

PROGRAM

The future of E-mobility and Urban Planning in Egypt *EV Developments in the context of Sustainable Cities*

مستقبل التنقل الكهربائي في إطار التخطيط العمراني في مصر
تطور المركبات الكهربائية في إطار المدن المستدامة

19-20, November, 2019

Semiramis Hotel, Nile Corniche (Tiba Hall, 3rd Floor)

BACKGROUND

Throughout the past years numerous activities have been conducted through the longstanding partnership between the Ministry of Environment through its executive agency (EEAA), the Friedrich Ebert Foundation, and Center for Environment and Development for the Arab Region and Europe (CEDARE), which together aim to promote sustainable mobility at large, and electric mobility in specific.

In October 2018, this partnership brought forward the first milestone in the E-mobility development in Egypt, setting the stage for policy development and stakeholder engagement and initiating many local and international partnerships (full video coverage available on “STE2018” playlists on CEDARE's YouTube channel, [CEDARE Online](#)), a milestone backed with a thorough situation analysis and policy brief, which has indeed born fruit throughout the following year in terms of spin-off partnerships and supportive activities and stakeholder engagement.

One year later, this event takes stock of all the exciting developments that have unraveled over the past twelve months in this field. And this time, as the sector matures, we are further linking E-mobility to the broader framework of Sustainable Transport and *Sustainable Cities* at large.

The key challenge to planners is how to strategize for this foreseen transformational change and optimally reap its benefits.

The event aims to catalyze experience exchange and foster partnerships to advance cleaner transportation in Egypt and contribute to measures that address air pollution and climate change.

The event gathers internationally renowned e-mobility experts and policy makers to share experiences about deployment of EVs and EV infrastructure in various countries, including an in-depth exploration of the case of other countries in the Middle East and Europe. The state of play in Egypt shall also be shared by key national stakeholders to jointly develop and refine the vision for the way forward.

AGENDA

DAY-1 (Tuesday): EXPERIENCE EXCHANGE

9:00- 9:30 - **Registration**

9:30- 10:00 - **Opening Session**

- **Dr. Hossam Allam**, Regional Programme Manager, CEDARE
- **Mr. Richard Probst**, Resident Representative, Friedrich Ebert Stiftung
- **H.E. Christina Kampmann**, Board member of FES, and ex-minister of Family Affairs North-Rhine-Westphalia
- **H.E. Cyril Nunn**, German Ambassador to Egypt
- **H.E. Dr. Yasmine Fouad**, Minister of Environment

(MC: Ms. Louise Sarant)

10:00-10:30 - **Press Point for Ministers**

(Managed by Dr. Rasha Allam)

- **Coffee Break for conference participants**

10:30-11:30 **KEY NOTE PRESENTATIONS: The larger context – Sustainable Cities**

Elements of sustainability in the history of old cities, global development trends, prospects for emerging economies, putting innovations and E-mobility in the larger context *(Moderated by Ms. Mai El-Tabakh)*

- **Prof. Soheir Hawas**, Chair of the department for studies, researches and policies, National Organization of Urban Harmony (NOUH), and Prof. of architecture and urban design, Cairo University
- **Dr. Ayman Smadi**, Director of International Association of Public Transport (UITP) MENA Region, *Prospects for the MENA Region and key challenges*
- **Dr. Ahmed El-Dorghamy**, Center for Environment and Development for the Arab Region and Europe (CEDARE), *Status of E-mobility in Egypt and aligning with principles of sustainable cities*

Q&A with key note speakers

11:30-12:00 - **Press Point for Speakers**

(Managed by Dr. Rasha Allam)

- **Coffee Break for conference participants**

12:00-13:30 **SESSION-1: From Local Production to Fostering Innovation**

Prospects for local production, stimulating innovation, and improving competitiveness
(Moderated by Eng. Nour El-Deeb)

Panelists:

- **Dr. Ahmed Huzayyin**, Cairo University
Advancing local competences and E-mobility R&D in Egypt
- **Mr. Andreas Hager**, CEO, e-trofit, *Case studies of advancing local production of EVs, understanding batteries, and tailoring to local needs, and prospects for retrofitting in Egypt*
- **Eng. Said Adly**, Technical Director, Manufacturing Commercial Vehicles (MCV), *Case study of bus manufacturing in Egypt, meeting specifications for export, and expanding into alternative technologies (CNG, EVs, etc)*
- **Dr. Mohamed Omran**, Ministry of Electricity and Renewable Energy of Egypt, *Managing change and innovation in the power sector*

Questions from the public

13:30-14:00 Coffee break

14:00-15:30 SESSION-2: Market uptake and stimulating the sector

Challenges and opportunities in rolling out cleaner transport technologies in the city with a holistic approach, planning for responsible financing, lessons learnt so far
(Moderated by Dr. Ahmed El-Dorghamy)

Panelists:

- **Eng. Salma Mousallam**, Program Manager, UNHABITAT, *Challenges in introducing cleaner bus technologies in Greater Cairo and the context of urban planning developments in Egypt.*
- **Eng. Shada El-Sherif**, Senior Sustainability Expert and former director of Jordan Environment Fund, *Case study of E-mobility in Jordan and opportunities for emerging economies.*
- **Mr. David Allan**, Associate Director, Sustainable Infrastructure, European Bank for Reconstruction and Development (EBRD), *The role of MDBs.*

Questions from the public

15:30-16:30 Closing and Lunch

DAY-2 (Wednesday): CHALLENGES AHEAD AND THE WAY FORWARD

9:30-10:00 - Registration

10:00-10:15 - Opening and recap of Day-1 (Ms. Louise Sarant)

10:15-10:45 Key Note Presentation: Green Planning and Design in Cities

H.E. Dr. Khaled El Adli, Professor, Cairo University; Former Governor of Giza and Former VP of International Society of City & Regional Planners (ISOCARP)

10:45-12:00 SESSION-3: National- and city-level planning for EVs and Infrastructure

What are we learning from international experiences and how do we avoid expected pitfalls? (Moderated by Dr. Ahmed El-Dorghamy)

Panelists:

- **Dr. Ahmed El-Guindy**, Energy Advisor, Joint Committee for Energy Efficiency (JCEE), *Reality-checks and common pitfalls in planning for E-mobility on a national scale*
- **Eng. Muna Almusa**, Head of Energy Conservation Section, Energy & Minerals Regulatory Commission, Jordan, *The case of Jordan: Status, progress, and lessons learnt*
- **Eng. Ahmed Zein**, Founder and Chief Marketing Officer, Revolva Egypt, *Case study of rolling out charging infrastructure in Egypt*

Questions from the public

12:00-12:30 Coffee break

12:30-14:00 SESSION-4: Micromobility in Egypt and the enabling environment

How and why to plan for the advent of *Micromobility* in Egypt (e-bikes, e-scooters, electric skateboards, pedelecs, regular bicycles, etc)

(Moderated by Mr. Marwan Hussein)

Panelists:

- **Eng. Ayman Mohamed**, founder of EV Club Egypt, *Light Electric Vehicles in Egypt and perspectives of the growing EV enthusiast community*
- **Eng. Heba Mousa**, Tabdeel, *The missing elements in Egypt's mainstream understanding of "Sustainable cities" and "complete streets"*

- **Mohamed Hegazy**, co-founder, Transport For Cairo (TfC), *The power of data for effective planning of Egypt's formal and informal transportation, and exploring last-mile solutions*

Questions from the public

14:00-14:30 Coffee break

14:30-15:30 SESSION-5: Air Quality and Sustainable Mobility

Understanding air pollution to put e-mobility into proper perspective

(Moderated by Dr. Ahmed El-Dorghamy)

- **Dr. Martin Heger**, Environmental Economist, The World Bank, *The economic benefits of reducing air pollution, and the role of recent transport interventions in improving air quality in Greater Cairo*
- **Dr. Samir Mowafi**, Egyptian Environmental Affairs Agency (EEAA), *Investigating economic and environmental motives for advancing on-road EVs in Egypt, and priorities set forth by EEAA*
- **Eng. Rana Alaa**, Researcher, Clean Air Engineering for Cities (CArE-Cities) Project, American University in Cairo and Surrey University, *Investigating air pollution exposure in Greater Cairo's transport micro-environments*

Questions from the public

15:30-16:30 FINAL SESSION: The Way Forward

Revisiting policy recommendations, strategizing for the way forward

Final discussion and closing remarks

16:30-17:30 Lunch