



cleanBC

our nature. our power. **our future.**



**NATASHA STAFFELDT-
JOST,
A/MANAGER, REPORTING AND
ASSESSMENT**

CLEAN FLEET TRANSITION

PUBLIC SECTOR COMMITMENTS



CleanBC

40% emission reduction by 2030



Roadmap to 2030

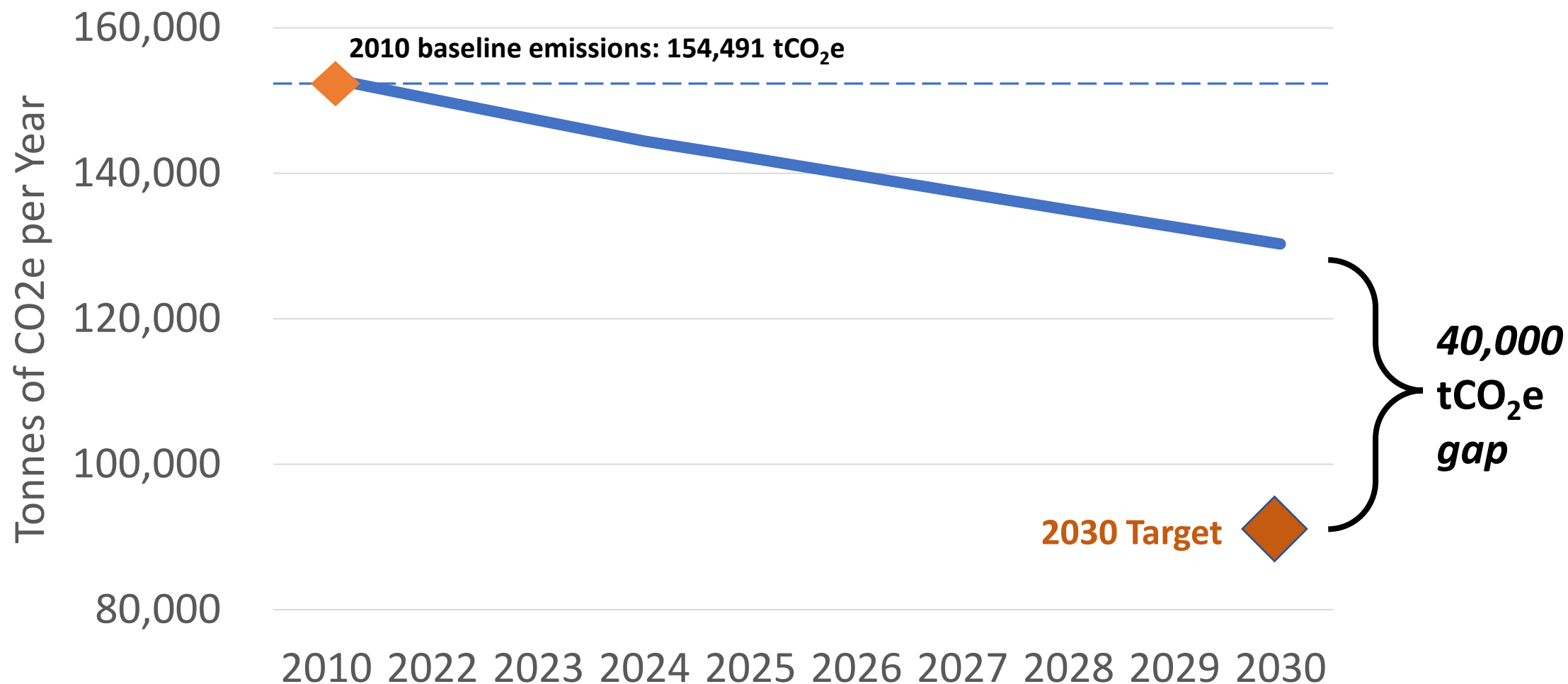
All light duty vehicle purchases are ZEVs by 2027



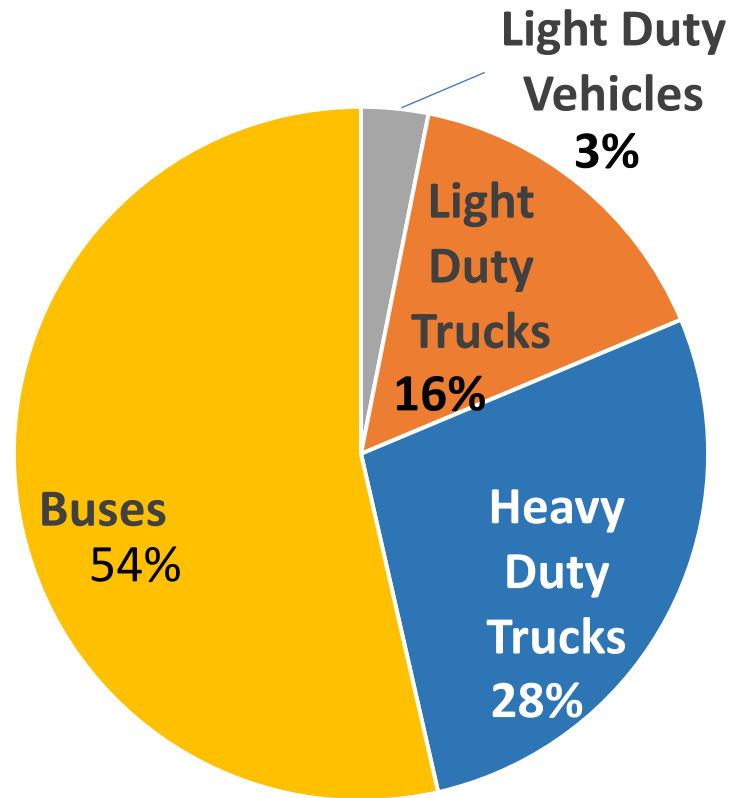
Under2 Pledge

Light duty vehicle inventory all ZEVs by 2035 and medium & heavy duty by 2040

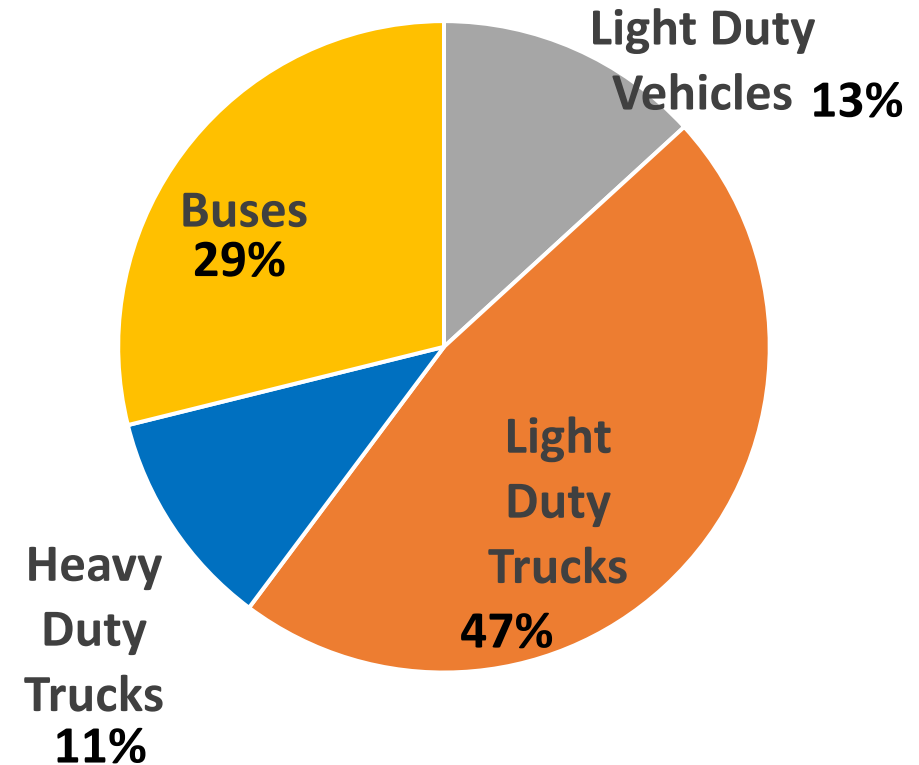
BUSINESS AS USUAL



RESEARCH FINDINGS



2021 Fleet Emissions



2021 Fleet Composition

CONTRIBUTING INFLUENCES



Decreased Emissions

- Installation of charging infrastructure
- Having a clean fleet plan
- Purchasing ZEVs
- Business travel policies



Increased Emissions

- Not having a clean fleet plan
- Increasing size of fleet
- Keeping vehicles in fleet past useful life

PREVIOUS ENGAGEMENT (2019) – WHAT WE HEARD



- Make it mandatory!
- Targets are helpful
- Main Barriers:
 - Funding
 - Expertise and Know-how
 - Capacity



POSSIBLE STRATEGIC APPROACHES

**1. Introduce ZEV
First Approach**

**2. Support Clean
Fleet & Right-
Sizing Plans**

**3. Increase
Infrastructure
Deployment**



**4. Support Travel
Policies**

**5. Funding for
Existing/New
Incentive Programs**

QUESTIONS

- Does the feedback from the prior engagement still resonate?
- How do our research findings align with your experiences?
- How important is each of the possible strategic approaches for your organization?
- How do you envision CAS helping you accelerate progress to reducing emissions?

Contact

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ADDITIONAL SLIDES FOR ENGAGEMENT SESSION



QUESTIONS

- Does the feedback from the prior engagement still resonate?
- How do our research findings align with your experiences?
- How important is each of the possible strategic approaches for your organization?
- How do you envision CAS helping you accelerate progress to reducing emissions?

REDUCTION APPROACH

- What best describes your organization's approach to reducing fleet emissions?
 - **Top Reducers**
 - We have a clean fleet plan, prioritize zero emission vehicle purchases and have seen significant reductions
 - **Break Eveners**
 - Our fleet emissions are about the same since 2010. We try to purchase zero emission vehicles when we have the budget.
 - **Oh, Shoot We're in that Group**
 - We might have a plan and a couple of zero emission vehicles. Our emissions have increased since 2010.

POSSIBLE POLICY LEVERS

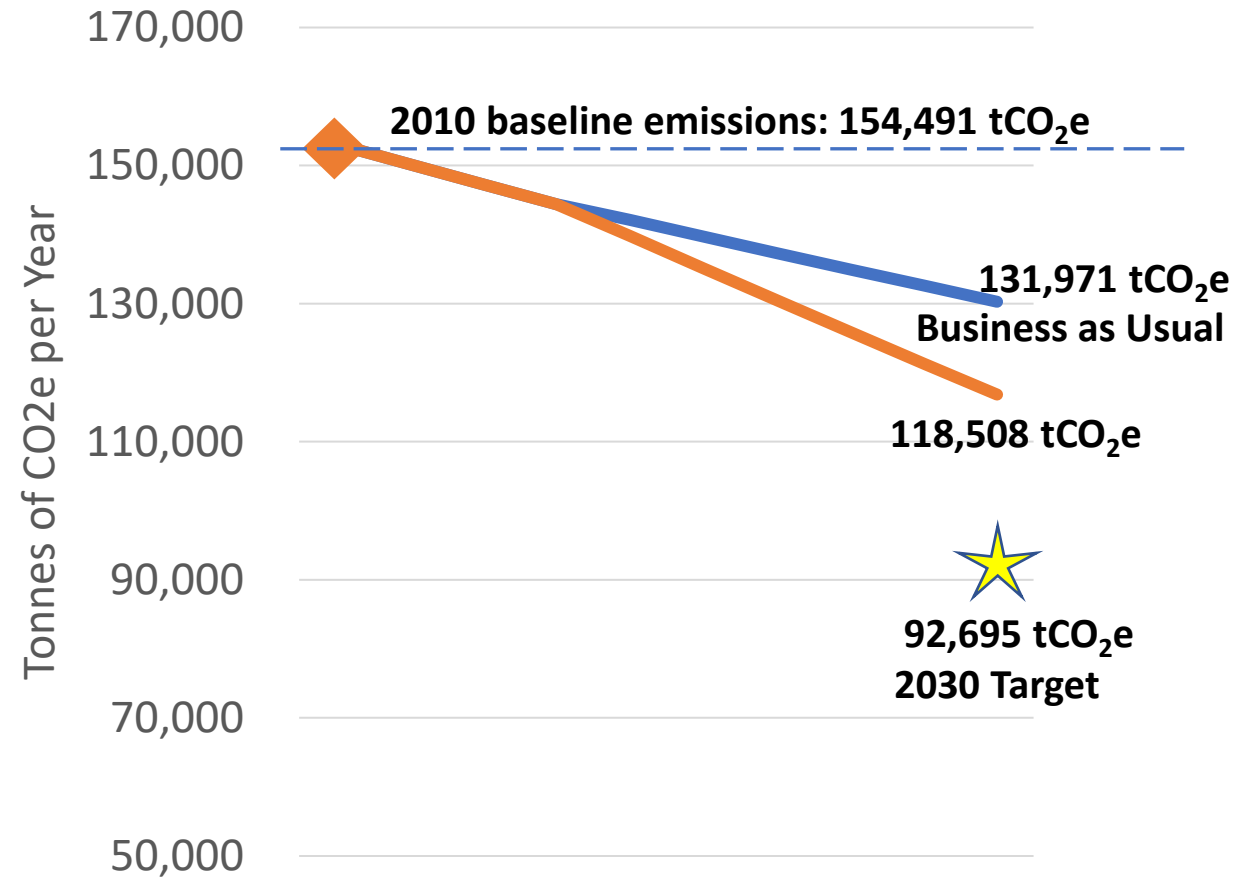
- Mandatory Clean Fleet Plan
- ZEV First Acquisition
- Guidance
- Funding
- Other?



ZEV FIRST & SCHOOL BUS TARGET IN 2025

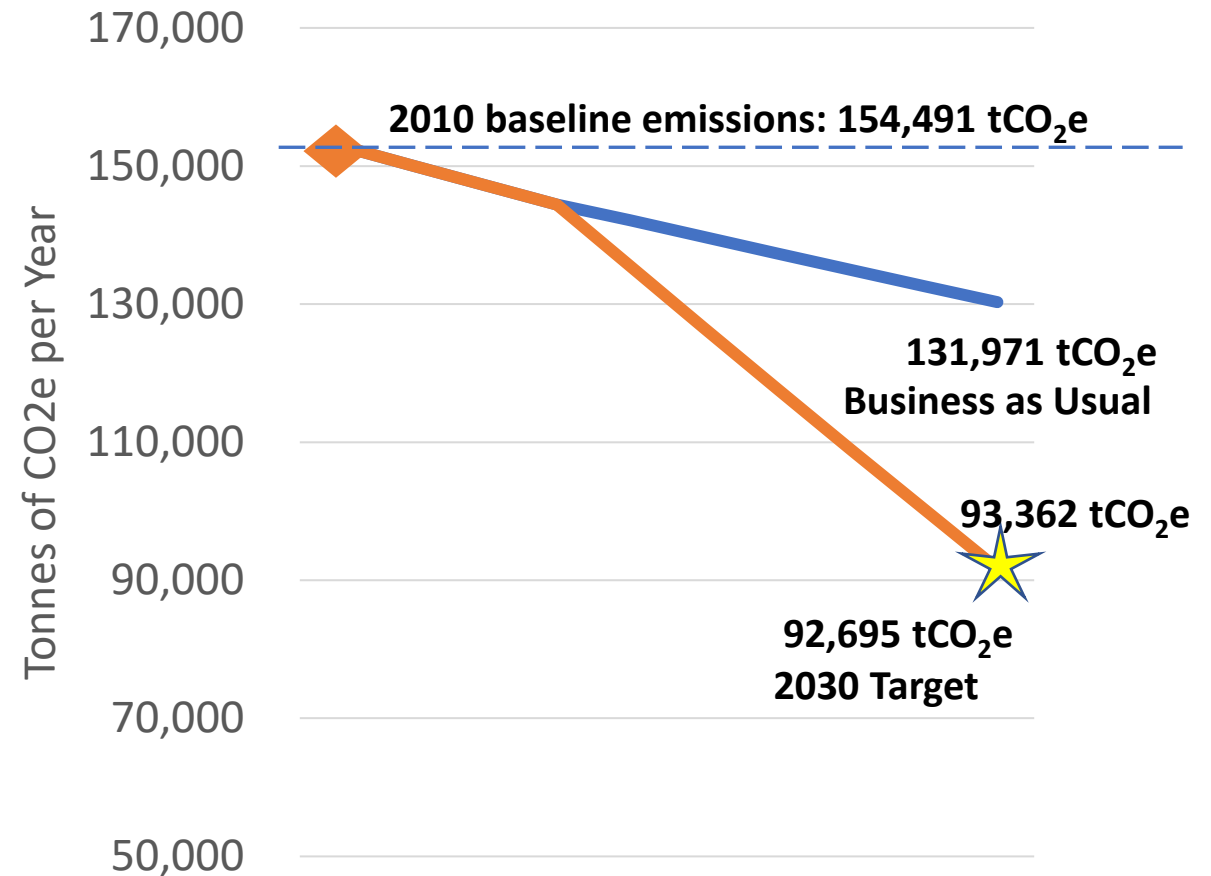


- All light duty vehicles and trucks
- 40% school bus purchases
- 23% lower than 2010
- 7% improvement over business as usual
- Uncertainty around heavy duty trucks



ZEV FIRST & NO ICE BUSES IN 2025

- All light duty vehicles and trucks
- All new buses ZEVs or hybrids
- 40% lower than 2010
- Meets target
- Uncertainty around heavy duty trucks



PROGRESS TO COMMITMENTS



CleanBC

40% emission reduction by 2030



Business as usual
projections show 15%
reduction by 2030



Roadmap to 2030

All light duty vehicle purchases are
ZEVs by 2027



Reported purchase intentions
show only 15% ZEVs by 2027



Under2 Pledge

Light duty vehicle inventory all ZEVs
by 2035 and medium & heavy duty
by 2040



Less than 50% of inventory will
be ZEVs by target dates