

With regards to the next budget for Canadians...

Dear Sir and Madam,

The following are my thoughts on some key topics for the next budget.

Energy:

Canada is rich in natural resources. Canadians are missing out on billions of dollars in revenue because we are not receiving fair market value for our resource. West Canadian Select (or Canadian Heavy) is only receiving \$38/bbl while the global price is \$68/bbl (as of Aug 3, 2018).

Companies, Governments and Canadians are missing out on billions of dollars they need to reinvest in further exploration and development and in Royalty payments for governments to reinvest in improving health care, education, infrastructure and reducing taxes.

This nation needs to have a pipeline going to each coast with a refinery at each end point to process the Canadian crude. Only then will we start to receive a fair global price for our precious resource.

Additional research money is also required for converting the thousands of old drill wells in Canada to geothermal source wells. The naturally warm to hot formation water in these wells could be used to heat greenhouses, community pools, etc.

I also recommend a study be started with regards to the development of new nuclear power reactors. This clean source of energy built away from coastlines and active seismic centers can help power our large cities for many decades into the future.

Science:

Canada was once a leader in the aerospace industry. It has been shown through past studies that for every dollar invested into the American space program has paid dividends through spinoff technologies (e.g. medicine, industry and in our homes) that make our lives better and more productive.

<https://www.forbes.com/sites/gregautry/2017/07/09/americas-investment-in-space-pays-dividends/#319fa438639b>

Canada should consider starting up its own space port by reactivating the Churchill, Manitoba launching facilities. The Black Brant rocket built in Winnipeg (with some modifications) could be

used to launch cubesats into polar orbits from Churchill. If additional funding is provided, an even larger rocket could be built and used to launch multiple cubesats from Canadian soil and reducing our dependence on foreign assets. This would greatly increase our capability for our scientists and military. Polar orbits can cover the entire planet and provide environmental monitoring of our large country to enhance security coverage of our borders (both land and sea).

The Canadian Space Agency is doing an excellent job and if funding is increased, I look forward to Canadian rovers and spacecraft exploring the moon, asteroids and Mars for their resources. That is what we are good at. We should be building robotic landers that can drill a sample from another world and either perform in-situ analysis or be able to return the samples back to earth for analysis.

I also am excited to see more astronauts going into space and preparing for future missions back to the moon, asteroids, Mars and beyond.

Summary:

There is so much potential in our beautiful country that we could have the best health care, education system, science program and tax structure in the world. We first need a good source of income and by building pipelines to each coast as soon as possible should be a national priority.

We need a federal budget that recognizes this potential and pass the bills required to complete these projects. Soon after the pipelines are completed, we will start to receive billions more in federal revenue that can be reinvested in social programs and infrastructure projects without going further into debt.

Thank you very much for your time and please look at what is best for this nation. Your government must look beyond the special interest groups and regional differences and do what is best for this great country.

Sincerely,

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