

National Consultative Workshop on Strategy for Electrification of Public Transport

Kathmandu, Nepal (Venue: Hotel Yak and Yeti)

18-19 May 2022

PROGRAMME SCHEDULE

Wednesday, 18 May 2022	
Arrival of Guests and Registration: 9:30 am-10 am	
10:00 – 11:00	<p>Inauguration Session</p> <p>Chair: The Secretary, Mr. Rabindra Nath Shrestha, Ministry of Physical Infrastructure and Transport</p> <p>Chief Guest: Hon. Renu Kumari Yadav, Minister of Physical Infrastructure and Transport</p> <p>Guest of Honour: Hon. Ram Kumari Jhakri, Minister of Urban Development</p> <ul style="list-style-type: none"> Welcome address by Er. Keshab Kumar Sharma, Joint Secretary, Ministry of Physical Infrastructure and Transport <p>Opening of the workshop by lighting Panas</p> <ul style="list-style-type: none"> Introduction to the Workshop: Mr. Madan B. Regmi, Chief, Transport Research and Policy Section, ESCAP Address by Guest of Honour: Hon. Ram Kumari Jhakri, Minister, Ministry of Urban Development Inaugural address by Hon. Renu Kumari Yadav, Minister, Ministry of Physical Infrastructure and Transport Remarks and Vote of Thanks by Mr. Rabindra Nath Shrestha, Secretary, Ministry of Physical Infrastructure and Transport
30 min	<p>Coffee/tea Break</p>
11:30: 13:00	<p>Session I: Regional experiences on electrification of public transport</p> <p><i>Chair: Dr. Bindu Nath Lohani, Chairman, Clean Air Asia</i></p> <p><i>This session will present regional and international experiences in the transition to electric mobility.</i></p> <ul style="list-style-type: none"> Regional overview of transport policy and electrification of public transport: Mr. Madan B. Regmi, Chief, Transport Research and Policy Section, ESCAP Transition to electric mobility in public transport: Insights from Thailand and Bangkok, Mr. Yossapong Laonual, Head of Mobility and Vehicle Technology Research Center, King Mongkut's University of Technology Thonburi, Thailand Planning and deployment of electric bus fleets in Indian cities: Prof. Shivanand Swami, CEPT University New energy vehicles: Experience from China and Chinese cities, Mr. Yuan Minmin, Research Institute of Highway, China (online/video),

	<ul style="list-style-type: none"> • Creating enabling environment for external support: Mr. Naresh Pradhan, Senior Transport Specialist, Green Climate Fund <p>Discussion and Q & A: Regional experiences on electrification of public transport.</p> <p><i>Concluding remarks by the Chair</i></p>
13:00- 14:00	Lunch Break
14:00- 15:30	<p>Technical Session II: Preparedness toward transitioning to electric mobility in public transport in Nepal</p> <p><i>This session will invite existing state, policy and practice of planning and operation of public transport in Nepal and challenges in moving towards electrification of passenger transport.</i></p> <p><i>Chair: Mr. Kanak Mani Dixit, Chairman, Sajha Yatayat</i></p> <ul style="list-style-type: none"> • The current state of urban public transport and related infrastructures in Kathmandu and major cities in Nepal: Mr. Saroj Kumar Pradhan, Consultant, Ministry of Physical Infrastructure and Transport • Operation of public transport: Mr. Ram Chandra Poudel, Department of Transport Management • Challenges in acquiring electric buses, standards and specification of electric buses: Mr. Bhusan Tuladhar, Environmentalist • Energy generation and development of charging infrastructure: Mr. Sagar Gyawali, Nepal Electricity Authority • Operation of electric buses in Kathmandu: private sector perspectives: Sundar Yatayat, Kathmandu <p>Discussion and Q and A: Perspective on improving policy, strategy, and implementation of electrification road map</p> <p><i>Concluding remarks by the Chair</i></p>
15 min	Coffee/Tea Break
15:45-17:30	<p>Technical Session III: Supporting policies and institutions for the transition to electric mobility</p> <p><i>Chair: Biju Kumar Shrestha, Joint Secretary, National Planning Commission, Nepal</i></p> <p><i>This session will invite experts to share their experiences on supporting policies necessary to transition to electric mobility in Nepal.</i></p> <ul style="list-style-type: none"> • Supporting policies and institutional arrangements for Nepal: Mr. Nama Raj Ghimire, Director General, Department of Transport Management • Comparison of international EV policies and institutional arrangements: Mr. Gautam Patel, ESCAP Consultant • Perspective on electrification of transport in Nepal: Mr. Bijaya Man Serchan • Comprehensive Mobility Plan - Formulating and Assessing City Electric Mobility Strategy, Prof. Shivanand Swami, CEPT University <p>Discussion and Q & A: Supporting policies & institutions for the transition to electric mobility</p> <p><i>Concluding remarks by the Chair.</i></p>

Thursday, 19 May 2022

09:30 – 11:00

Session IV: Formulation of national strategy, policy and roadmap on electric mobility

Chair: Mr. Arjun Jung Thapa, Joint Secretary, Ministry of Physical Infrastructure and Transport, Nepal

This session will invite experts to present proposals for innovative policy, strategy and road map for the electrification of public transport in Nepal. Participants will be invited to provide feedback on the proposal

- National strategy on electrification of public transport: Keynote Speaker: Mr. Keshab Sharma, Joint Secretary, Ministry of Physical Planning and Transport, Nepal/ Er. Kamal Pande, National Consultant
- Panel Discussion to focus on
 - *National strategy/Policy*
 - *Charging infrastructure*
 - *Financial incentives*
 - *Resources*
 - *Knowledge*
- *Panelists:*
 - *Dr. Surya Raj Acharya*
 - *Mr. Amrit Man Nakarmi*
 - *Mr. Bijaya Man Sherchan*
 - *Mr. Rajan Rayamajhi, Thee-GO*

Discussion and Q & A: Strategy and roadmap for electrification of public transport

Concluding remarks by the Chair.

11:30-12:00

Tea/Coffee Break

12:00-13:15

Concluding session V: The way forward for electrification of public transport in Nepal

Co -Chairs: Mr. Keshab Kumar Sharma, Joint Secretary, MoPIT and Mr. Madan B. Regmi, Chief, Transport Research and Policy Section, ESCAP

- The Way forward for electrification of public transport in Nepal: Mr. Lasse Ringius, Global Green Growth Institute (GGGI), Nepal Country Representative
- Business models and contracting structures for electric buses- practices and lessons: Mr. Gautam Patel, ESCAP Consultant

Keynote address by Hon. Dr. Biswo Nath Poudel, Vice Chairman, National Planning Commission, Nepal

- *Remarks: Mr. Madan B. Regmi, Chief, Transport Research and Policy Section, ESCAP*
- *Presentation on policy outcome and concluding remarks: Mr. Keshab Kumar Sharma, Joint Secretary, MoPIT*
- *Vote of thanks by Mr. Suresh Poudel, Senior Divisional Engineer, Ministry of Physical Planning and Transport*

Participants will be invited to discuss the way forward to move towards electrification of public transport in Nepal and consider and adopt major conclusions and recommendations of the workshop.

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