

Royal Roads University (Westshore Campus)

Langford, British Columbia, Canada

Project Overview

Royal Roads University and its partners are constructing a new campus to provide education and a skilled workforce to students in the Westshore.

The \$98-million facility will greatly increase access to post-secondary education in one of Canada's fastest-growing communities, serving approximately 1,300 full-time students by the time it reaches capacity in 2035-36.

Architect hcma designed a mass-timber construction campus and selected CarbonCure to reduce the carbon footprint of its concrete foundations. Butler Concrete, one of the top low-carbon concrete providers on Vancouver Island, provided over 2,174 cubic metres of CO_2 injected concrete for the project. To date, Butler Concrete has enabled the savings of more than 4,700 tonnes of CO_2 .

'Just as this campus represents a bright future for students, the building itself represents the standards we need to uphold to create that future. Beginning with a foundation that has these environmental standards built in also conveys the partners' shared values of innovation, climate risk adaptation and sustainability."

- Philip Steenkamp, Royal Roads University President







Quick Facts

Concrete Supplier:

Butler Concrete and Aggregate

Construction Manager: Durwest Construction Management

Architect: hcma

CO, Savings Enabled:

2,174.2 cubic metres of low carbon concrete representing a 31% reduction in embodied carbon.



Fun Fact:

The five-storey mass timber building will include flexible learning spaces and classrooms, student supports, a multipurpose classroom, and space for Indigenous gatherings.

