



Funded Projects - 2015

Association of Professional Engineers and Geoscientists of BC

\$ 15,000

Produce guidelines on the application of energy modelling to residential buildings constructed for the requirements of ASHRAE 90.1 and the National Building Code under the BC Building Code and the Vancouver Building By-law.

BC Construction Association

\$ 35,250

Develop a strategy and an action plan to increase the understanding of innovation as it relates to the BC construction industry.

BC Ready Mixed Concrete Association

\$ 20,000

Determine if insulated concrete form (ICF) assemblies are effective at controlling air and water infiltration on a full scale basis.

British Columbia Institute of Technology

\$ 27,500

Perform analysis to assist in the design and construction of energy efficient and durable homes by identifying the heat and moisture transfer in ventilated attics.

Funded Projects - 2015

Building Officials Association of BC

\$ 40,000

Develop and deliver a series of seminars and online training modules to teach the BC Building

FPIinnovations

\$ 29,000

Conduct a study to identify remedial treatment solutions for mould issues in ventilated attics in BC's coastal climate.

Concordia University

\$ 30,475

Investigate the dynamic effect of thermal bridges on the energy performance of residential buildings within BC climate conditions.

INTRON Consulting Engineers

\$ 31,450

Produce a presentation and technical report on passive fire protection in multi-family residential buildings aimed at reducing deficiencies and improving public safety.

Condominium Home Owners Association

\$ 40,000

Develop a bulletin on maintenance and renewals processes for parking garages and landscaping overburdens.

Kwantlen Polytechnic University

\$ 40,000

Create a how-to-guide on low voltage wiring and installation for residential construction based on industry standards and best practices.

Fenestration Association of BC

\$ 25,000

Develop a guide and calculation tool for the thermal modelling of spandrel panels to assess performance.

LDR Engineering Group

\$ 37,200

Investigate the hygrothermal behaviour of exterior wood-frame walls in heritage buildings after insulation has been installed.

Funded Projects - 2015

Metro Vancouver

\$ 40,000

Create an interactive website to increase consumer awareness of the Home Energy Labelling Pilot Project.

Morrison Hershfield Limited

\$ 31,480

Conduct a controlled testing program to address questions related to the performance of inverted roof assemblies for homes in cold climates.

Morrison Hershfield Ltd.

\$ 40,000

Conduct research to quantify the impact of localized airflow on the performance of glazing systems.

Open Green Building Society

\$ 40,000

Create a post occupancy evaluation framework for multi-unit residential buildings to improve their performance.

RDH Building Engineering Limited

\$ 40,000

Conduct research into better understanding the nature and causes of moisture buildup within in-slab ventilation ducts in residential multi-unit buildings.

Read Jones Christoffersen Ltd.

\$ 37,060

Develop framing systems to increase the thermal performance of balconies in low-rise wood-frame residential construction.

Ryerson University

\$ 20,000

Conduct research to evaluate the economic and environmental benefits of latent heat thermal energy building materials and systems.

Southern Interior Construction Association

\$ 40,000

Develop a residential construction management program including planning and control tools.

Funded Projects - 2015

University of Calgary

\$ 40,000

Conduct research to enhance the energy performance of multi-story residential buildings in BC through innovative design of the building envelope.

University of Toronto

\$ 40,000

Produce a design guide and a buyers' guide for high performance multi-unit buildings emphasizing resilience, comfort, and energy performance.

Urban Development Institute:

\$ 35,000

Create a tool (high density housing calculator) to guide decisions on what type of housing should be built from a broader energy and resources perspective.

Vancouver Island Construction Association

\$ 20,000

Develop a course in management, supervision, and scheduling for residential builders.