



February 1, 2023

Net-Zero Advisory Body

Via email: gcpc-nzab@ec.gc.ca

Re: Industrial Gas Users Association and the Net-Zero Advisory Body

Dear NZAB Members,

Congratulations on releasing your first annual report. The first purpose of this letter is to introduce you to the Industrial Gas Users Association (IGUA). IGUA represents the largest industrial natural gas consumers from the chemicals, steel, forest products, mining and manufacturing sectors in Ontario and Quebec. IGUA members are committed to environmental stewardship and take pride in having lower emissions intensity than many of their competitors.

In a net-zero future the economy will continue to need bulk materials, and Canada can have a competitive advantage as an exporter of net-zero commodities. IGUA members have publicly committed to decarbonization, and are committed to Canada's greenhouse gas emissions targets, while ensuring that Canada's industries are globally competitive throughout the transformation of how our energy system works.

The second purpose of this letter is to provide brief comments on your annual report, focussing on sections two and three: Net-Zero Industrial Policy and Net-Zero Energy Systems. We are encouraged that NZAB does not see industrial policy as a top-down exercise, but a process for strategic collaboration between industry and government. Helping to develop, deploy, and reduce the cost of new technologies is critical for meeting our decarbonization goals, including through direct funding and government procurement.

There are general technologies that many industries could use, technologies specific to each industry, and multiple potential fuels, such as hydrogen and renewable natural gas, that can be a part of a competitive path to net-zero. Advice numbers 11 to 18 from section two of your report provide a good foundation for discussing strategic collaboration, as well as number 19 from section three regarding energy systems.

This brings us to the third purpose of this letter: engagement. IGUA has been pursuing research relevant to NZAB for a number of years, an example of which is attached (Phase II of the Canadian Heavy Industry Deep Decarbonization Project). We would like to meet with NZAB to discuss, in more detail, where we can help NZAB figure out Net-Zero Industrial Policy and Net-Zero Energy Systems, and how our members can help Canada achieve net-zero emissions.

Do not hesitate to contact me if you require clarification or additional information. For any questions, or to discuss this input, please contact me.



Regards,

A handwritten signature in black ink, appearing to read "S. Rahbar".

Shahrzad Rahbar, PhD
President, Industrial Gas Users Association