

LEGISLATIVE RETURN



SUBMITTED BY: Hon. John Streicker, Minister of Energy, Mines and Resources

1. On April 5th, 2023, Lane Tredger, Member for Whitehorse Centre
 - asked the following question during the Oral Question Period at page(s) 3460-3461 of *Hansard*
 - submitted the following written question – WQ No. #
 - gave notice of the following motion for the production of papers – MPP No. #

RE: Greenhouse gas emissions

OR

2. This legislative return relates to a matter outstanding from discussion with [MLA] on [date] related to:
 - Bill No. # Second Reading Third Reading
 - Committee of the Whole: [Vote]
 - Motion No. # RE: [subject]
 - at page(s) [page numbers] of *Hansard*.

The response is as follows:

In the 2021 Confidence and Supply Agreement and the 2022 *Clean Energy Act*, the Government of Yukon committed to a target of reducing greenhouse gas emissions by 45 per cent by 2030, below 2010 levels. A Yukon Climate Leadership Council (YCLC) was established to provide advice on how best to reach the target.

On September 28, 2022, the YCLC released its report, *Climate Shot 2030: Recommendations on how to reduce Yukon's greenhouse gas emissions by 45 per cent by 2030 (Climate Shot 2030)*. The report includes approximately 61 recommendations that add to, or augment, actions committed to in *Our Clean Future (OCF)*.

The Government of Yukon completed an analysis of all the YCLC recommendations in December 2022. Initial findings were shared and reviewed with the Yukon Climate Leadership Council. Additional research and analysis will occur over the next six months, with the intent to add or revise actions contained within OCF based on the recommendations.

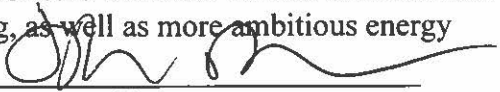
Initial findings:

Of the 61 YCLC recommendations, 22 are categorized as “enabling elements” and 39 focus on emissions reductions. Enabling elements are viewed as prerequisites for the successful implementation of emissions reductions recommendations. All recommendations were analyzed for feasibility and for their anticipated impact on supporting emissions reductions in the future.

Regarding the 22 ‘enabling elements’ recommendations, their intent is aligned with existing actions in OCF. Several recommendations have potential for medium to high impact. Due to their complexity, some recommendations require further analysis to determine effective paths to implementation. These include: (1) continued education and capacity building for governments, communities, and the labour force; (2) strengthened partnerships with First Nations, communities, and Yukon University; and, (3) incorporating emissions reductions into fiscal policy planning and decisions.

Regarding the 39 ‘emissions reductions’ recommendations, those that have the highest potential impact focus on legislative requirements for zero-emission vehicle sales and the use of renewable fuels in transportation and heating, as well as more ambitious energy

19-April-2023
Date


Signature

LEGISLATIVE RETURN

efficiency targets for Government of Yukon buildings. Work is currently underway on these initiatives. EMR will adjust current research on renewables fuels and zero-emissions vehicle policies to address the higher level of ambition proposed by YCLC, and HPW is advancing work on Government of Yukon buildings. However, all will require time and resources to implement given the technical complexity, and in some cases, the need for regulatory change.

Regarding projected emissions reductions, analysis from Navius Research found that YCLC's recommended policies, combined with existing OCF commitments, could reduce emissions 30% below 2010 levels, moving the needle closer to the Yukon's 2030 target but still leaving a gap to achieving the 45% reduction target. More specifically, Navius' projection is that YCLC recommendations could lead to 83 kt in emissions reductions.

While current policies and OCF actions stabilize and reduce non-mining emissions, these emissions are at 20% below 2010 levels in 2030, leaving a gap of 159 kt in reductions to meet the 45% target. Implementing the YCLC recommendations in addition to the policies in OCF may achieve a 30% reduction below 2010 levels but will still leave a gap of 76 kt to reaching the 45% target by 2030.

The Government of Yukon's is looking at implementing 14 of the YCLC recommendations in the near term as they align closely with OCF actions. The Government of Yukon continues to complete additional research on the remaining recommendations to understand how best they can be implemented. The Government of Yukon will be reporting on YCLC, Youth Panel, and other recommendations in the OCF Fall 2023 report.

19-April, 2023

Date



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