
12:00-12:25	Session 4: The Autonomous Revolution: Navigating the Future of Electric Mobility	• Autonomous e-ATAK, experiences in USA and in the EU	<i>Presentation by:</i> • Okan Bas, CEO, Karsan Automotive • Moderator: David Barnett, General Manager Engineering, Translink
		Discussion and Q/A with the delegates	
12:25-12:45	Session 5: Scaling Autonomous Shared Mobility: Learnings and Insights from Oxa’s Commercial Deployments	• Oxa’s real-world experience in deploying commercial autonomous shared mobility solutions - and how it is driving the industry towards widespread adoption. • Discover more about Oxa’s vision, its technology and products, its strategy for scaling, and insights gained from deploying autonomy for customers.	<i>Presentation by:</i> • Richard Jinks, Chief Operating Officer, Oxa • Moderator: David Barnett, General Manager Engineering, Translink
		Discussion and Q/A with the delegates	

13:45-13:15	Session 6: Strategic Deployment: Identifying Optimal Regions for Hydrogen Bus Implementation	• The limits of battery electric: the potential for hydrogen: Analysis of the potential for hydrogen buses in Europe (under the JIVE project) • Focus on bulk analysis of passenger schedules and insights into which routes / regions are likely to be easy to decarbonise with battery electric buses and which are expected to be more challenging, and hence could be better suited to hydrogen buses	<i>Presentation by:</i> • Tim Howgego, Consultant, ERM • Moderator: Dominic Scholfield, Mobility Team Leader, Cenex
Q&A with the delegates			
Lunch and Networking Break			
14:15-15:30	Session 7: Powering the Shift: Infrastructure Solutions and Strategies for Electric Bus Deployment	• How Buses are Leading the Way in Vehicle Electrification; VEV helping bus fleets in the private and public sector to accelerate their EV journey through innovation: <i>Kent County Council</i> using ultra-fast pantograph chargers to enable their FastTrack BRT (Bus Rapid Transit) to go electric; <i>Tootbus</i> combining repowered vehicles, solar generation & smart charging to deliver it's green ambitions by VEV • Accelerate to Zero: A cost-effective pathway to electrification; and bus depot electrification and energy supply solutions by Shell eDepot Solutions UK • Optimization of charging infrastructure for heavy transport: opening up chargers to the public to increase revenue and mitigate infrastructure shortfalls; enabling faster time-to-market at locations with limited power through energy management; improving TCO and ROI through grid services like frequency regulation, allowing CPOs to receive economic compensation for actively balancing the grid; and enhancing the charging experience with automatic vehicle recognition and charging initiation (Plug&Charge and AutoCharge) by Spirii • Main challenges and needs of the e-bus market in the UK, the most interesting projects of urban electrification by Ekoenergetyka	<i>Presentations by:</i> • Simon Cubitt, Strategic Partnerships Director, VEV • Sachin Mohanani, Market Deployment Manager, Shell eDepot solutions UK • Torben Fog, CIO & Co-Founder, Spirii • Neal Gaughan, Key Account Manager- UK and Irish Markets , Ekoenergetyka • Moderator: David Barnett, General Manager Engineering, Translink
Discussion and Q/A with the delegates			
15:30-16:45	Session 8: Driving Success: Case Studies and Best Practices in Electric Bus Deployment	• Powering A Cleaner Tomorrow: Future-proof rapid charging solutions tailored to your business needs by Heliox • EV Infrastructure lessons learned from expanding EV fleet from 200 EVs in 3 locations to 600+ in 10 locations in a year by First Bus, FirstGroup PLC, UK • A strategic overview of electrification in London, an update on TfL's progress of the deployment of electric buses, an update on infrastructure upgrades across London, challenges of electrification by TfL • Delivery of the first of 105 electric buses and installation of the chargers; preparations for bringing them into service; key updates; challenges and solution; insights with regards to low fares, more services, improvements like new bus shelters, bus priority and real time passenger information by Warrington Borough Council	<i>Presentations by:</i> • Stephen Wood, Country Lead UK & Ireland, Heliox • Faizan Ahmad, Decarbonisation Programme Director, First Bus, FirstGroup PLC, UK • Lisa Dipnarine, Senior Zero-Emission Bus Development Manager, Transport for London (TfL) • Steve Hunter, Deputy Director-Transport & Infrastructure, Warrington Borough Council • Moderator: Dominic Scholfield, Mobility Team Leader, Cenex
Discussion and Q/A with the delegates			
End of Conference			