



Participants of the two-day event in Singapore

6 Champions Innovative Finance Clinic on E-mobility for Green Urban Transport

Ninety two (92) participants from national and city governments, private sector, financing institutions, transport experts, and ADB gathered in person in Singapore for the 6 Champions Innovative Finance Clinic on E-mobility for Green Urban Transport jointly organized by ACGF, UCCRTF, EAKPF, and Infrastructure Asia.

Event Details

6 Champions Innovative Finance Clinic | E-mobility for Green Urban Transport

8 - 9 September 2022 | Carlton Hotel, Singapore

Organized by the ASEAN Catalytic Green Finance Facility (ACGF) in partnership with the Urban Climate Change Resilience Trust Fund (UCCRTF), Infrastructure Asia, and the Republic of Korea e-Asia and Knowledge Partnership Fund (EAKPF)

Opening Remarks

- **Anouj Mehta**, Country Director, Thailand Resident Mission and Unit Head, Green and Innovative Finance and the ACGF, Southeast Asia Department, ADB
- **Lavan Thiru**, Executive Director, Infrastructure Asia
- **Tom Moody**, Regional Director Southeast Asia, Climate and Energy, British High Commission, Singapore

Moderators

- **Naeeda Crishna Morgado**, Infrastructure Specialist (Innovation and Green Finance), ADB
- **Shuji Kimura**, Senior Transport Specialist, ADB
- **Amr Qari**, Principal Infrastructure Specialist, ADB
- **Lloyd Wright**, Senior Urban Development Specialist, ADB

Click [HERE](#) for the event background and detailed program for Day 1 and 2

6 Champions Innovative Finance Clinic on E-mobility for Green Urban Transport

The workshop brought together 92 participants from national, provincial and city governments, public agencies, financing institutions, transport companies, bus operators, manufacturers and transport experts in 12 countries across Asia (Cambodia, India, Indonesia, Laos PDR, Malaysia, Nepal, Pakistan, Philippines, Singapore, South Korea, Thailand, and Viet Nam) and ADB.

“The clinic identified six potential early-stage projects and concepts related to EV fleet deployment that could qualify for ACGF Technical Assistance support. This demonstrates the unique and innovative approach to pipeline development: that is focused knowledge for real origination.”

Anouj Mehta, Country Director, Country Director, Thailand Resident Mission and Unit Head, Green and Innovative Finance and the ACGF, in his opening remarks

Focus on climate finance models and project origination

This Innovative Finance Clinic (IF Clinic), as part of the ACGF project origination and capacity building strategy, provided technical training on structuring, planning, financing, and procuring electric vehicle projects, and innovative finance approaches in replicable climate projects.

The workshop focused on the utilization of innovative finance models and instruments to adopt and scale up e-mobility, and design or upgrade public transport systems in Asian cities to tackle the impacts of climate challenges the region is facing.

The workshop intended to support the scaling up of e-mobility and to identify new investment projects that could benefit from technical support under the ACGF. Under this context, the role and focus of ACGF for innovative green finance was highlighted by Anouj Mehta, Country Director, Thailand Resident Mission and Unit Head, Green and Innovative Finance and the ACGF, and Naeeda Crishna Morgado, Infrastructure Specialist (Innovation and Green Finance), ADB.

“The important thing I want to echo is the importance of this region, Asia and the Pacific. We need to decouple growth from carbon emissions. If we can’t do this in this region, we will fail on our global tasks, and we can’t achieve Paris Agreement goals.”

Tom Moody (Regional Director Southeast Asia, Climate and Energy, British High Commission, Singapore), in his opening remarks

Tom Moody, Regional Director Southeast Asia, Climate and Energy, British High Commission, Singapore, delivered an opening remark representing the Government of the United Kingdom which is a co-financier of the ACGF and UCCRTF/URTF.



Photos from the two-day event | Singapore

Okju Jeong of UCCRTF illustrated the value of an integrated multi-sectoral approach using as examples two e-mobility projects in India and Pakistan, among others, supported by the trust fund.

Workshop highlights

Overall, 20 presentations were delivered, along with Q&A and group discussions. Day 1 was centered around key concept and features of e-mobility including investment opportunities and enabling factors for EV deployment, EV bus fleets and e-three wheelers as public transport. A session on green financing options discussed requirements of green finance supporting e-mobility projects. Through the group discussions, participants shared their own experiences and views on the challenges to financing EV projects and climate finance opportunities for greater access.

Day 2 was focused on concrete project cases and opportunities for green financing for EV projects, including private sector perspectives, and public policy and planning. Representatives from participating cities and countries (Cambodia, Indonesia, Laos, Malaysia, Philippines, and Viet Nam) presented their own e-mobility projects which are at different stages of implementation and exchanged ideas and learnings.

“Transition from something doesn’t have a shortcut pathway. We need driving force from both international and national agents that comes in the form of time, money, cooperation and will.”
 Chutinthorn Mankhong, Chief of Sustainable Transport Promotion Group Thailand

Key takeaways

- Scaling up e-mobility across Asia requires significant investment. Public financing will be critical to develop EV systems and infrastructure, and private investment will need to be mobilized to roll-out and operate fleets. Cities are deploying a range of financing models, and case studies exist demonstrating lessons learned and experience that can be applied to Asian countries.
- Scaling up e-mobility requires innovative financing solutions to reduce burdens on public funds and to leverage these funds to crowd-in private capital. Such solutions will defray high upfront costs and de-risk or best allocate risks among stakeholders. Examples include revenue and capex related incentives and innovative structures such as unbundling or disaggregating asset ownership from operations. Additionally, national or pooled financing vehicles allow for an integrated, cross-sector approach to project preparation, portfolio risk based pricing versus project risk financing, and access to global private capital flows.
- The event provided strong technical guidance and a focused peer-learning experience. Participants had the opportunity to learn from case studies and models on how e-mobility is being scaled up and key common challenges and potentials.
- The event also served as an inspiration to call for a strengthened effort for innovative climate investment in the region. The ACGF, UCCRTF, EAKPF, and Infrastructure Asia jointly demonstrated a concerted effort in encouraging e-mobility as a climate resilient and low carbon urban transport solution.

The [ASEAN Catalytic Green Finance Facility \(ACGF\)](#) is a regional green financing vehicle under ASEAN Infrastructure Fund (AIF), owned by ASEAN countries and ADB, and managed by ADB. The ACGF aims to accelerate green infrastructure investments in Southeast Asia and provides developing ASEAN member governments with technical assistance and access to over \$2 billion in loans from cofinancing partners.

[Infrastructure Asia](#) established by Enterprise Singapore and Monetary Authority of Singapore, aims to support Asia’s social and economic growth through infrastructure development. It does so through early project scoping, best practice sharing and brokering, harnessing Singapore’s best-in-class infrastructure ecosystem.

[Republic of Korea e-Asia and Knowledge Partnership Fund \(EAKPF\)](#), established in 2006, aims to bridge the digital divide and improve access to information through information and communications technology in the Asia and Pacific region.

[Urban Climate Change Resilience Trust Fund \(UCCRTF\)](#) is a \$150 million multi-donor trust fund (2013-2021) administered by ADB. With funding from the Rockefeller Foundation and the Governments of Switzerland and the United Kingdom, it aims to support cities in Asia to reduce the risks poor and vulnerable people face from floods, storms or droughts. The second phase of the trust fund, the Urban Resilience Trust Fund (URTF), has been launched for 2022-2029. Refer to two UCCRTF event snapshots in relation to e-mobility: [E-taxis launched in Batam, Indonesia](#) and [ADB Virtual Training Program and Special Webinar on E-Mobility](#).

Further Information

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This Event Snapshot is published under [TA 9217](#) Knowledge Management and Resilience Measurement for Urban Climate Change Resilience (UCCRTF Subproject 2) | [Subscribe](#) to UCCRTF’s bi-monthly newsletter | Access past issues of UCCRTF newsletter [HERE](#).

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