

BACKGROUND

Genome BC is a catalyst for the life sciences cluster on Canada’s West Coast, and manages a cumulative portfolio of over \$1B* in over 360* research projects and science and technology platforms.

The research projects and science and technology platforms in which Genome BC invests are focused on areas of strategic importance, including human health, forestry, fisheries and aquaculture, energy, mining, agriculture and the environment.

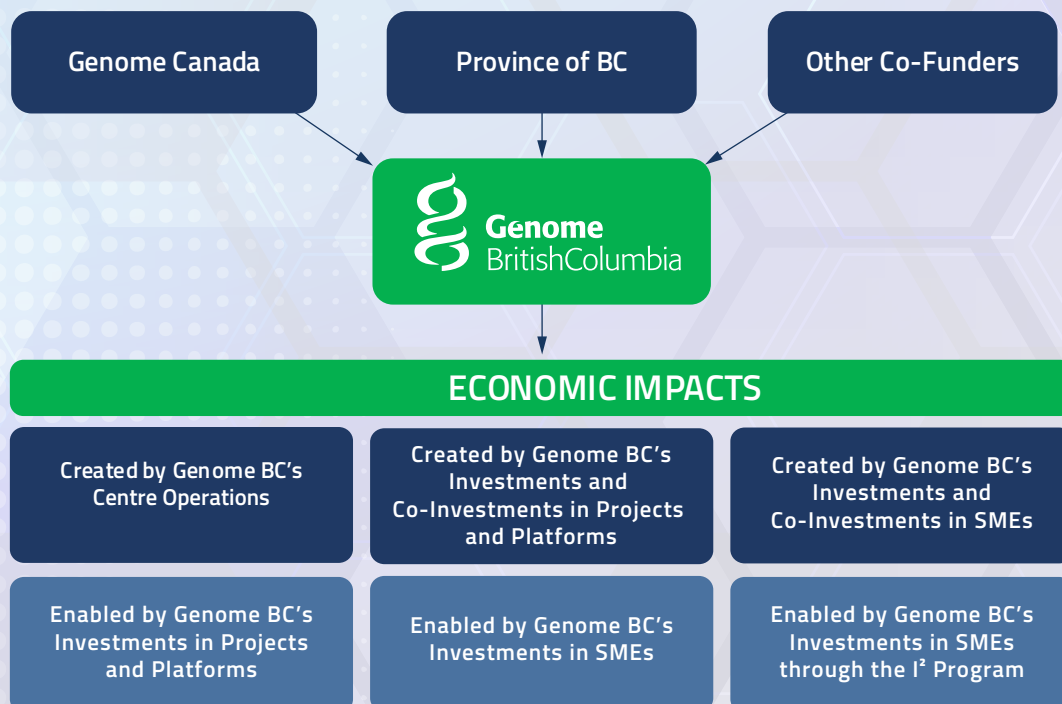
These investments have helped to deliver economic and social benefits to BC, Canada and regions around the world. Genome BC provides a link between end-users, researchers and funders and thus, ensures genomic efforts are tailored to address issues of economic and social concern.

ECONOMIC IMPACT ANALYSIS

Genome BC’s investments in projects and associated platforms, as well as its centre operations, create economic activity within BC which in turn generates GDP, employment, and tax revenues for all levels of government. In addition, economic impacts are enabled through the spending of additional funds leveraged from other sources as a result of Genome BC’s initial investment in projects and associated platforms.

These expenditures create economic impacts at the direct, indirect and induced levels. Direct impacts arise from the initial spending on operating and project related activities while indirect and induced impacts arise from linkages that exist with suppliers and service providers, as well as through the ripple effects of their spending within the economy.

CATEGORIES OF ECONOMIC IMPACTS



SUMMARY OF GENOME BC'S ECONOMIC IMPACTS IN BC FROM 2000-2020

The table below summarizes the total estimated economic impacts arising from Genome BC throughout Strategic Plans I, II, III and IV covering the period 2000-2020[†].

	Total Output (Millions)	Total GDP (Millions)	Total Employment (FTEs)	Total Government Taxes (Millions)
Economic Impacts of Genome BC in Plans I, II, and III				
Created by Centre Operations	\$116.7	\$102.2	1,136	\$19.6
Created by Investments and Co-Investments in Projects and Platforms	\$848.2	\$742.6	10,883	\$140.8
Enabled by Investments and Co-Investments in Projects and Platforms	\$720.6	\$633.4	9,454	\$120.0
Total Plans I, II and III	\$1,685.5	\$1,478.2	21,473	\$280.4
Economic Impacts of Genome BC in Plan IV				
Created by Centre Operations	\$48.3	\$36.9	349	\$7.7
Created by Investments and Co-Investments in Projects and Platforms	\$330.7	\$258.8	2,527	\$52.0
Created by Investments and Co-Investments in SMEs	\$20.5	\$14.5	146	\$2.9
Enabled by Investments and Co-Investments in Projects and Platforms	\$412.2	\$322.6	3,150	\$64.7
Enabled by Investments and Co-Investments in SMEs	\$609.7	\$431.3	4,348	\$88.7
Enabled by Investments and Co-Investments in SMEs through the I ² Program	\$54.2	\$37.2	386	\$8.2
Total Plan IV	\$1,475.6	\$1,101.3	10,906	\$224.2
Grand Total all Plans	\$3,161.1	\$2,579.5	32,379	\$504.6

[†]Please note that MNP's previous study on Genome BC's economic impacts, carried out in 2014, relied on forecasted expenditures for Plan III that Genome BC planned to incur between 2014 and 2015. Genome BC's actual expenditures were determined to be \$22,027,537 higher than what was forecasted. As a result, MNP has adjusted the economic impacts arising from Plan III to reflect additional expenditures. Plan IV includes forecasted investments that Genome BC plans to make between 2018 and 2020.