

ASIA CLEAN ENERGY FORUM 2019

PARTNERING FOR IMPACT

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Deep Dive Workshop

Electric Vehicles



Point of Contact:

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Background

The global electric vehicle (EV) market grew by more than 60% in 2016 to more than 5 million in 2018.

China is by far the largest electric car market, but Norway leads the way in terms of market share, with EVs representing 52% of all sales in 2017. The Norwegian government has set a goal of 100% of new car sales to be zero-emission by 2025 and has created a highly favorable policy environment, comprising a large range of incentives, from tax breaks and exemptions to waivers on road tolls and ferry fees.

The Paris Declaration on Electro-Mobility and Climate Change and Call to Action, announced at COP21, expresses the ambition to exceed globally the threshold of 100 million electric cars and 400 million electric two-wheelers by 2030. HSBC Global Research identifies EVs as one of its investment themes for the next decade, citing that EVs could make up 35% of new car sales in Asia by 2040.

Objective

This DDW aims to raise the awareness of EV technology, benefits, role in climate change mitigation, and business. ACEF participants can benefit by understanding EV's role in:

- Emissions reduction;
- Air quality;
- Noise pollution reduction;
- Reducing oil imports;
- Supporting an increase in renewables;
- Connectivity;
- Automotive manufacturing;
- Battery manufacturing; and
- Sustainable tourism.

Indicative Agenda

0900am – 0530pm	Electric Vehicles [Moderator: Sohail Hasnie, ABD]
0900am – 1030am	Topic: What We Think We Know about EVs - Myths and Misinformation Session will start with a video presentation and polling to reflect initial opinions. Panel discussion follows. Panel experts: David Beeton (Urban Foresight) Tim van Beek (EVConsult) Andrew Kwon (Destin Power) Female panelist (TBC) Second polling with same questions will conclude the session to reflect mindset shifting.
11am – 1230pm	Topic: EV Policies and Results Presenters: Tim van Beek to present Bhutan EV policy Policy in Norway (presenter TBC) EV policy in Thailand or Philippines (presenter TBC) Leading EV manufacturer to present EV vision (TBC) Panel discussion
1230pm – 0530pm	EV exhibition (cars, bus, tricycle, etc.)
0200pm – 0530pm	Topic: Business Opportunities in EV Scale-up. Session will include topics: <ul style="list-style-type: none"> • EV retrofit as business; • EV charging • EV leasing • EV fleet management Presenter(s) – people or organizations: Epic Car Conversion

Speakers

Sohail Hasnie, Principal Energy Specialist, ADB

David Beeton, CEO, Urban Foresight

Tim van Beek, CEO, EVConsult

Andrew Kwon, Head of Business, Destin Power