Electric Vehicles Initiative activities

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Africa Clean Mobility Week

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Electric Vehicles Initiative (EVI)

• Government-to-government forum comprising 13 countries

• Currently co-chaired by Canada, China and the United States*, and coordinated by the IEA

• Released several analytical publications (Global EV Outlook, City casebook)

• Engaged stakeholders in high-level roundtables (CEM8 and Pilot City Forum in Beijing, June 2017)

• Instrumental to mobilize action and commitments (Paris Declaration on Electro-Mobility and Climate Change at COP21, Government Fleet Declaration at COP22)

➢ Just launched the EV30@30 Campaign, aiming to achieve a 30% market share for EVs by 2030

*U.S. co-leadership under review
Goal: at least 30% of new road vehicle* sales across all EVI countries to be electric** by 2030

Implementing actions on:

- Deployment of **chargers and fueling infrastructure**, public procurement and private sector deployment of **fleets**, expanding **research (policy focus)** to improve the understanding of best practices on EV policy support, providing resources for **capacity building** to disseminate these best practices

- Establish a **Global EV Pilot City Programme**, aiming to achieve 100 EV-Friendly Cities over five years

- Commitments open to all interested stakeholders: Governments, businesses, partner organizations, companies, research institutes, local authorities, association, NGOs, non-profit organizations

Current supporting NGOs and IGOs:

* Including passenger cars, light commercial vans, buses, and trucks; excluding 2- and 3-wheelers
** Including battery-electric, plug-in hybrid, and fuel cell
Cities can be a privileged space for EV support and deployment

- “Cities have been at the forefront of stimulating EV deployment”
- “Leading EV cities have shown that, as a result of dedicated local policies complementing national EV policy schemes, they can create a favourable environment for EV use and reduce consumer barriers”
- “Cities can have a leadership role in developing and testing innovative policy actions before widespread adoption”

(Nearly one third of global electric car sales took place in just 14 cities in 2015)

Cities have a unique role to play in supporting EVSE rollout and in implementing measures enhancing the value-proposition of driving electric. They act as innovation test-beds for the future of mobility.
**Goal: Achieve 100 EV-Friendly Cities over five years**

- Support greater **dialogue** with and provide **support** to municipal governments
  - Topics: urban planning, infrastructure and charging technology, mass transit (including electric buses) and mobility as a service (including car and ride sharing)

- Identify **good practices** and facilitate their **replication** and improvement

- Engage in the organization of the **Pilot City Forum** (28-29 May 2018, Helsinki, Finland)
  - **Exchange event** allowing to facilitate **networking** and **communication** across interested stakeholders, to be held alternatively in China in odd years and in another country in even years

- **Monitor and report** progress: data and information sharing among PCP members

- Until February 2018, **18** major cities already joined the PCP
Global Environment Facility project on EV policy implementation

- GEF expression of interest, project under elaboration between UNEP and IEA.
- Strong alignment with the EV30@30 Campaign, esp. on capacity building items.
- Opportunity to widen EVI reach (Latin America, Africa, Central and South-East Asia, and Central and Eastern Europe)

- Funding structure and function
  - Global funding: USD 5-6 million over 3-4 years
  - Targeted funding for in-country work (USD 15-20 million)
  - Need for major co-funding commitments, including from the private sector

Global project (policy matrix)

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<thead>
<tr>
<th>National</th>
<th>Vehicles (by mode)</th>
<th>Chargers</th>
<th>Power system</th>
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Local

|                   | ...                | ...      | ...          |

+ pilot (selected countries)

Child projects

- Country X
- Country Y
- Country Z

GEF