



Global EV Pilot City Forum 2019

Electric, shared, connected, and automated mobility towards smart cities

Cities are at the forefront of new and emerging mobility trends, characterised by the increasing uptake of electric vehicles, growth in shared mobility services, and testing of automated vehicles. This second edition of the Global EV Pilot City Forum aims to bring together experiences of such transformations to create a vision for a new mobility paradigm enabled by emerging technologies and services.

Thursday, Nov 14, 2019

From 8:30	All participants are welcome to join the SMC Plenary Session
14:00-16:00	Site visit to LAN-YOU Mobility, Guangzhou

Friday, Nov 15, 2019, 09:00-17:30

Location: Wanda Vista, Huadu, Guangzhou Province, China

0900-0930 [30 mins]	<p>Welcome and opening:</p> <p>CHEN Linhao, Deputy Director, Department of international cooperation, Ministry of Science and Technology</p> <p>Introduction:</p> <ul style="list-style-type: none">• Welcome remarks, HOU Fushen, Deputy secretary general (Society of Automotive Engineers, China)• EVI: International collaboration for electric mobility, Marine GORNER, Energy and Transport analyst, EVI coordinator (International Energy Agency)
0930-1030 [60 mins]	<p>Session 1: Emerging technologies and services transforming urban mobility</p> <p>Shared, electric, connected and automated mobility solutions are reshaping cities around the world. But these transformations are often outpacing the policies and regulations needed to accommodate for these changes. Leading cities are successfully incorporating these technological transformations in their planning processes and mobility programmes. This session aims to highlight the current and upcoming key technologies being implemented across urban centres worldwide and to give context to the subsequent sessions for the day.</p> <p>Presentations</p> <ul style="list-style-type: none">• The global shift to electric mobility, Rob DE JONG, Head of Air Quality and Mobility Unit (United Nations Environment Programme)• EV100: Accelerating global EV uptake, HUI Yuming, China Director (The Climate Group)• Horizon 2020 demos for EV deployment, Maurizio MAGGIORE, Programme officer (DG RTD, European Commission)• Challenges and countermeasures for ICV Industrialization in China, LI Jiawen, CEO (Tus

	<p>Cloud Control Beijing Technology)</p> <p>Panel discussion Moderator: Rob DE JONG, Head of Air Quality and Mobility Unit (United Nations Environment Programme)</p> <p>Q&A</p>
1030-1050 [20mins]	Tea/coffee break
1050-1230 [100 mins]	<p>Session 2: Scaling up electric passenger transport in cities</p> <p>While at the forefront of EV deployment, cities often have limited resources to incentivise the uptake and use of private and commercial light duty EVs. Many cities have implemented successful programs that have accelerated the adoption of EVs in car sharing, taxi, and private vehicles, while others are still developing plans to promote them. This session aims to capture the various approaches and lessons learned in different contexts and application of intelligent and connected technologies.</p> <p>Cities across the world have ambitious electric bus deployment targets to reduce emissions and improve efficiency of transport systems. Some cities have already initiated electric bus roll-out and started the demonstration of automated buses, while others are at various stages of planning and procurement. However, cities are also facing challenges in identifying context-specific solutions and strategies on vehicle technology alternatives, incentive programmes, and model choice and accompanying charging infrastructure. This session aims to bring together lessons from cities that have introduced e-busses and seek for the future solutions for the future public transport.</p> <p>Presentations</p> <ul style="list-style-type: none"> • Best practices for scale up of electric mobility in cities, Katarina BARUNICA, Industrial Development Officer (United Nations Industrial Development Organization) • Shared mobility for the new energy vehicles era, CHEN Yuhong (DiDi development and research institute) • Efforts toward a low-carbon society by use of electric vehicle, YOKOZEKI Mayumi, Deputy Director (Electric vehicle promotion office and corporate planning, TEPCO) • Innovation and development of intelligent mobility networks, HU Xin, CTO (China Automotive Research Intelligent Network Technology) • From Pilots to Scale: The Experience of Santiago de Chile with Electric Buses, Sebastian GALARZA, Transport and Energy sector lead (Centro Mario Molina Chile) • XIE Haiming, Director (Shenzhen new energy and intelligent network automobile innovation center) (panel discussion only) <p>Panel discussion Moderator: Sarbojit PAL, Manager of partnerships (Clean Energy Ministerial Secretariat)</p> <p>Q&A</p>
1230-1345	Lunch break

[75 mins]	
1345-1505 [80 mins]	<p>Session 3: Electrifying urban freight transport (hosted by CALSTART)</p> <p>Freight vehicles are an important contributor to air pollution and climate emissions in cities. Electric freight vehicles, despite getting less attention than passenger cars or buses, are already coming to market. The introduction of electric freight vehicles will happen in phases, and urban applications such as city deliveries or refuse collection will be deployed first. Tackling existing barriers to their deployment will require strong policy, regulatory and investment support. By working collaboratively, cities can accelerate the uptake of electric trucks worldwide. This session will provide insights on how freight can embrace the benefits from electric trucks and how shared and intelligent technology benefits freight transport.</p> <p>Presentations</p> <ul style="list-style-type: none"> • Electrifying urban freight transport and the California experience, Cristiano FAÇANHA, Global Director (CALSTART) • Netherlands' approach to sustainable urban freight, Gerben PASSIER, Senior advisor (Netherlands Ministry of Infrastructure and Water Management) • Urban freight vehicle electrification in Shenzhen, XIE Haiming, Director (Shenzhen new energy and intelligent network automobile innovation center) <p>Panel discussion Moderator: Cristiano FAÇANHA, Global Director (CALSTART)</p> <p>Q&A</p>
1505-1525 [20 mins]	Tea/coffee break
1525-1625 [60 mins]	<p>Session 4: Policies and strategies to support smart and electric mobility in cities</p> <p>Cities play a key role in creating an enabling environment for electrified and smart mobility solutions. Cities have taken a range of approaches for rolling out chargers, using data for better transport planning and system optimisation, and leveraging national policies and programmes. This cross-cutting session aims to highlight and discuss key examples and lessons learned.</p> <p>Presentations</p> <ul style="list-style-type: none"> • Policies and strategies to support smart and electric mobility in cities, Ivan JAQUES, Senior energy specialist (The World Bank - ESMAP) • Zero-emission buses in Helsinki - strategy to large scale deployment, Mikko PIHLATIE, Research team lead (VTT Finland) • Shanghai's efforts on Electric Intelligent Connected vehicles, GUAN Qingping, Assistant General Manager (Shanghai International Automobile City Group) • Driving Dundee Electric, David BEETON, CEO (Urban Foresight) <p>Panel discussion Moderator: Ivan JAQUES, Senior energy specialist (The World Bank - ESMAP)</p> <p>Q&A</p>

1625-1725 [60 mins]	<p>EV Cities Casebook and Policy Guide: kick-off session</p> <p>This last session of the Pilot City Forum will be the occasion to present the concept of the 2020 EV Cities Casebook and Policy Guide and collect inputs and suggestions from PCP cities and urban mobility stakeholders to deliver impactful policy guidance helping local decision-makers in their electric mobility strategies.</p> <p>Presentation and moderator: David BEETON, CEO (Urban Foresight)</p>
1725-1730	<p>Closing remarks</p> <p>Yali Zheng (Society of Automotive Engineers, China)</p>
1730	End