

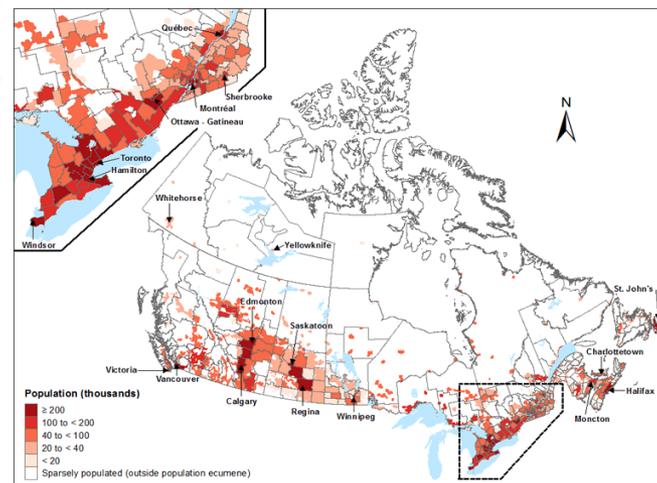
Game-Changing Infrastructure

1. Roads
2. Rail
3. Telephone
4. Electricity
5. Sewer
6. Water distribution
7. Broadband Internet

1. Enable Economic Activity
2. Enable Innovation
3. Every one of these still sees innovations that grow their impact
4. Infrastructure can be combined to multiply new impacts.
5. If someone else builds it and you don't, you're out.

Canada's Geography Problem

1. Second largest country on earth
2. Just under 38 million people clustered along the southern border by design and by necessity.
3. Resource production and extraction economy
4. Strategic necessity to deploy critical infrastructure to develop nation, but no incentive for private enterprise to extend networks to rural and remote.
5. The history has been that the public sector intervenes.
(Rail, Telephone, pipelines e.g.)



Source: Statistics Canada, Demography Division

Truth Bomb Time



1. We are falling behind competitor nations
2. Private industry will not get this done for us if left to their own devices
3. The benefits are worth public investment

A Cost Benefit Analysis of Alberta Rural Broadband

The Problem

Municipalities and private companies have been trying to make complex decisions regarding critical investments in Broadband without relevant economic data on the impacts of Broadband to guide and justify their decisions.

Our Solution

In consultation with industry and academic experts, our partnership designed and built a world-class research project to measure the benefit-cost ratio for Broadband deployments in Alberta. We studied the entire province for maximum effect.

The Results

Our intentionally conservative estimates revealed a minimum return on investment of 3 to 1 for the first case study, with the implication that all actual investments with have a **much higher** return on investment.

Case Study 1: Rebuild the Supernet and extend it to every community, with fiber to the home

20-year Ratio: **2.97 to 1**

Case Study 2: Extend existing Supernet to every community, with fiber to the home

20-year Ratio: **3.27 to 1**

