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Subject: FW: Provincial Government Initiatives to Support Transition to Zero Emissions Vehicles- Update to Mayor & Council

Greetings Mayor & Council-

On November 20, 2018, the BC Government announced new initiatives to support the transition to zero emissions vehicles (ZEVs). ZEVs (e.g. electric vehicles) are a key solution for both BC and Vancouver as we strive to cut carbon pollution by at least 80% by 2050. They also help improve local air quality and reduce energy and maintenance costs. The announcement is a precursor to a more comprehensive update of the province's climate change plan, which is expected in early December.

The most important new initiative was the commitment to legislate sales targets for ZEVs that manufacturers will be obligated to meet. The sales targets are as follows:

- 10% by 2025
- 30% by 2030
- 100% by 2040

This approach, of which the City has been a strong supporter, is often referred to as a ZEV mandate. ZEV mandates are successfully in use in Quebec, California, and nine other states. The policy is designed to address the barrier that the availability of ZEVs in the province is very limited. For example, based on a November 2017 City of Vancouver survey, only 30% of 27 Vancouver dealerships had a new ZEV that could be test driven and purchased. With a ZEV mandate in place, British Columbians can expect to see increasing availability of makes and models.

If a good supply of ZEVs is available, staff anticipate strong demand in Vancouver and around BC. Based on economic modelling work completed by the City of Vancouver and BC Hydro, ZEVs could account for up to 25% of new light duty vehicles by the early 2020s if the supply isn't constrained. And according to 2017 research from SFU START, 15-24% of Vancouver residents are interested in purchasing a ZEV for their next vehicle.

Going forward, City staff plan to:

- Thank the provincial government for committing to the ZEV mandate and other actions to support the transition to ZEVs.
- Engage with the provincial government regarding the design of the legislation and regulations needed to implement the ZEV mandate.
- Continue to implement Vancouver's Electric Vehicle Ecosystem Strategy to ensure the City is well-positioned to support the transition to ZEVs.

If you have any questions on this information, please contact Gil Kelley, General Manager of Planning, Urban Design & Sustainability.

Best

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