



Building Excellence Research & Education Grants

Funded Projects 2021

BC Institute of Technology (BCIT)

\$30,000

Identify and address skills and knowledge gaps in BCIT’s Carpentry curriculum with respect to net zero energy.

Ledcor Construction Ltd

\$30,000

Conduct research and industry education on the feasibility of using prefabricated balcony systems to improve construction.

Ausenco Engineering Canada Inc.

\$30,000

Determine the incremental cost to design and construct a multi-unit residential building (MURB) to a higher post-earthquake performance level.

Kinetica Risk

\$30,000

Provide planning guidance for the development of sustainable and seismically resilient tall residential buildings on Canada’s west coast, with consideration for functionality in the aftermath of an earthquake.

Condominium Homeowners Association of BC (CHOA BC)

\$15,000

Identify anticipated load capacity for different types of structures, including decks, balconies and parking platforms, as well as the implications of different plant materials and impacts as plants mature, and the consequences of containers on structures that result in excessive weight and damage to buildings.

University of Windsor

\$30,000

Develop resources to help industry practitioners efficiently plan, design, construct and maintain MURBs through a Building Information Modeling (BIM) model.

Canadian Home Builders' Association (CHBA)

\$30,000

Provide an alternative compliance path for more mid-density homes to be successfully labelled as Net Zero Ready, especially where sufficient on-site renewable energy generation is not feasible.

Naikoon Contracting Ltd.

\$30,000

Evaluate Virtual Design & Construction (VDC) adoption for residential builders, including economic profitability and consumer benefits, and collaboratively create a replicable model and process.

Homebuilders Association Vancouver (HAVAN)

\$30,000

A series of videos that will educate home buyers and current homeowners on the science behind their home.

Canadian Home Builders' Association Vancouver Island (CHBAVI)

\$30,000

Conduct research and industry education on three topic areas: Building Design with a Pandemic in Mind, Lessons learned living through a Pandemic, and Aging in Place.

SAFERhome Standards Society

\$30,000

In partnership between Kwantlen First Nation and the SAFERhome Standards Society, showcase and share the results of their CMHC demonstration project.