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Important Concerns Regarding AI Data Centres, and AI Projects

I am inquiring based off of Canada's Climate Change report from naturalresources.canada.ca.

Based on the Climate Change Report (Natural Resource Canada), which shows the risks of CO2 absorption and expansion in our waters, I am raising a concern regarding the proposed gas data centres.
I have also done research on IJC's 2025 reports regarding this concern:
"Regarding withdrawals, diversions and consumptive uses in the next 10 years, several
602 interviewees believe there is a risk for the growth of large-scale diversions outside the basin by 603 data centres which are both energy and water-intensive, and that the proposed demand for data 604 centres not only includes artificial intelligence (AI) and machine learning, but also crypto currency mining"
My concern is due to the travelling nature of CO2 and other chemicles. While I recognize the value of digital sovereignty, and national security, I am concerned about the redundancy of building new, gas-powered data centres to create them, along with the travelling nature of CO2 and other chemicles. I have also noticed a conflict of interest with the public and the AI project in an environmental context as well.
I feel that if we are able to make this project sustainable, such as being able to refine solar power or wind power to create this project, we will gain sovereignity, and national security as a sustainable nation.

I would also like to note, that according to Section 4 of the Water Treaty, it states the following:

"4(1). Any interference with or diversion from their natural channel of any waters in Canada, which in their natural channels would flow across the boundary between Canada and the United States or into boundary waters, as defined in the treaty, resulting in any injury on the United States side of the boundary, gives the same rights and entitles the injured par- ties to the same legal remedies as if the injury took place in that part of Canada where the interference or diversion occurs."

My concern from the proposed gas data centres in Canada, is the CO2 releases cumulative effect as we were already impacted by a solar attack recently, along with a yellow pollution warning in the GTA regions in early March, while resolved, it is a concern as we have a weak Ozone layer, and with NASA's recent MAVEN research which showed us that sputtering on Mars was actually occuring 4x faster than previously thought. Mars sputtering occured due to a weak magnetic field, hence the Aurora Universalis occured. In Mars,the Aurora Universalis is a sign of the solar wind attacking the planet. In Canada, we know that the magnetic field in Northern Canada has been weakening significantly, and the Aurora Borealis frequently occurs in places like Northern Canada. NASA's research showed us that in Mars the main cause of sputtering was CO2. Chemical releases such as CO2, NOx, and PFAS (some of the chemicles that data centres release according to several websites such as the RESET.org, news.cornell.edu, and lincolnist.edu) is a concern because of their travelling nature. I feel that the atmosphere should be considered part of a nation's territory under the precautionary principle, and Air Quality Treaty, due to NASA's research on Mars' destruction.

While Earth as a whole still has a magnetic field, so it may take millions or billions of years to take on a

sputtering effect, I am still cocerned regarding the cumulation and potential complications given the strains that the magnetic field is facing. My suggestion for this would potentially to measure the Aurora Borealis zones to see if we can find the Atmospheric Life Expectancy of Earth, so we can monitor them and help mitigate pollution from occuring under the Air Quality Treaty, and Trail Smelter Arbitriation Law.

I am also concerned is if AI is necessary to implement, there are many articles about generation z disliking, or feeling anxiety about AI, Generation X and generation baby boomers also seem to dislike it. I feel that should be something else added within the Water Treaty, that if it affects the mental health of people, along with the great lakes, then it could be considered for a breach of the Water Treaties agreement which acknowledges "the vital importance of the Great Lakes to the social and economic well-being of both countries, the close connection between quality of the Waters of the Great Lakes and the environment and human health, as well as the need to address the risks to human health posed by environmental degradation."

If possible, I would suggest collaborating with Vatican City regarding the solar energy and wind energy as they are in the process of switching to it, because based on research it appears they are switching to 100% renewable energy sources such as solar energy.

I have contacted IJC regarding if there was a reference, regarding any of the AI infrastructures for Canada's project, however I have recieved an email stating there was none which is concerning due to the Water Treaty.

I have connected these dots through geographical, space, chemistry, and treaties, and international laws which are publically available through science websites or government websites to provide information for the public interest. I feel that many should be looking at these different topics together to formulate one conclusion that reaches the answer we require.