

AGENDA

Global Electric Two- and Three- Wheeler Conference

9–12 October 2023

Meeting Room A (1F), The United Nations Conference Center,

Economic and Social Commission for Asia and the Pacific (ESCAP),

Rajdamnern Nok Avenue, Bangkok 10200, Thailand ([Google Maps](#))

9th October 2023

BMU IKI Wrap up

Time	Item	Speakers
08:30-09:00	Arrival and Registration	
09:00-09:10	Official Welcome by Host	Marlene Nilsson - Deputy Regional Director of UNEP Asia and the Pacific Office
09:10-09:30	Opening Remarks	Dr. Ernst Reichel, German Ambassador to Thailand Ms. Gita Sabharwal, UN Resident Coordinator Thailand Surapong Meanmitr, Deputy-Director General, Office of Transport and Traffic Policy and Planning, Thailand
9:30-09:40	Presentation of Agenda	Annika Berlin, UNEP
9:40-10:00	From Fuel Economy to E-Mobility: A decade of action in the Global South	June Yeonju Jeong, UNEP
10:00-11:00	E2&3W Ecosystems in Southeast Asia 10min Presentations by BMU IKI countries: - Thailand - Vietnam - Philippines	Moderated by Ciptaghani Antasaputra, Institute for Transportation and Development Policy (ITDP) Country representatives - Nuwong Chollacoop, National Energy Technology Center Thailand - Vu Ngoc Khiem, University of Transport Technology, Hanoi - Raymund Abad, Clean Air Asia
11:00-11:30	Coffee break	

11:30-12:30	E2&3W Ecosystems in Africa 10min presentations by BMU IKI countries: <ul style="list-style-type: none"> - Kenya - Uganda - Burundi 	Moderated by Thomas Courtright, Africa E-mobility Alliance (AFEMA) Country representatives <ul style="list-style-type: none"> - Nyaga Kebuchi, Sustainable Transport Africa - Gerald Banaga-Baingi, Clean Air Initiative Africa - Edouard Nyandwi, Ministry of Transport Burundi
12:30-13:30	Lunch break	
13:30-15:00	National Actions to drive e-mobility (5min presentation plus roundtable discussion) <ul style="list-style-type: none"> - Kenya - Togo - Sierra Leone - Thailand - Vietnam - Indonesia 	Moderated by Jemimah Muli, GIZ Kenya Country representatives <ul style="list-style-type: none"> - Chuthinthorn Mankhong, Office of Transport and Traffic Policy and Planning, Thailand - Tran Quang Ha, Ministry of Transport, Vietnam - Andro Marcello Zetga, Ministry of Transportation, Indonesia - Paul Kingori, Ministry of Transport Kenya or Robert Njoroge, KEBS - Bakatimbe Tchannibi, Ministry of Environment Togo - Sheikh Tunis, EPA Sierra Leone
15:00-15:30	Coffee break	
15:30-16:15	The role of E2&3W in mitigating climate change and how to measure it: <ul style="list-style-type: none"> - Electrifying 2&3wheelers as a building block of Climate Change Mitigation (presentation) - Electrification as an Opportunity to Enhance MRV (presentation) - MRV Exercise (interactive) 	Alvin Mejia, Director of Analysis and Programme, UEMI Jose Bienvenido Biona, Electric Vehicle Association of the Philippines (EVAP)

16:15-17:00	Roundtable discussion: Institutional set-up of MRV Systems <ul style="list-style-type: none"> - Uganda - Cameroon - Philippines - Vietnam 	Moderated by Alvin Mejia, UEMI <ul style="list-style-type: none"> - Valerie Ongolo Zogo, Ministry of Environment Cameroon - Gerald Banaga-Baingi, Ministry of Energy Uganda - Tran Quang Ha, Ministry of Transport, Vietnam - Department of Energy, Philippines (TBC)
17:00-17:05	Closing of Day 1	UNEP
18:00-20:00	Cocktail reception and dinner	

10th October 2023

From Pilots to Scale

Time	Item	Speakers
08:30-09:00	Arrival and Registration	
09:00-09:05	Welcome and Presentation of Agenda	Annika Berlin, UNEP
09:05-09:15	Recap of Day 1	Raymund Abad, Clean Air Asia
09:15-09:45	Presentation Global E2&3W Market Overview	Thomas Courtright, Africa E-mobility Association
09:45-09:55	SOLUTIONSplus - implementing LEV pilots in Asia, Africa, Latin America and Europe	Alvin Mejia, UEMI
9:55-11:00	Innovative approaches to e-mobility <ul style="list-style-type: none"> - Introduction of LEV for urban logistics in Latin American cities - Three-wheelers for last-mile connectivity for BRT - Electric two-wheeler sharing in Hanoi - EV sharing in Pasig - Localising 2-wheeler production <p>Q&A</p>	Moderated by Joachim Bergerhoff, SMMR Project representatives <ul style="list-style-type: none"> - Kanya Pranawengkapti, Wuppertal Institute - Gerutu Gerutu, Dar es Salaam Institute of Technology - Nguyen Thi Thu Hien, Associate Professor, University of Transport Technology, Hanoi - Pasig City Government (TBC) - Ashim Pandey, Founder, Yatri Motorcycle (Nepal)
11:00-11:30	Coffee break	
11:30 – 12:30	Opportunities and challenges of Electric Three – Wheelers <ul style="list-style-type: none"> - Sri Lanka/Pasig - Thailand - Muvmi 	Moderated by Naressa Saripada, Clean Air Asia

	<ul style="list-style-type: none"> - E-kekes Sierra Leone - 3W Burundi - ThermalR Industries 	<ul style="list-style-type: none"> - Anupong Mokkaranurak, E-Sarn Technical University, Thailand - Souliyo Vongdala, LOCA Co.Ltd. - Muvmi - Sasiranga de Silva, University of Moratuwa - Edouard Nyandwi, Ministry of Transport Burundi - Beran Forster, Ministry of Transport Sierra Leone
12:30-13:30	Lunch break	
13:30-14:00	Financial Assessment of electric motorbike taxi services	Pan Piyasil, GIZ Thailand
14:00-15:00	Financial mechanisms for scaling up electric two and three-wheelers (Panel Discussion)	<p>Moderated by GIZ</p> <ul style="list-style-type: none"> • Poonsit Wongthawatchai, Krungsi Bank • Sarocha Kessakorn, ADB • Nikki Rudnick, Uber • Tipaklong Sustainable Mobility
15:00-15:30	Coffee break	
15:30-16:30	<p>Breakout Groups</p> <ol style="list-style-type: none"> 1. Charging infrastructure vs. swapping 2. EOL Batteries 3. Road safety 4. Electric Bicycles 5. Incentives 	<p>All topics will be chosen via mentimeter</p> <p>10mins per topic 6 people to take care of each group</p>
16:30 – 17:00	Feedback to plenary	Moderated by Annika Berlin
17:00-17:15	Q&A and Closing of Day 2	UNEP

11th October 2023

Enabling Framework

Time	Item	Speakers
08:30-09:00	Arrival and Registration	
09:00-09:05	Welcome and Presentation of Agenda	Jihee Kim, UNEP
09:05-09:15	Recap of Day 2	Silas Sanga, EPRA
09:15-09:45	Presentation Battery safety and swapping standards/ ASEAN	Nuwong Chollacoop, ENTEC

09:45-10:00	Presentation Electric vehicle standards	Robert Njoroge, Kenya Bureau of Standards
10:00-11:00	Localising E2&3W value chains - supply chain barriers presentation - competitiveness of manufacturing in ASEAN - ThermalR Industries Pvt Ltd Q&A	Moderated by Amos Mwangi, WRI - Horizon Gitano, Focus Applied Technologies - Lod Huang, TailG - Thirachet Lapjaturapit, CEO, Stallions - Sasiranga De Silva, University of Moratuwa
11:00-11:30	Coffee break	
11:30-12:30	The role of digital platforms in accelerating the transition to E2&3Ws (led by Uber)	- Nikki Rudnick, Uber - Tipaklong - Joachim Bergerhoff - Team Leader SMMR Project - Jose Bienvenido Biona, Electric Vehicle Association of the Philippines (EVAP)
12:30-13:30		
13:30-14:00	The role of cities in enabling safe E2&3W circulation incl discussions	Alissa Raj, C40
14:00-15:00	Roundtable with cities on 2/3w regulation - Freetown - Jakarta - Buenos Aires	Moderated by Alissa Raj, C40 - Mariama Whitmore, City of Freetown, - Aini Anas, City of Jakarta - Maximiliano Parisi, City of Buenos Aires
15:00-15:30	Coffee break	
15:30-16:30	Enabling policy and regulatory framework for electric 2&3 wheelers • ASEAN 2&3 wheeler guidelines	Moderated by Raymund Abad, Clean Air Asia - Horizon Gitano, Focus Applied Technologies

	<ul style="list-style-type: none"> Regional guideline for 2&3W in South East Asia Trends in 2&3 wheeler policy in Africa Guidelines for charging infrastructure in Kenya 	<ul style="list-style-type: none"> - Shritu Shrestha, Senior Researcher, Wuppertal Institute - Nyaga Kebuchi, Sustainable Transport Africa - Silas Sangam, EPRA
16:30 – 17:00	How to increase gender inclusion in E2W	Shritu Shrestha, Wuppertal Institute
17:00-17:15	Closing remarks	June Yeonju Jeong, UNEP

12th October – Site Visits

Site visit 1: Electric 2-wheelers

- EGAT learning center, battery swapping station; Stallions service shop; Swap&Go PTT head office
- 30 participants

Schedule	Activities	
9:00 am	Meeting point: UNCC building	
9:10 – 9:45 am	Transport to demonstration sites in Bangkrui district	
	Group A	Group B
9:45 – 10:15 am	EGAT Learning center – battery swapping station	Stallions – motorcycle service shop
10:15 – 10:45 am	Stallions – motorcycle service shop	EGAT Learning center – battery swapping station
10:45 – 11:15	Transport to Swap&Go facility	
11:15 – 11:45	Site visit at Swap&Go - battery swapping platform	
11:45 – 12:30	Trip back to UNCC and end of the site visit	

Site visit 2: Electric 3-wheelers

- Muvmi head office, charging station, and electric tuk-tuk driver training academy
- 30 participants

Schedule	Activities	
9:00 am	Meeting point: UNCC building	
9:10 - 10:10 am	Muvmi E-tuktuk riding to MuvMi office and facilities	
10:00-10:10 am	Reach MuvMi office and facilities : refreshment and short break	
	Group A	Group B
10:15 - 11.00 am	- Introduction to MuvMi	- Overview of the vehicle's design and features
	- Q&A	- Visit charging Infrastructure/Solar charger
		- Visit driver training academy
11:00 - 11:45 am	Group B	Group A
	- Overview of the vehicle's design and features	- Introduction to MuvMi
	- Visit charging Infrastructure/Solar charger	- Q&A
	- Visit driver training academy	
11:50 am - 12:30 pm	Muvmi E-tuktuk riding and trip back to BACC (Bangkok Art and Culture Center)	
12 : 30 pm	End of the site visit (finish no later than 12:30pm)	

Day ends at 12pm