Some countries and states, including California, are contemplating or making plans for phase-outs or bans on the sale of new internal combustion engine passenger vehicles by a date certain. Berkeley Law's Center for Law, Energy and the Environment (CLEE) is today releasing the report ***100% Zero*** to offer policy pathways to make such a scenario affordable and achievable.

A phase-out on gasoline-powered vehicles will be critical to achieving long-term climate goals and improving public health. To that end, California Governor Jerry Brown set a goal of reaching five million zero emission vehicles (ZEVs) on the state's roadways by 2030, including 250,000 public chargers by 2025. As of mid-2018, Californians were driving over 400,000 electric vehicles.

100% Zero identifies key challenges and solutions to achieving 100 percent zero-emission vehicle sales, based on a convening of expert stakeholders. Top barriers include:

- **Weak business model for automakers and dealers** to produce and sell ZEV models that are competitive on price, range, and performance
- **Lack of public charging infrastructure** to meet current and projected demand
- **Lack of public awareness** of ZEVs to inform purchasing decisions
- Insufficient, ineffective and **uncertain public incentives**

To overcome these challenges, policy makers should consider:

- A **state charging infrastructure funding package** to deploy the needed infrastructure through 2025, with required grid upgrades and workforce training
- **New electricity rates**, such as reformed demand charges, for site hosts to minimize fuel and operations costs, particularly for high-speed chargers
- **Improved and expanded long-term federal and state incentives** for ZEV purchases and infrastructure, with a guaranteed phase-down over time

These and other solutions are discussed in more detail in the report. CLEE will also be presenting these findings at a Global Climate Action Summit affiliate event from 1-3pm today at the San Francisco Law Library. Hard copies of the report will be available.