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International ZEV Alliance Announcement

Rationale

We participants in the International Zero-Emission Vehicle (ZEV) Alliance recognize the essential need to reduce greenhouse gas emissions from the transport sector, in line with international and national goals, to avoid the worst consequences of climate change. Meeting our climate change targets will require the development and adoption of vehicle technologies that emit no tailpipe pollutants and can be powered by zero carbon energy. These vehicles help to improve air quality and increase low-carbon development. International ZEV Alliance participants are supporting widespread ZEV adoption with innovative investments and policies. Together, we can help accelerate consumer demand that will lower ZEV costs through economies of scale and expand the range of product lines available to consumers, support technology innovation, raise consumer awareness and acceptance, and increase the pace of ZEV infrastructure deployment and investment.

Vision and Actions

We aim to work with all stakeholders toward a collective goal of making all passenger and medium- and heavy-duty vehicle sales in our jurisdictions ZEVs as fast as possible, and no later than 2050. Research now recognizes the need to move to all ZEV sales by 2035 or earlier in order to decarbonize the vehicle fleet by 2050, and many governments are working to create their own targets for light-, medium-, and heavy-duty vehicles as market developments and technology allows. We also strive to transition off-road vehicles, rail, and the maritime and aviation systems along a similar path toward increasingly zero-emission solutions for the movement of passengers and freight.

Long-term climate stabilization will require continued reductions in vehicle emissions. Achieving climate goals requires accelerating ZEV adoption over time while simultaneously working to reduce upstream emissions. We will work to fully realize the climate change benefits of ZEVs and want to raise our ambition as ZEV technology and markets advance. Accelerating ZEV deployment will achieve greenhouse gas emissions reductions of several billion tons of carbon dioxide per year by 2050.

We will continue to take actions to overcome any barriers, achieve our targets, and increase ZEV adoption to meet climate change while emphasizing more equitable access to clean transportation and mobility options. In an era of global automobile markets and manufacturing, we will act together, sharing our experiences and best ideas. ZEV Alliance members have committed to the adoption of tens of millions of ZEVs. We will do our share or more to accelerate the global ZEV transition.

As appropriate for each jurisdiction, we will:

- Provide incentives and use fiscal policy to encourage the purchase of ZEVs
- Set and achieve targets for smart charging and refueling infrastructure simultaneous with ZEV deployments to encourage driver confidence and avoid upstream emissions
- Perform public outreach to increase consumer awareness and acceptance
- Implement policies that require the deployment of ZEVs and support the used market
- Lead by example through the inclusion of ZEVs in government and public sector fleets
- Perform and commission research and development in ZEV technology and social science

For more information contact the ZEV Alliance Secretariat, the International Council on Clean Transportation, at secretariat@zevalliance.org.