

## **GEF COP25 SIDE EVENT**

### **DECARBONIZING TRANSPORT: Promoting E-Mobility in Developing Countries**

Friday 6 December 2019

13:15 – 14:45

Room 3

#### **EVENT BACKGROUND AND SYNOPSIS**

The transport sector accounts for a growing portion of global energy-related GHG emissions, especially in developing countries, but already the world has started the transition to zero emission transport. According to the IPCC, to meet the goals of the Paris Agreement all new vehicles should be zero-emissions from 2035 in order to achieve a global zero-emission fleet by 2050. Decarbonizing the transport sector will require a comprehensive approach combining actions to:

- avoid transport - through better city design and planning
- shift to more efficient modes of transport - especially non-motorized and public transport
- and improve transport - by introducing zero-emissions vehicles

The global vehicle fleet is set to double to about 2.5 billion vehicles by 2050 – 95% of this growth is taking place in developing countries. Electric mobility (or e-mobility) can enable the transition to a zero-emissions transport sector, but a global approach is needed to promote and support this transition. In addition to supporting climate targets, this transition will help cities and countries address increasing urban air pollution challenges and reduce their dependence on fossil fuels.

Countries and cities are already starting to introduce e-mobility through electric bus fleets, switching from polluting petrol two-wheelers to electric two-wheelers, and developing national policies to incentivize the uptake of private electric vehicles. There are many best practices of countries and cities that are leading the global switch to zero-emissions mobility.

The new GEF Global e-Mobility Program, in partnership with the International Energy Agency (IEA) and UNEP, is supporting an initial set of 17 developing countries to develop conducive policy and regulatory environments, ensure effective technology transfer and facilitate private sector engagement and access to commercial finance for the introduction of e-vehicle fleets. Complementing the GEF Program, the European Commission's (EC) new global e-mobility initiative is supporting an additional 13 country and city projects. Together, these two new initiatives represent the first global coordinated effort to promote and accelerate the uptake of e-mobility in developing countries and will provide a global platform to share lessons learned and connect demand and supply for e-mobility solutions and financing.

This event will outline the current state of play of the e-mobility market worldwide and will present concrete experiences from a few selected countries and cities in the context of the two new GEF and EC initiatives.

## **PROPOSED EVENT PROGRAM**

### A) Introduction (15 min)

- Opening Remarks: Gustavo Fonseca - Director of Programs, Global Environment Facility (5 min)
- Keynote: José Luis Domínguez, Deputy Minister, Ministry of Transportation and Communications, Chile (up to 8 min)

### B) Keynote Presentations (20 min)

- Mr. Luca Lo Re, International Energy Agency - Current state of play of the e-mobility market (IEA) (8 min)
- Mr. Mark Radka, Chief, Energy and Climate Branch, Economy Division, UN Environment Programme (UNEP) – Overview of the GEF7 Global Electric Mobility Programme (5 min)
- Mr. Oliver Lah, Wuppertal Institute and EC Solution+ Program Manager – EC Solutions+ electric mobility project (5 min)

### C) Moderated Panel (45 min)

Moderator: Filippo Berardi, Coordinator of Climate Mitigation, Global Environment Facility

*[each speaker has total ~8 min: 4 min for initial intervention and 4 min for follow up question(s)]*

- Mr. Mr Jogeewar Seewoobaduth, Deputy Director of the Ministry of Environment, Solid Waste Management & Climate Change, Mauritius
- Mr. Sergio Fernández Balaguer, Coordinator of the Research and Innovation Projects Department, Madrid
- Ms. Diann Black-Layne, Director, Department of Environment, Antigua and Barbuda
- Ms. Sheila Watson, Deputy Director, FIA Foundation

### D) Q&A and Wrap-up (up to 10 min)