



Building Excellence Research & Education Grants

Funded Projects 2020

University of Alberta

\$30,000

Assess and quantify the effectiveness of building shielding as an effective way to protect occupants from particle pollution from wildfire. Design effective ventilation systems to help protect residential health.

Homebuilders Association Vancouver

\$30,000

Produce consumer educational materials to drive awareness of benefits and lifestyle enhancements found in high-performance residential homes.

University of Windsor

\$30,000

Develop guidelines for base isolation of small residential structures to encourage widespread adoption of the technology and improve seismic resilience in B.C.

Buy Social Canada

\$27,500

Analyze the real and perceived additional costs of integrating social-value procurement in a complex construction project. The future of housing construction could create extensive community impact.

Camosun College**\$24,900**

Develop a course on Retrofitting Buildings for Energy Efficiency in line with the CleanBC initiative.

Vancouver Island Construction Association**\$30,000**

Create online courses that will fulfill formal CPD requirements for Licensed Residential Builders in the Core Competency area of Construction Management & Supervision. This project will also investigate and pursue development of these courses in a format that will meet Qualification-level training requirements.

Empower Me**\$29,880**

Deliver workshops aimed at equipping South Asian contractors with information on how to save energy and manage energy costs of homes.

Light House Sustainable Building Centre**\$8,000**

Develop an online calculator to measure the GHG impact of a buyer's or renter's home selection. The tool will include a green checklist to compare choices.

University of Victoria**\$30,000**

Identify the technical, economic and environmental challenges of simultaneous energy and seismic upgrade of existing buildings. Develop standard protocols to address these through case studies.

Morrison Hershfield**\$26,000**

Perform an analysis of a scale mock-up utilizing thermal performance, moisture ingress, and air leakage testing to test condensation and bulk water risks in a mass timber facade panel and envelope assembly.