

4.2 Home-school mobility

Mobility Management at campuses – the case of Camosun College (Victoria-British Columbia, Canada)

14 per cent reduction in vehicle use for home-work or college trips

Mobility Management has led to a steady decrease in vehicle use among Camosun College staff and students.

Campus: Camosun College

City: Victoria, British Columbia

Country: Canada

Implementation body: Camosun College

Level of implementation: site specific

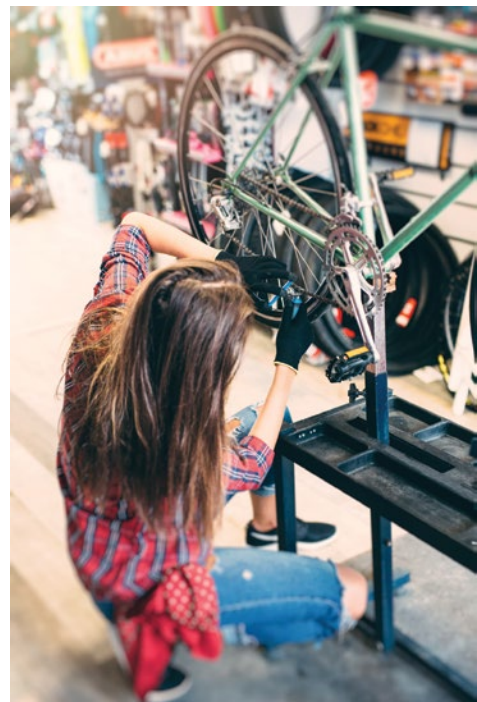
Topic: home-work and home-school

Target group(s):

- staff
- students
- visitors

Stakeholders involved:

- Camosun College
 - Director of Ancillary Services
 - Manager of Environmental Sustainability
 - Transportation and Parking Management Advisory Committee
 - Human resources
 - Unions
- TPM Advisory Committee
- CRD Regional Transportation Planning;
- Local and provincial governments
- Neighbourhood associations
- BC Transit



INTRODUCTION

Camosun College has around 1,200 staff and approximately 10,000 full time students who are distributed between two campuses, Lansdowne and Interurban (Camosun College, 2013).

Transportation and parking challenges led to the development of Camosun's College "Transportation and Parking Management Plan" in 2009, which provided an insight of the transport situation and issues at the time and set out clear objectives and recommendations. Since then the College, is regularly preparing and implementing three year working plans that include mobility management measures aimed at achieving these objectives.

OBJECTIVES

Camosun's College overarching goal is to provide "convenient, environmentally responsible and affordable access to the College's campuses". In order to achieve this, its "Parking & Transportation Demand Management Plan" identifies the following objectives (Camosun College, 2013):

- Reduce parking demand and the total number of motor vehicles – especially single occupancy vehicles – driven to campus.
- Increase use of alternative transportation modes to the college.
- Provide funding for parking maintenance, alternative transportation, and other college programmes.
- Accommodate additional campus development, minimize impervious surfaces and preserve green space.
- Support regional and provincial goals towards transportation demand management and reduction of greenhouse gas emissions (help achieve the British Columbia greenhouse gas emission reduction targets).

MEASURES IMPLEMENTED

The measures implemented since 2009 have led to an improvement in, and a greater variety of, the transport options available for reaching the campuses and, thus, the improvement of the campuses' overall accessibility. More specifically, the campuses can be easily reached on foot, by bike, public transport, car and carpooling, and there is also a free shuttle service connecting the two campuses. This good practice is focusing on the measures implemented to increase cycling trips and reduce parking demand and the number of vehicles, especially single occupancy vehicles, driven to campuses.

Actions implemented to facilitate and promote cycling:

- Bike fix-it stations (one at each campus):
 - They offer cyclists the ability to make basic repairs and maintenance of their bicycles. They are equipped with a basic repair stand, durable air pump, basic tools and a hanger arm that allows for suspending bikes so the wheels and pedals can spin freely while making adjustments
 - Extra assistance is available through a database of repairs that offers detailed instructions on fixing bikes, this is made available on smartphones by scanning a Quick Read (QR) code on the front of each fix-it stand.
- Showers and changing rooms:
 - Students and staff have free access to change rooms, showers and day use lockers. There is also a towel service, available for a small monthly fee.
- Lockers:
 - Lockers are also available for rent for those that need a secure space to keep their belongings, and they are positioned at convenient locations throughout the campus.
- Bicycle parking: there are three options for parking bicycles:
 - Outdoor racks: free of charge bicycle racks located throughout the campuses
 - Secured parking that is available for a fee of Canadian \$5.50/month
 - A limited number of individual bicycle lockers available for rent on a monthly or six-month basis.
- Cycling maps and routes are readily available to download on the College's website.
- Events: promotion of cycling within the campuses through dedicated cycling events such as Bike to Work (and School) Week (May/June) or the Nasty November Cycling Challenge.

Actions aimed at reducing parking demand and the number of vehicles, especially single occupancy vehicles, driven to the campus:

- Carpooling: dedicated parking spaces reserved for carpoolers until 9 a.m.
- Car sharing: partnership with car sharing operator Zipcar to bring self-service, on-demand car sharing to the campuses.
- Parking: elimination of free parking at the campuses and collaboration with Honk Mobile to offer a pay-by-phone parking app in order to facilitate payment of the fees.

- Park & Ride program: free parking is available for students at Tillicum Mall in Victoria from there the College campuses can be reached by public transport, bike, or carpooling.
- Communication and promotional events, e.g. National Ride-Share Week and Car Free Day celebration (2012).

In addition, the College is developing a teleworking policy and programme in order to increase its use and uptake by staff.

RESULTS

Some of the results obtained since 2009 include (Camuson College Website, 2019):

- Decrease in single occupancy vehicles from 5.4 per cent in 2010 to 3.8 per cent in 2012.
- Decrease in vehicle use from 63 per cent in 2008 to 56 per cent in 2010 to 49 per cent in 2013.
- Successful discussions with local authorities leading to better transit services, improved access to the campus and new bicycle lane infrastructure.

