



PEMERINTAH PROVINSI DAERAH KHUSUS IBUKOTA JAKARTA
DINAS KOMUNIKASI, INFORMATIKA DAN STATISTIK

Jalan Merdeka Selatan 8-9 Blok G Lt. 13 dan 3 serta Blok E Lt. 3
Telp. (021) 3823355 Fax. (021) 3848850 dan Fax. (021) 3823253
J A K A R T A 10110

SIARAN PERS
NOMOR: 2985/SP-HMS/03/2022

02 Maret 2022

JAKARTA E-MOBILITY EVENT DAY 2: WEBINAR ON GLOBAL CASE STUDIES AND LOCAL POLICY REVIEW ON ELECTRIC BUS DEPLOYMENT

JAKARTA - Jakarta E-Mobility Event is an Urban 20 (U20) side event, a series of events amongst mayors of the G20 Cities that aims to respond to the climate crisis by championing and accelerating the transition of carbon-neutral, inclusive, and resilient societies. DKI Jakarta committed to completely 'electrifying' commercial vehicles used for public transport in Jakarta. In line with Jakarta's commitment, DKI Jakarta, with the support of ITDP, UK PACT, C40-CFF, TUMI E-bus Mission, UNEP, CTCN, ICCT, and KPBB, is conducting an E-Mobility Event filled with webinars, workshops, and capacity buildings to increase the capacity of various stakeholders who are involved in the project. "Jakarta E-Mobility Event" begins with a keynote webinar accessible to the public through the DKI Jakarta YouTube channel on March 1st, followed by a series of webinars and workshops for stakeholders on March 2nd, 9th, and 16th.

Jakarta E-Mobility Day 2: Webinar on Global Case Studies with Experts from Around the World

Syafrin Liputo, Head of Jakarta Transport Agency, opened the Day 2 event. In his speech, Liputo explained the current landscapes of vehicles and public transport in Jakarta and current policies to accelerate the Jakarta electrification program. "Jakarta's commitment in achieving net zero-emission in 2050 is shown through government regulation 90/2021 about the action plan on low carbon development. Therefore, implementing non-motorized transport, MRT, LRT, BRT, electrification, and mandatory biofuel for vehicles are sustainable practices we must encourage and put into realization immediately. Currently, we are in the electric bus procurement process as we are preparing for depot and charging infrastructure to realize the operation of 74 Transjakarta electric buses in 2022 to mark the beginning of our journey to 100% electric buses in 2030."

The second session of the event was filled with experts worldwide who shared and discussed global case studies, best practices, and policy reviews on electric bus deployment, technology selection, and business model for electric buses and finding dissemination to city-level governments.

Yoga Adiwinarto, Director of Operations and Safety of Transjakarta, presented the Transjakarta Electrification Plan and the current progress of Transjakarta electrification. "Transjakarta is supporting the city's ambition to make public transport greener and more sustainable by electrifying the whole system, as we hope by 2030 all of our buses will be electric. We begin by electrifying non-BRT buses, as it is more simple where a depot for overnight charging will do, but for the BRT we will probably need on-corridor charging. After we finish the non-BRT and low entry feeder buses, we will start electrifying the BRT. The commitment of Transjakarta is to support the city's plan to make the city less polluting and more liveable, so the clean air mission can be achieved. By 2025 we hope to achieve the milestone of 50% electric buses."

Pawan Mulukutla, Director of Electric Mobility Program under Sustainable Cities at World Resource Institute India explained the road-based mass transit systems in Kolkata E-Bus deployment planning and procurement process in Kolkata. "In India, the national electric vehicle adoption program which included subsidy schemes for buses (FAME 1 and 2) significantly helped the procurement of electric buses. Other key factors in the accelerating e-buses deployment in India are the national long term vision and strategy for full transition, and strong initiatives from the local governments in implementing the electric buses."

Followed by Faela Sufa, Southeast Asian Director of ITDP shared global landscapes and trends of e-mobility and road-based public transport electrification in the EU, USA, and Asia. "On-road transportation is accountable for more than three-fourths of CO2 emission from the transportation sector in 2020. Electrification is not enough – the only way to achieve the 1.50C target is to combine electrification with compact city strategies. Indonesia needs to catch up its electric vehicle uptake, while also prioritizing the shift to non-motorized transport and public transport".

María Fernanda Ortiz, Mobility Consultant, Former Deputy General Manager of Transmilenio, a bus rapid transit (BRT) system that serves Bogotá, the capital of Colombia, and Soacha, since December 2000, shared the road-based mass transit systems in Bogota and E-Bus deployment planning and procurement process in Bogota. “The key elements of the e-bus transition project in Bogota are as follows: Political will of upgrading public transport system to lower emissions fleet, considering costs, quality and social benefits; bankable business model; economical support from the central sectors such as financial guarantees and payment methods; adequate distribution of risks between public and private; longer-term of the contracts; comprehensive conversation with the private sector, financial entities, insurance companies, and other stakeholders; and the presence of key partners from the energy sector”.

Shanshan Li, Vice Country Director ITDP China, shared the global experiences on climate policy and regulatory frameworks on the electrification of road-based public transport. She also presented the Indonesia landscape analysis for e-mobility specifically on the mass transit system. “China’s success in deploying e-bus is largely driven by strong supportive policies since 2009. Several lessons learned from China to accelerate e-bus deployment include setting up a powerful electrification leading group, holding regular meetings; paying attention to charging infrastructure planning and implementation; and developing an applicable business model. Pilot operation is important for large-scale deployment.”

Sutanu Pati, ITDP Project Finance Consultant explained the overview of national and Jakarta e-mobility policy and policy and institutional gaps for road-based public transport electrification in Indonesian cities. “Additional fiscal and non-fiscal policies are still needed for e-bus deployment in Jakarta. The financial assistance can be through upfront or operational subsidies for EV, land provision support, interest subvention on loans, or exemption from registration and other local taxes for EVs. Recommended non-fiscal supports include the issuance of a clear roadmap to phase-out ICE vehicles, longer contract periods for e-buses, new business models for separation of bus ownership and operations e.g. leasing of buses, battery, charging infrastructure, creating an interdepartmental empowered group to facilitate e-bus adoption (finance, energy, transportation, environment, law, etc.), and reevaluate procurement processes for e-buses.”

Presentation slides from speakers can be accessed through bit.ly/jakartaemobilityday2.

About Jakarta E-Mobility Event

Jakarta E-Mobility Event began with a keynote webinar accessible to the public through the DKI Jakarta YouTube channel on March 1st, followed by a series of webinars and workshops for stakeholders on March 2nd, 9th, and 16th. This series of events aims for a capacity increase of various stakeholders involved in the project, including Transjakarta, city officials, Original Equipment Manufacturers (OEMs), operators, and the general public. Jakarta E-Mobility Event will consist of webinars and workshops that will discuss: (1) Global case studies and Indonesian policy review on electric bus deployment, (2) Technology selection and business model for electric buses, (3) Findings dissemination to city-level governments. This document will outline the terms of reference of the DKI Jakarta’s Commitment to Electrify Public Transport Fleets and Current Efforts.

Supports for Jakarta Efforts in E-Mobility Program from NGO’s and Fellow Countries Embassy

In support of DKI Jakarta’s commitment, a number of technical assistance programs have been conducted. The initiatives that have been done are as follows:

1. Asian Development Bank (ADB) developed a preliminary study for Transjakarta Corridor 1 & 6 Electrification
2. C40 Cities Finance Facility (CFF) supported the planning of Transjakarta 100 pilot e-buses
3. UN Environment Programme (UNEP) and Climate Technology Centre & Network (CTCN) supports the development of BRT and Non-BRT electrification roadmap through a study by ITDP
4. UK Partnering for Accelerated Climate Transitions (UK PACT), funded by the UK Government’s Department for Business, Energy and Industrial Strategy (BEIS) through the UK’s International Climate Finance (ICF), supports the development of Transjakarta’s large-scale electrification action plan and roadmap, focusing on the microbus through a study by ITDP
5. Transformative Urban Mobility Initiative (TUMI) E-bus Mission, funded by the German Federal Ministry for Economic Cooperation and Development (BMZ), supports the Transjakarta 100 pilot e-buses monitoring and evaluation and develops peer-to-peer knowledge sharing network, and conducts route level analysis of bus energy consumption.

The support statements from NGOs and the fellow countries' embassy can be found through this link: <https://bit.ly/dukunganemobility>

For further information please contact:

Yudi Hermawan, Kepala Bagian Kerja Sama Luar Negeri Biro Kerja Sama Daerah Setda Provinsi DKI Jakarta/0813-1065-7547/yudi.hermawan@jakarta.go.id

Fani Rachmita, Communications Manager ITDP Indonesia, 081286237694/ fani.rachmita@itdp.org ; www.itdp-indonesia.org | [facebook.com/ITDP Indonesia](https://facebook.com/ITDPIndonesia) | [Twitter](https://twitter.com/itdpindonesia) & [Instagram](https://instagram.com/itdpindonesia): @itdpindonesia

Ridwan Kurniawan, Programme Manager Foreign, Commonwealth, and Development Office, 0811-1964-1969/ridwan.kurniawan@fcdo.gov.uk