



Conference on

FLEET ELECTRIFICATION IN EUROPE

Policies and Plans, Solutions and Technologies

December 6-7, 2023 | Amsterdam Marriott Hotel, The Netherlands

Hosted by:

Global **Mass Transit**

Supported by:

Global **Transmission** Report

REGLOBAL
Analysis and perspective for CXOs



Sponsors:



Day 1: December 6, 2023 (as on December 4, 2023)

Time (CET)	Session	Topic	Speaker
8:30–9:25	Registration, Tea/Coffee and Networking		
9:25–9:30	Welcome Remarks	Welcome remarks & mission of the conference	Jyoti Suri, Global Mass Transit
9:30–10:00	Keynote Address: Advancing Fleet Electrification by the Dutch Ministry of Infrastructure and Water Management	- Why we should transition to ZE medium- and heavy-duty vehicles? - Dutch policies supporting the transition to ZE transport - Examples of projects which accelerate this transition - Taskforce that supports the roll-out of charging infrastructure for medium- and heavy-duty vehicles on national level; Global Memorandum of Understanding on the uptake of ZE medium- and heavy-duty vehicles on international level	<i>Keynote address by:</i> - Marise Meijer, Advisor International Sustainable Logistics, Netherlands Enterprise Agency (RVO.NL), Ministry of Infrastructure and Water Management, The Netherlands Moderator: Sofie Defour, Climate and Freight Director, Transport & Environment (T&E), Belgium
<i>Q&A with the delegates</i>			
10:00–10:45	Session 2: Navigating EU Climate Goals, Urban Challenges & Initiatives	- EU climate goals and transport emissions; the importance of car fleets to speed up electrification; taxation systems in different countries; state of play of electrification (EU and Member States); EU initiatives that can speed up fleet electrification and why this is necessary; effects of EU action on fleets by Transport & Environment (T&E) - Urban challenges in electrification: electrification of city fleets – leading by example; electric charging infrastructure for fleets – integration of planning for different uses, competition for space, semi-private parking spaces, inclusivity, user-friendliness; Incentives for private actors on city level; public procurement (electric HDVs) by Eurocities	<i>Presentations by:</i> - Stef Cornelis, Programme Director, Electric Fleets, Transport & Environment (T&E), Belgium - Kateřina Kůhrová, Project Officer, Eurocities, Belgium Moderator: Theodora Skordili, Business Development Manager Europe, Cenex, The Netherlands
<i>Q&A with the delegates</i>			
10:45–11:15	Tea/Coffee and Networking Break		
11:15–11:45	Session 3: Accelerating Fleet Electrification to Meet Net Zero Goals	- Making fleet electrification a top priority in Europe - Experience so far, best practices and lessons learned - Key challenges, policy and regulatory recommendations - Critical dependencies, raw materials and supply chain bottlenecks - Workforce management, training and upskilling	<i>Presentation by:</i> - Rowana Legito, Project Manager Europe – Drive to Zero, CALSTART, The Netherlands Moderator: Marion Pignel, Project Officer, Eurocities, Belgium
<i>Q&A with the delegates</i>			
11:45–12:45	Session 4: Plans, Progress and Practices for Fleet Electrification: I	- Challenges the Dundee population faces regarding the uptake of EVs; use of renewable energy for a range of operations within the council; complex EV strategy across the city; future EV projects by Dundee City Council - Fleet electrification challenges and solutions: Challenges like the lack of	<i>Presentations by:</i> - Fraser Crichton, Corporate Fleet Manager, Dundee City Council, Scotland - Hanan Klainer, VP of Sales, Make My Day, Israel - Candace Saffery Neufeld, Founder & CEO, Bia Power, Spain

		tools for the electrification process, range anxiety, daily operations; Solutions like fleet operations with smart software solutions for EV drivers and fleets by Make My Day What is smart charging?: Business cases and specific customer examples; and future proof your electrification journey by Bia Power	Moderator: Theodora Skordili, Business Development Manager Europe, Cenex, The Netherlands
		Q&A with the delegates	
12:45–13:45	Lunch, networking and visit to sponsor exhibits		
13:45–14:45	Session 5: Plans, Progress and Practices for Fleet Electrification: II	- Heliox’s journey into providing world-class charging and smart energy management solutions within a fast-changing e-mobility landscape by Heliox Energy - How to achieve the most efficient fleet charging process; what are the constraints to consider; which benefits can be achieved; how does the tech work by RiDERgy - Introduction to The City of Edmonton’s journey to electrification; insight into the strategy to convert its nearly 1000 diesel buses to a zero emission fleet; challenges of facility retrofits and charging infrastructure in deploying 60 battery electric buses into revenue service by The City of Edmonton	<i>Presentations by:</i> - Erik van Beusekom, Director of Business Development, Heliox Energy, The Netherlands - Claudio Geyken, CEO & Founder, RiDERgy, Germany - Derek Hanson, Director, Transit Fleet Maintenance, The City of Edmonton, Canada Moderator: Richard Price, Director, Head of EV, Syzygy Consulting, UK
		Q&A with the delegates	
14:45–15:15	Session 6: Electric Utilities – Opportunity and Role	A Christmas Carol – the ghosts of electricity’s past, present and future: what do customers need from their utility provider?; what’s happened to electricity supply and capacity historically?; where do we find ourselves now and what must be considered today; planning for a flexible net zero future by edenseven	<i>Presentation by:</i> - Pete Nisbet, Managing Partner, edenseven, UK Moderator: Adrian Serna Tamez, Program Manager, Calstart, The Netherlands
15:15–16:00	Session 7: Cross-Sector Collaboration for Fleet Decarbonisation	- Powering the Sleigh – making sure Santa has the charge he needs: where do you optimally charge your fleet and why?; regulatory requirements and protocols to consider; how do we collaborate cross sector to deliver an electric fleet future by edenseven - The Fleet Operator’s Dilemma: Transitioning to zero emission Medium and Heavy Duty Vehicles (MHDV) in Europe and the importance of collaboration; review of macro drivers and barriers to zero emission MHDV market growth; assessment of key challenges being faced by fleet owners in decarbonisation transition; potential solutions by Ricardo	<i>Presentations by:</i> - Simon King, Partner, edenseven, UK - Tom Nokes, Senior Sustainable Transport Consultant, Ricardo, UK Moderator: Claudio Geyken, CEO & Founder, RiDERgy, Germany
		Q&A with the delegates	
Close of Day 1			

Day 2: December 7, 2023 (as on December 4, 2023)

Time (CET)	Session	Topic	Speaker
------------	---------	-------	---------

08:30–09:30		Reception and Networking	
9:30-10:00	Session 8: Electrifying Fleet in Poland	• Data-driven electrification; date with data in a big city • Do we know what we know? • Transport planning and modelling for electrification • What is coming? Brief look into the future	<i>Presentation by:</i> • Paweł Engel, Deputy Director- Transport Analysis Department, Centrum Unijnych Projektów Transportowych, Poland • Moderator: Richard Price, Director, Head of EV, Syzygy Consulting, UK
		Q&A with the delegates	
10:00-10:30	Session 9: Eco-Transit Spotlight: Ireland's Perspective	• Ireland’s national public transport fleet electrification • CIE Groups Fleet Sustainability plans • Ireland’s first urban EV deployment project in Athlone • Future regional cities EV rollout	<i>Presentation by:</i> • Ray Connolly, Senior Technical Manager Engineering, Bus Éireann, Ireland • Moderator: Richard Price, Director, Head of EV, Syzygy Consulting, UK
		Q&A with the delegates	
10:30–11:00	Session 10: Data and Analytics for Bus Electrification	• The importance of data quality when handling real-time electric fleet data • Context of electrification at De Lijn • Aim by 2035 and challenges	<i>Presentation by:</i> • Ward Gielis, Data Engineer and Esa Denaux, Data Engineer, De Lijn, Belgium • Moderator: Claudio Geyken, CEO & Founder, RiDERgy, Germany
		Q&A with the delegates	
11:00–11:30		Tea/Coffee and Networking Break	
11:30–12:00	Session 11: Successful Deployment of an All-Electric Bus Fleet and Depot in Warrington	• Delivery of ZEBRA in Warrington with full fleet replacement and new all-electric depot for council owned operator Warrington’s own Buses • Key issues and challenges including subsidy control, energy prices, interest rates, inflationary and availability pressures • Provision of green electricity from council owned solar farms	<i>Presentation by:</i> • Steve Hunter, Deputy Director, Transport and Infrastructure, Warrington Borough Council, UK • Moderator: Edwin O'Connell, Freight manager, Transport & Environment (T&E), Belgium
		Q&A with the delegates	
12:00–13:00	Session 12: Closing Session on Electrifying Road Transport	• Electrification of medium- and heavy-duty road freight: current state of road freight electrification; key hurdles to be tackled; solutions and the path going forward by Smart Freight Centre • Key challenges and infrastructure requirements; insight into the ZEFES project by IRU • De-risking fleet electrification and maximizing its value; Case studies to showcase what fleets are learning and how they are optimizing their approach for lifetime cost and emission savings, reducing upfront vehicle and infrastructure capex, and enabling quicker EV adoption across their organizations by Mckinsey & Company	<i>Presentations by:</i> • Ruben van Doorn, Fleet Electrification Coalition lead, Smart Freight Centre, The Netherlands • Raluca Marian, Director EU Advocacy / General Delegate, IRU Permanent Delegation to the EU, Belgium • Adam Seifert, Solution Associate, McKinsey & Company • Moderator: Sofie Defour, Climate and Freight Director, Transport & Environment (T&E), Belgium
		Q&A with the delegates	
Lunch and End of Conference			