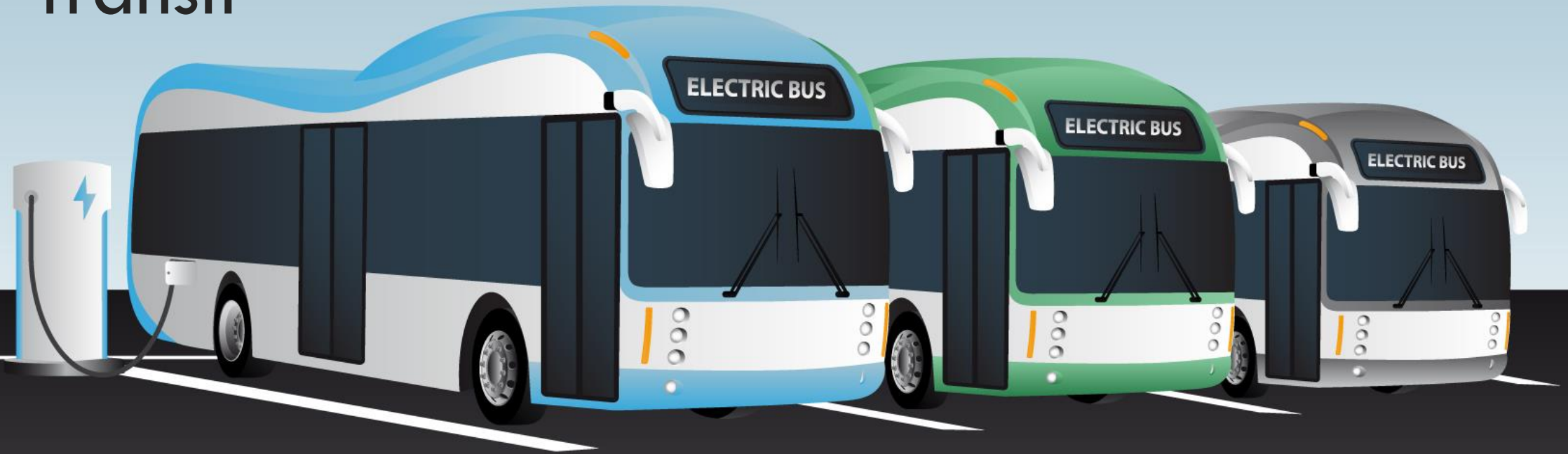


Maine DOT Climate Efforts

Joyce Taylor, Chief Engineer

Transit



- Apply for grants to purchase buses
- Encourage ridership of transit opportunities

Climate Control

- Volkswagen Settlement
 - ▣ Fund electric stations through Efficiency Maine Trust
 - ▣ Competitive Award Program for vehicles such as school buses and plow trucks
 - ▣ Multimodal component such as ferry engines
- First round is complete, requested funds for second round
- Website has a tab communities can look for more information on applying for funds. Our goal is to simplify the process.



Climate Control

- Alternative Fuel Corridor Nomination to FHWA
 - ▣ Interstate 95 (I95) Extension
 - ▣ Interstate 295 (I295)
 - ▣ Route 1 (Rt. 1)
 - ▣ Route 2 (Rt. 2)
 - ▣ Route 3 (Rt. 3)
 - ▣ Route 302 (Rt. 302)
 - ▣ Route 201 (Rt. 201)
 - ▣ Route 27 (Rt. 27)



Climate Control

- MaineDOT participating with:
 - Efficiency Maine Trust – establishing charging stations
 - Transportation Climate Initiative – discussing a regional low-carbon policy
 - Governor’s Energy Office
 - Maine Clean Communities – GPCOG
 - Maine Interagency Climate Change Adaptation Work Group



Connected Vehicles/Autonomous Vehicles

LD 1724 established the Autonomous Vehicle Pilot Program in 2018

- Commission on Autonomous Vehicles formed
- Council on Autonomous Vehicles created
 - Members include agency personal and subject experts
 - Rules for pilot projects due by Jan. 1, 2020

Connected vehicles are here! Advances in technology are happening fast.

- Establishing when to upgrade traffic signals with DSRC.



Climate Response

- Design standards have changed to look at sizing bridges and culverts for 100 year storm events or 1.2 bankfull.



Climate Response

- Corridor Assessment – What's the risk?
- Habitat issues due to warming issues.

