

Jakarta's TUMI #eBusMission

November Issue



Celebrating Bus Electrification Progress in Jakarta

Remarks

As the COVID-19 pandemic recovers, we must choose an exemplary scenario for how our city will develop. ITDP and the University of California, Davis, released research results that resulted in 4 scenarios we can create for cities. However, there is only one scenario that can consistently limit global temperature rise to less than 1.5°C and avoid the worst effects of climate change, which is Compact City - Electrified.

An integrated and electrified city is a densely developed city, as well as a land use mix that focuses on public transportation, cycling, and walking. Then, all new motorized vehicles will be electrified by 2040. One of the focuses and priorities of electrification in this research is bus electrification.

Through the **"Jakarta's TUMI #eBusMission"** series, you can see the progress of efforts and the latest news regarding bus electrification in Jakarta and Indonesia. Follow the **@itdpindonesia** and **@TUMIntiative** accounts on Twitter and the website **www.itdp-indonesia.org** to access the series for free.



Busworld Southeast Asia Conference 2022

ITDP, in collaboration with the Ministry of Transportation and Busworld Southeast Asia, held a series of activations at the Busworld Southeast Asia Conference 2022 that brought the urgency for cities in Indonesia to start developing public transport systems, especially buses, and the importance of shifting to cleaner energy. The event was held at JiEXPO Kemayoran, Jakarta, from October 5 to 7, 2022.

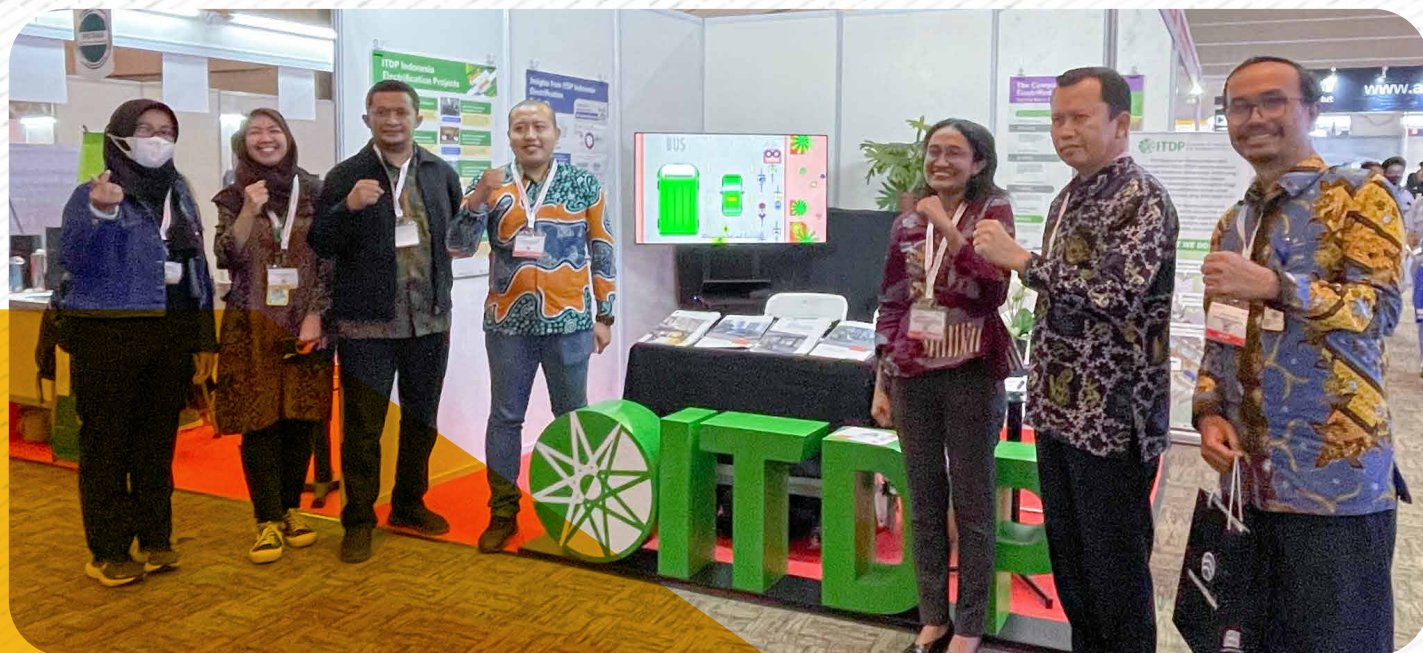


Photo:

Delegations of representatives from the Transport Agencies at ITDP booth



Photo:

"Public Transport Improvement: Why Bus is Better" Session



Photo:

"Why should bus electrification be the priority?" Session

ITDP invited delegations of representatives from the Transport Agencies from 4 regions, the Province of West Java, City of Semarang, Surakarta and Surabaya, to Jakarta to participate in the conference.

Through the "Public Transport Improvement: Why Bus is Better" and "Why should bus electrification be the priority?" sessions, the Ministry of Transport, Ministry of Energy representatives, city representatives, bus operators, and NGOs joined the panel as speakers. Moreover, ITDP also participated in the "Implementation of Electric Buses in Cities" session as a moderator and the "Financing strategies for Procurement of Zero Emission Buses" session as a speaker.

Busworld Southeast Asia Conference 2022

ITDP opened a booth with the theme of Bus and 2/3 Wheeler Electrification featuring ITDP's joint electrification studies with TUMI Initiative, UK PACT, UNEP, and the World Bank. The visitors could access and discuss the studies through a series of infographics in the booth with the assistance from the staff. In addition, visitors received "The Compact City Scenario - Electrified" postcards embedded with a link to access all the digital versions of the publications, for free.

Access ITDP's electrification publications on:

bit.ly/evpublication



Photo:

ITDP Booth at Busworld
Southeast Asia Conference 2022

Busworld Southeast Asia Conference 2022 Site Visit and Excursion

To inspire and encourage the transport agencies' representatives on the lessons learned and best practices for developing an urban transport system, ITDP, with support from Jakarta's Transport Agency, held an excursion as part of the ITDP's Southeast Asia Busworld Conference sessions.



Photo:

Faela Sufa (ITDP) opens the excursion at the electric bus

On the last day of the conference, using the Transjakarta electric bus, the participants from city transport agencies, busworld representatives, and the Association of Stated Road Transport Undertaking (ASRTU) India started the trip from JiEXPO Kemayoran to one of the integrated transport hubs in Jakarta, Gondangdia station. The station connected microbuses, buses, and commuter trains for commuters.

The participants could also see the newest microbuses fleet at the location. The participants also had a chance to cycle in Jakarta's first protected bike lane, and visited one of the biggest transit hubs, CSW, and the elevated BRT corridor. The trip ended with an MRT ride to the Kendal Tunnel, as the best practice of pedestrianization in the city.



Photo:

Microbuses fleet at Gondangdia station



Photo:

Participants cycling in protected bike lane

Indonesia E-Bus Roadmap & Financing Strategy

The Indonesia E-bus Roadmap & Financing Strategy Workshop opened a dialogue and capacity-building activities that aim to learn about enabling regulations, planning and financing strategies, and stakeholder engagement, from local governments in Indonesia that have started piloting electric buses.



Photo:

Faela Sufa as a panelist in "Procurement and Financing Options for E-buses" session

The second day was the "Workshop - World Cafe on the development of electric bus roadmaps and financing strategies," where each city was asked to develop a strategy to improve the implementation phase of electric buses in their city. The afternoon session was allocated for facilitators and city representatives to present the results of the world cafe discussion.

Participants visited the electric bus depot on the last day to learn more about the operation system and challenges.



Photo:

Participants at the Workshop - World Cafe session

The workshop organized by the TUMI E-bus Mission Deep Dive Jakarta Partners, such as WRI, ITDP, ICLEI, UITP, C40, and ICCT, was held for three days from October 17-19, 2022, and divided into sessions.

On the first day, Faela Sufa, Southeast Asia Director of ITDP, became the panelist in a panel discussion on "Procurement and Financing Options for E-buses" along with other representatives from the Ministry of Finance, MCC, PT SMI, World Bank, PT PII, and KfW.



Photo:

The explanation of the charging process at the electric bus depot

Sustainable Transportation Forum 2022

The Ministry of Transportation, together with Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) and supported by the Institute for Transportation and Development Policy (ITDP), held a Sustainable Transportation Forum (STF) 2022 in Bali.

The forum brought together various interested parties in sustainable transport, including the national government, local government, and non-government institutions, such as developing partners, practitioners, academia, communities, students, and potential domestic/foreign development investors.

In the Public Transport Reforms panel, Faela Sufa, Southeast Asia Director of ITDP, became the moderator where the four cities (from small, mid to metropolitan cities) in Indonesia; Jakarta, Semarang, Medan, and Surakarta, shared their success story on how each municipality reformed its public transport.

In the following panel, Faela presented a financing and regulatory framework for e-bus adoption in Indonesia based on an ITDP study in several cities in Indonesia, like Jakarta, Greater Medan, and Greater Bandung.



Photo:

Faela Sufa at Sustainable Transportation Forum Panel Discussion

Sustainable Transportation Forum 2022 (Day 2)

On the second day, breakout sessions were held for a more specific issue and interactive participation from the participants.

ITDP participated by conducting "Inclusive Urban Transport Planning" and "The Future of Sustainable Transport" breakout sessions. The "Inclusive Urban Transport Planning" opened a discussion on providing inclusive urban transport accessible to all. Two experts participated in this session as speakers; Deliani Siregar, Urban Planning, Gender and Social Inclusion Associate of ITDP Indonesia, and David Tjahjana, accessibility advisor for GAUN, moderated by Fani Rachmita, Communications & Partnership Manager ITDP Indonesia. Tonny Agus Setiono from The Ministry of Transport and Natalia Tanan from the Ministry of Public Works and Housing provided feedback from the government side on the issue.



Photo:
**Breakout Session 2A:
Inclusive Urban Transport Planning**



Photo:

**Breakout Session 3B
Inclusive Urban Transport Planning**

"The Future of Sustainable Transport" session focused on the electrification of public transport as the future of sustainable transport. The panel discussion discussed challenges and opportunities for electric bus adoption in Indonesia and what should be done by the government and relevant stakeholders to accelerate this program. The panel discussion was led by Vinensia Nanlohy, Transport Associate ITDP Indonesia, with speakers; Rifqi Khoirul Anam, Transport Assistant of ITDP Indonesia, B. Prabowo Kartoleksono, Mobil Anak Bangsa (MAB) and Peter Liu, PT. Mobilindo Armada Cemerlang (Zhongtong).

Upcoming Activity

Capacity building on bus electrification

Based on the Training Needs Assessment results and peer-to-peer learnings from other cities' experiences, ITDP will organize a dedicatedly designed capacity-building workshop for Transjakarta and the Transport Agency to fill their skill gaps and ensure the future success of the large-scale e-bus deployment. This event is expected to be held on December 2022 or January 2023.

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