

Workshop

Kick starting markets for E-mobility - identifying viable options for policy makers

Date: Tuesday, 25 September, 2018
Wednesday, 26 September, 2018

Time: Tuesday: 14:00 – 17:30
Wednesday: 10:30 – 12:30



uemi
solutions



Moderator: Oliver Lah (Wuppertal Institute) & Frederik Strompen (GIZ)

Speakers: Sandra Wappelhorst (ICCT); Antonella Tambasco (Ministry of Industry, Energy and Mining Uruguay); Rayner García Villalobos (Costa Rican Institute of Electricity); Axel Kaltwasser (BMW Group); David Rubia (UN Environment); Dr. Martin Eshiwani (Ministry of Transport and Infrastructure, Kenya); Stefan Baguette (Alexander Dennis Ltd.); Santosh Kondukula (Wuppertal Institute); Zhang Haitao (Shenzhen Urban Transport Planning and Design Institute); Julia Grothe (COUP eScooter Sharing)

Objective

Unless you are strolling through the streets of Shenzhen, Oslo or Amsterdam you are unlikely to see a large number of electric cars, buses or electric two-wheelers. But: 2017 witnessed global record sales of over one million vehicles, leading to a global stock of over three million. Falling battery prices are expected to make e-buses cost competitive in a couple of years. China, the Netherland and Norway have shown what it takes to become technology forerunners. And much is at stake: Without electric vehicles (coupled with renewable energy) the 2 degree target from the Paris Agreement is not reachable. New value chains and business models emerge while old business models and technologies may become obsolete. Providing the right framework conditions now can ensure that a country stays competitive and creates employment. The workshop will focus on existing and evolving solutions for a climate-friendly introduction of electric-mobility including business models and financing mechanisms for electric-buses, charging infrastructure and electric 2/3 wheelers, all with a specific focus on solutions applicable to developing and emerging economies.

Key Questions

- ✓ What can be done to kick-start the development of markets for e-mobility?
- ✓ What kind of strategies and political processes are required?
- ✓ Does the private sector and consumers need support for incremental costs?
- ✓ Which business models are promising and require additional support?
- ✓ Under which conditions is e-mobility able to create local value chains and employment?

Agenda Day 1, Tuesday, 25 September 2018

Time	Activity	Responsible/Speaker
14:00	Welcome and Introduction	Oliver Lah (<i>Wuppertal Institute</i>) & Frederik Strompen (<i>GIZ</i>)
14:10	E-Mobility Deployment: Markets, Policies and Strategies 30' input presentation current e-mobility market, successful business models, policy and regulation Moderated Question & Answers	Sandra Wappelhorst (<i>ICCT</i>)
14:50	Kick-starting E-Mobility: Country experiences from Costa Rica and Uruguay Presentations and discussions with Antonella Tambasco and Rayner García Villalobos	Antonella Tambasco (Ministry of Industry, Energy and Mining Uruguay) Rayner García Villalobos (Costa Rican Institute of Electricity)
15:30	Panel discussion with Antonella Tambasco, Rayner García Villalobos, Sandra Wappelhorst, Axel Kaltwasser	Panel Discussion
16:00	Coffee Break	
16:30	Drivers for E-Mobility in Europe – Perspectives from the Automotive Sector 15' input presentation + questions	Axel Kaltwasser (<i>BMW Group Munich</i>)
16:50	Electrifying 2/3-wheelers 10' input presentation: Motivation behind the promotion of 2/3 wheelers, opportunities for local value chains Snapshot Kenya: Electrifying scooters Snapshot India: Electric Tuk Tuks in India (Interview)	David Rubia (<i>UN Environment</i>) Dr. Martin Eshiwani (<i>Ministry of Transport and Infrastructure Kenya</i>) Santosh Kondukula (<i>Wuppertal Institute</i>)
17:30	End of day 1	

Agenda Day 2, Wednesday, 26 September 2018

Time	Activity	Responsible/Speaker
10:30	<p>Entry points for cities – electric buses</p> <p>30' input presentation: Key policies to support the deployment of electric buses, experience from London and current technology outlook.</p> <p>Snapshot Shenzhen: the world's first 100 percent electrified bus fleet</p>	<p>Stefan Baguette (Alexander Dennis Ltd.)</p> <p>Zhang Haitao (Shenzhen Urban Transport Planning and Design Institute)</p>
12:00	<p>Entry points for cities – electric scooter sharing</p> <p>20' input presentation: Experience with COUP eScooter Sharing in Berlin</p>	<p>Julia Grothe (COUP eScooter Sharing)</p>
12:30	Lunch	