

Low-Carbon Transportation Policies and Low-Carbon Fuel Standards

Jeremy Moorhouse
Corporate Consulting Services
Pembina Institute – Calgary Office
jeremym@pembina.org (403-269-3344 ext. 123)



Four Numbers

11.5 million barrels per day¹

95%

80% by 2050²

- 1. CERA, US department of energy
- 2. Ontario, California reduction requirements
- 3. US transportation emission percentage

30%³

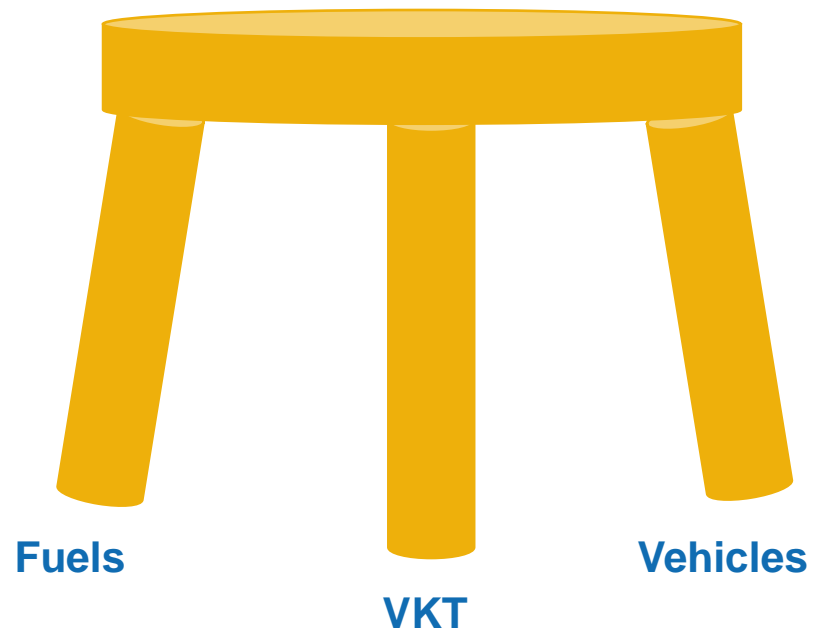
How do you influence transportation?

Low-Carbon Transportation Policies

- Gasoline/diesel



- Natural gas
- Biofuels
- Electricity
- Hydrogen



What are alternatives to an LCFS?

- Cap and trade with transportation emissions included
- Carbon tax on transportation fuels
- Other transportation policies?



So What?

- We're not on the right path to achieve long term reductions.
- Full carbon accounting will become more prevalent.
- How do we set up reporting systems?
What policies will be most effective?

Questions

Jeremy Moorhouse

Corporate Consulting Services

Calgary Office

jeremym@pembina.org

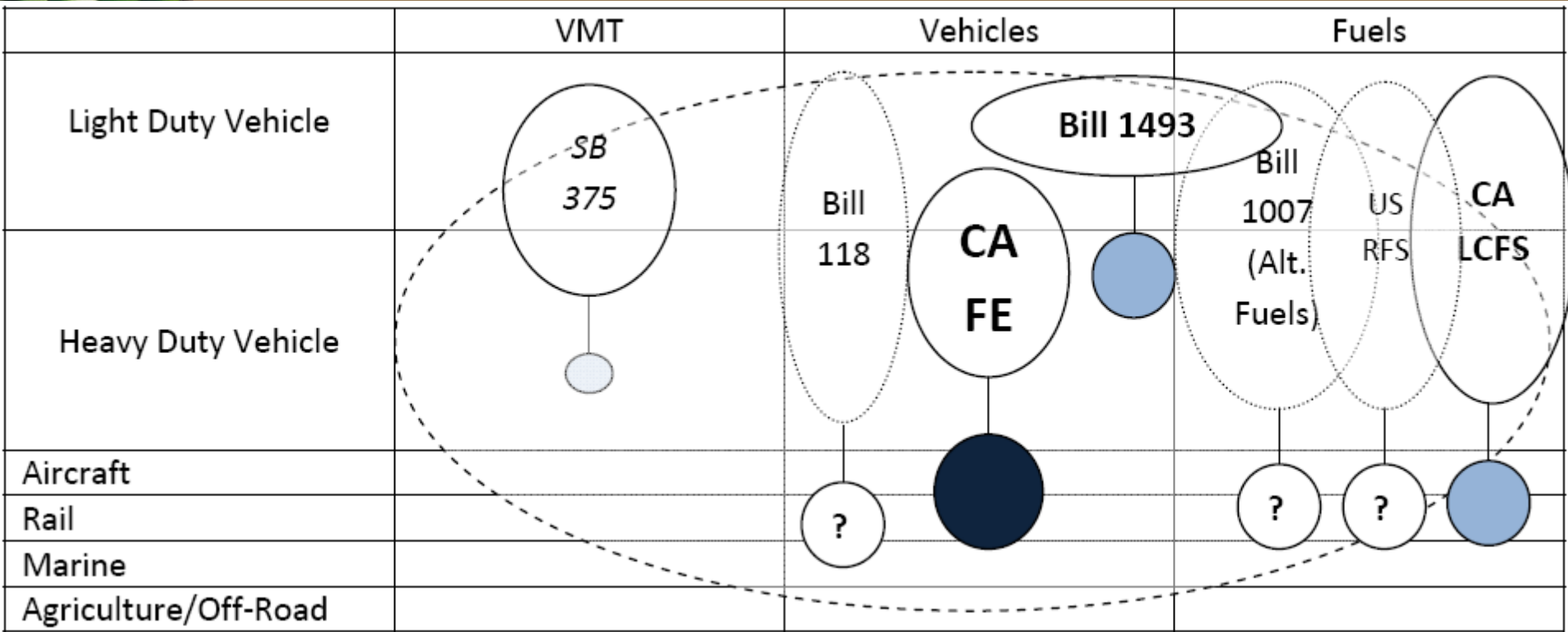
403-269-3344 ext. 123

Presentation prepared on a wind-powered computer:



www.pembina.org

California's Suite of Policies



< 10% of 2020 reductions



Between 10% to 50% of 2020 reductions



> 50% of 2020 reductions