

Agenda

UNEP Global Electric Mobility Programme “Used Electric Vehicles, Battery End-of-Life & Circularity – Africa Workshop”

Date: **Wednesday, 24th & 25th April, 2024**
 Venue: United Nations Environment Programme
 UN Avenue, Gigiri
 Nairobi, Kenya
Conference Room 10

Moderator(s): Carly Gilbert-Patrick & Polash Das

24 th April Day 1 – AFRICA WORKSHOP		
Time	Item	Speakers
8.30	Registration	
9.00	Tour de Table – <i>Carly Gilbert-Patrick, UNEP</i> – Moderator	
9.15	Opening remarks	Niklas Hagelberg, Climate Change Coordinator, UNEP
9.20	UNEPs Global Electric Mobility Programme <ul style="list-style-type: none"> Country projects & support on the African continent Sustainable electric mobility – renewable power integration and used EVs and battery end-of-life (EoL) Q&A (10 min) 	Alex Koerner, UNEP
9.40	Setting the scene - Used EVs and end-of-life batteries in LMICs <ul style="list-style-type: none"> Lithium ion battery (LIB) Technology and impacts across the life cycle Geography of the LIB life cycle and projections of used EV flows to Africa Projections of EoL LIBs in Africa and potential used cases – re-use, up-cycling, re-cycling, waste disposal Repairability of EVs 	Alissa Kendall, UC Davis

	<ul style="list-style-type: none"> • Q&A (20 min) 	
10.30	COFFEE BREAK	
10.45	<p>Panel Session: Africa EV industry</p> <ul style="list-style-type: none"> • Vehicle and battery technology • Market outlook • Battery end-of-life collection • Enhanced producer responsibility • Q&A (15 min) 	<p>Philip Gorman (Basigo) Johanna Hegenbart (Roam) Alp Tilev (Ampersand) - virtual Cornel Bruhl (Ebee)</p> <p>Moderator: Warren Ondanje (AfEMA)</p>
11.45	<p>Presentations: Battery recyclers</p> <ul style="list-style-type: none"> • Business models • Regulatory challenges • Market outlook • Q&A (15 min) 	<p>Shaun Mumford, Enviroserve Kenya Polash Das, UNEP - Global Perspective on recycling</p>
12.30	LUNCH BREAK	
13.15	<p>Panel Session: Africa EV regulations & standards panel</p> <ul style="list-style-type: none"> • Kenya case • Rwanda case • South Africa case • Q&A (15 min) 	<p>Robert Njoroge (Kenya Bureau of Standards, KEBS) Janvier Twagirimana (Ministry of Infrastructure, Rwanda, MININFRA) Nathan Fredericks (Industrial Development Corporation of South Africa, IDC)</p> <p>Moderator: Annika Berlin, UNEP</p>
14.15	COFFEE BREAK	
15.30	<p>Panel session: EV battery EoL / second life & E-waste panel</p> <ul style="list-style-type: none"> • South Africa case • Zambia case • Ghana case • Seychelles case • Q&A (15 min) 	<p>Edem Foli (UYilo South Africa) Perine Kasonde (Zambia Environmental Management Agency) Doris Edem (Energy Commission, Ghana) Michelle Azemia (Ministry of Environment, Energy and Climate Change, Seychelles)</p> <p>Moderator: Annika Berlin, UNEP</p>

16.00	Open discussion – Recap of the day <ul style="list-style-type: none"> • Lessons learnt • Policy gaps identified • Technology and economic opportunities and challenges • Business opportunities • What to expect from UNEP? 	Moderator: Alex Koerner, UNEP
17.00	Wrap-up	Carly Gilbert-Patrick, UNEP - Moderator
18.00	DINNER	

25th April Day 2 – AFRICA WORKSHOP		
Time	Item	Speakers
9.00	Opening and recap of day 1	Alex Koerner, UNEP– Opening Millicent Gitahi, UNEP– Recap & Mentimeter
9.15	Presentation: Clean fuels and vehicles and battery end of life <ul style="list-style-type: none"> • Partnership for Clean Fuels and Vehicles – Achievements • Used vehicle work • Lessons learnt used EV and battery EoL • Q&A (15 min) 	Jane Akumu, UNEP – virtual presentation Veronica Ruiz-Stannah, UNEP – In-person
9.45	Virtual panel session: EV and EV battery circularity in the global north – Policy panel <ul style="list-style-type: none"> • Policy approaches • Gaps and challenges • Lessons learnt for the African Continent • Q&A (15 min) 	Promada Gode, Global Battery Alliance (GBA) Andreas Manhart, Oeko Institut Georg Bieker, International Council on Clean Transportation (ICCT) Moderator: Alissa Kendall, UC Davis
10.45	COFFEE BREAK	
11.00	Panel session: Regional EV & battery value chain	Stella Apolot, East African Community (EAC)

	<ul style="list-style-type: none"> • State of the art – Clean fuels and vehicles regulations in EAC, SADC • Lessons learnt • Pan Africa E-Mobility strategy – AU, ECA • Q&A (15 min) 	<p>Moses Ntlamelle, Southern African Development Community (SADC)</p> <p>Aconkpanle Placide Colombe (UNECA)</p> <p>Dr Raissa-Julie Ada Allogo, African Union (AU)</p> <p>Moderator: Alex Koerner, UNEP</p>
11.45	<p>Wrap up Africa perspective</p> <ul style="list-style-type: none"> • Objective and scope of the UNEP work on used EVs, battery EoL and circularity in Africa • Topic request • Needs assessment 	Alex Koerner, UNEP
12:30	LUNCH BREAK	

Day 2 – AFTERNOON SESSION ON THE GLOBAL PARTNERSHIP ON USED EVS, BATTERY END-OF-LIFE AND CIRCULARITY		
Time	Item	Speakers
13.30	Opening remarks – used EVs and hazardous chemicals	Mihaela Paun, UNEP KRU
13.40	<p><u>Presentations:</u></p> <p>Global view – the need for quality used EVs, and battery re-use, up-cycling, recycling and safe disposal regulations in the global south</p> <ul style="list-style-type: none"> • Drive Electric Campaign – Workstreams and lessons learnt • Oeko Institut - General analysis on economic, technical and organizational aspects • GIZ – What we do • Q&A (15 min) 	<p>Drive Electric Campaign - Lina Fedirko - Virtual</p> <p>Andreas Manhart, Oeko Institut - Virtual</p> <p>German Agency for International Cooperation (GIZ)- Rohan Modi</p>
14.30	<p>India Perspective</p> <p>Global Partnership UNEP</p>	<p>Polash Das, UNEP</p> <p>Alex Koerner, UNEP</p>
14.40	Open discussion on scope, institutional set-up and objectives of the Global Partnership	Moderator: Alex Koerner, UNEP

	<p>on Used EVs, Battery End-of-Life and Circularity</p> <ul style="list-style-type: none"> • Who? • How? • What? 	
15.40	Wrap - up & closing of the event	Alex Koerner, UNEP