



INFORMATION REPORT

TO: Chair and Members Public Works Committee	WARD(S) AFFECTED: WARD 1
COMMITTEE DATE: March 5, 2012	
SUBJECT/REPORT NO: CarShare On-Street Parking Location Pilot Program (PW12016) - (Ward 1) (Outstanding Business List Item)	
SUBMITTED BY: Gerry Davis, CMA General Manager Public Works Department	PREPARED BY: Peter Topalovic (905)546-2424, Extension 5129
SIGNATURE:	

Council Direction:

At the April 13, 2011 Council Meeting, the following motion (item 9.2) was tabled and approved by Council:

Whereas, one of Hamilton's Transportation Demand Management tools is the Hamilton CarShare organization; and

Whereas, there has been a request for a CarShare vehicle to be placed on-street at Dundurn Street South, just south of Aberdeen Avenue, beside the new condominium being constructed at 427 Aberdeen Avenue; and

Whereas, Hamilton currently hosts CarShare vehicles in several City parking lots, but does not have an on-street location; and

Whereas, the Public Works department would need to work with the City's Parking department and CarShare Hamilton on the details around on-street CarShare location; and

Whereas, the City of Toronto supports CarShare vehicles on-street.

Therefore be it resolved that staff meet with CarShare Hamilton to develop an on-street pilot CarShare project, including the location at 427 Aberdeen Avenue and report back to Committee with the results.

Information:

The purpose of this Information Report is to respond to the Council direction outlined above, regarding the establishment of a 2-year on-street CarShare parking location pilot program at the parking lay-over at 427 Aberdeen Avenue (Appendix "A" contains a map of this location). Staff investigated various requirements necessary for a successful

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on-street CarShare parking location in terms of parking by-laws, site plan for the 427 Aberdeen Avenue development, operations and maintenance and the participation of the developer and Hamilton CarShare.

BACKGROUND

The catalyst for this motion came from an interest in carsharing at 427 Aberdeen Avenue, a residential condominium project at the corner of Aberdeen Avenue and Dundurn Street. This area is well served by pedestrian, cycling and transit connections. During the site plan development process, a parking lay-over was designed on the West side of the Dundurn Street building frontage to accommodate parking for one vehicle. The intent of this lay-over was to accommodate a CarShare vehicle, if the pilot program is approved; otherwise, it would be used as a regular on-street parking spot. Currently there is no existing on-street parking spot adjacent to the proposed development at 427 Aberdeen Street; therefore, the proposed lay-over parking spot is in addition to the existing street parking available on Dundurn Street. If a CarShare vehicle is placed in the lay-over location, it will be available to all residents who wish to become CarShare members, as will other similar spots located in various areas of the City.

The proposed pilot program is important to the City's sustainable transportation plans as outlined in the City's Transportation Master Plan (2007), as it helps establish carsharing as an additional transportation option. CarSharing complements and promotes the use of walking, cycling and transit, while reducing the number of vehicles on City streets. There are numerous North American studies that consistently support the benefits of carsharing:

- Twenty nine percent (29%) of carsharing participants sold a vehicle after joining a carsharing program
- Sixty one percent (61%) of members delayed or had forgone a vehicle purchase
- Members reduced their Vehicle Miles Traveled (VMT) by forty three percent (43%)
- CarShare users generate ninety percent (90%) less carbon output than a private vehicle owner
- Each CarShare vehicle reduces the number of cars in the community by six (6) to twenty (20) vehicles
- CarShare members are more likely to rely on walking, cycling and transit as their primary mode of transportation

Several cities in North America, including: Toronto, Vancouver, Washington DC, Portland, Philadelphia and Seattle, among others, have CarShare organizations operating in their municipality, and provide on-street parking areas exclusively for use by CarShare vehicles. The number of on-street spaces provided, ranges from about twenty (20) in Toronto and Seattle, to over eighty (80) in Washington DC.

There are currently no on-street CarShare parking locations in Hamilton. However, there are four (4) off-street parking locations located at various parking lots in the lower City: King and Bay Street, King Street near Locke Street, First Unitarian Church and McMaster University - (<http://communitycarshare.ca/hamilton/find-cars/>).

IMPACTS TO CITY DEPARTMENTS

Parking and By-law

This initiative requires establishment of a new CarShare parking regulation which would allow a specific CarShare vehicle to be parked in the designated parking space for more than twenty four (24) hours. This would be done in the form of a parking permit or signed parking space, depending on the legislative requirements to be determined by the City Solicitor. The City Solicitor has preliminarily confirmed that it is possible to create this by-law amendment when the pilot program has Council approval. This will be done in a separate report by the Hamilton Municipal Parking System before the pilot program commences.

If the pilot is successful, on-street CarShare parking could be expanded and used as a way to alleviate on-street parking shortages in neighborhoods with limited on street parking opportunities. A CarShare vehicle available on-street would allow residents to reduce the number of cars in their household, and therefore require less on-street parking.

Operations and Maintenance

The parking lay-over location for 427 Aberdeen Avenue does not impact waste removal services nor does it impact snow removal activities. However, in the future, if the pilot is successful, other on-street locations for CarShare vehicles could present an issue for street cleaning and will have to be resolved on a case-per-case basis. Similar issues arise with snow removal on emergency snow routes; it is not recommended that CarShare vehicles be placed on-street, if the street is designated as an emergency snow route. In terms of the 427 Aberdeen Avenue pilot location, Hamilton CarShare will be responsible for seasonal maintenance of the reserved parking spot, including the removal of snow during a storm event.

Financial Impacts

There are no financial impacts, as currently none of the on-street parking on Dundurn Street, in the area of the development, are revenue parking locations. The signage indicating that the CarShare parking location is reserved exclusively for a specific CarShare vehicle will be produced installed and maintained by the Hamilton Municipal Parking System, as they would for any by-law enforced parking location that requires signage.

ELEMENTS FOR A SUCCESSFUL ON-STREET PARKING PROGRAM

1. Hamilton CarShare be responsible for winter maintenance of the CarShare on-street parking locations and ensure that they do not interfere with waste collection activities.
2. Hamilton CarShare and the Developer at 427 Aberdeen Avenue enter into an agreement to have a Hamilton CarShare vehicle stationed at the designated location.

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3. The proposed pilot on-street parking program be two (2) years long so it matches the existing Hamilton CarShare's, "CarShare @ Home" program duration (see "Appendix "B" - CarShare @ Home program information").
4. A specific on-street CarShare parking regulation be amended in the Parking by-law (by-law 01-218), which allows a specific CarShare vehicle to be parked in the designated location without restriction for the pilot period. This will be done in a separate report by the Hamilton Municipal Parking System before the pilot program commences.
5. The on-street CarShare parking spot be signed so that it indicates that only a specific CarShare vehicle may be parked there or a parking permit be developed to indicate that the CarShare vehicle may park in the specific location.
6. On-street CarShare vehicles should be made available to all residents in the City who wish to become members of the Hamilton CarShare Cooperative.

IMPACTS TO DEVELOPERS AND HAMILTON CARSHARE

The developer of 427 Aberdeen Avenue and Hamilton CarShare are encouraged to work together to establish a "CarShare @ Home" program for the development. This program is outlined in Appendix "B" and requires the developer to enter into a two (2) year agreement with Hamilton CarShare and guarantee the use of the CarShare vehicle. Furthermore, the agreements between the developer and Hamilton CarShare do not preclude all area residents from using the CarShare; it must be made publically available. After the two year pilot, if successful and approved, the car would remain in the parking lay-over location for use by the community.

GUIDING PRINCIPLES

Given the numerous competing curb lane demands in various areas of the City, the impact of identifying CarShare vehicle parking areas on other road activity, including deliveries, public transit operations, taxicab stands, and general on-street parking will be considered. In doing this, the following suggested guidelines may assist in future planning and implementation, if the pilot is successful:

- No existing revenue-generating on-street parking spaces are eliminated
- Carshare vehicles can park at each location on a 24/7 basis
- The location of the parking area will not have adverse impacts on safe and efficient traffic or transit operation
- The parking area should be located near one (1) or more HSR routes
- Bicycle rings/racks should be located near to the parking area to safely secure bicycles
- The parking location cannot be stationed on any emergency snow routes

RELEVANT CONSULTATION AND POLICIES

Various City departments were consulted in drafting this report including: the Hamilton Municipal Parking Service, Legal Services, Traffic Engineering, Operations and Waste Management and Development Planning.

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The City of Hamilton has policies and plans in place that support Transportation Demand Management (TDM) initiatives including, the concept of CarSharing programs to reduce vehicles on City roads. These plans include:

Hamilton Plans/Policies/Visions

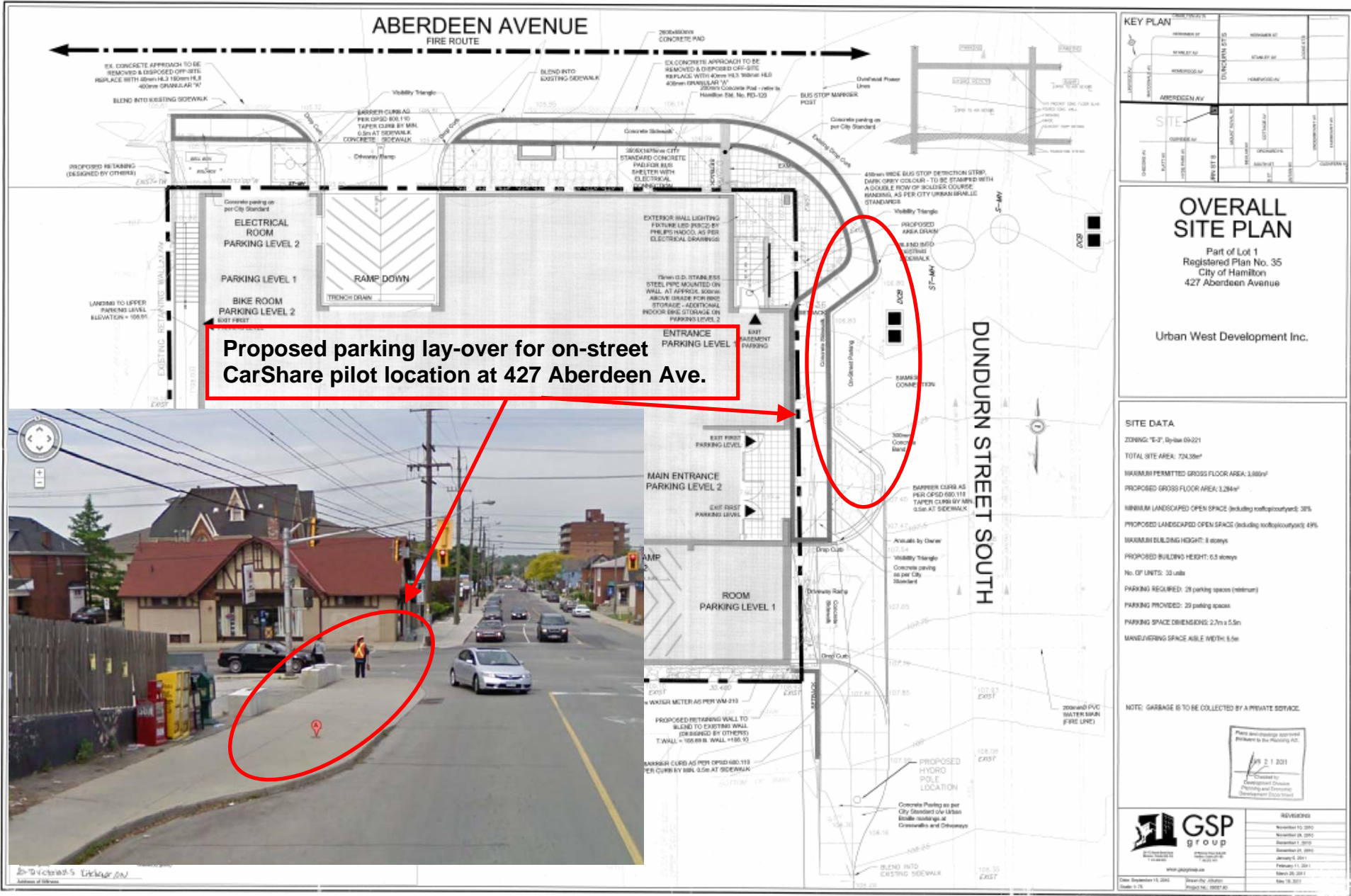
- Corporate Strategic Plan
- Public Works Business Plan
- City of Hamilton Official Plan
- Transportation Master Plan (TMP)
 - Supports a community-based, not-for-profit organization, providing an alternative form of transportation that compliments cycling, walking and transit to make the best use of the transportation infrastructure
- GRIDS
- Vision 2020
- Air Quality and Climate Change Strategic Plan
- Corporate Energy Policy
- Financial Sustainability
 - Effective and sustainable Growth Management
- Social Development
 - Residents in need will have access to adequate support services
 - People participate in all aspects of community life without barriers or stigma
- Environmental Stewardship
 - Aspiring to the highest environmental standards
- Healthy Community
- Plan and manage the built environment
- An engaged citizenry
- Increased alternative transportation usage in areas such as transit, ridership, walking and cycling
- Skilled, Innovative & Respectful Organization
- A culture of excellence
- An enabling work environment - respectful culture, well-being and safety, effective communication
- Council and SMT are recognized for their leadership and integrity
- Growing Our Economy
- A skilled and creative labour pool that supports new employers

Provincial Policies

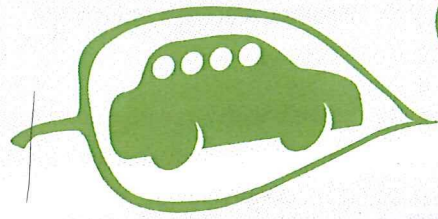
- Regional Transportation Plan - BIG MOVE
- MoveOntario 2020 and Places to Grow

APPENDIX "A"
REPORT PW12016

Map of 427 Aberdeen Avenue Lay-over Parking



Appendix B
Report PW12016



**Community
CarShare**

CARSHARE @ HOME

**CARSHARING AT MULTI-UNIT
RESIDENTIAL PROPERTIES**

www.CommunityCarShare.ca
519-578-1895 | 905-543-4411
a non-profit co-operative

THE DETAILS (CONTINUED)

Additional drivers can be added at any time to a CarShare membership at the resident's expense, for an additional \$100 fully-refundable membership loan, plus the refundable key deposit and application fee charges.

Residents and prospective residents will receive a notification and description of the CarShare agreement from the CarShare @ Home purchaser⁴, and will be directly invited to participate in the CarShare @ Home program. Community CarShare will provide marketing materials to facilitate membership recruitment.

The CarShare @ Home purchaser will also provide Community CarShare with a revenue guarantee for the CarShare vehicle located at the CarShare @ Home property. In each month during the two-year discount period, should the CarShare vehicle earn less than \$1,000 in usage revenue, the difference will be reimbursed to Community CarShare by the CarShare @ Home purchaser.

1. Harmonized Sales Tax applies to all prices. There is no continuing role for the discount purchaser in the administration or billing of resulting household memberships. Further charges and responsibilities may apply.
2. The discount period ends two years after the official move-in day for new developments, or from the date the agreement with the discount purchaser becomes active.
3. More information about the Classic Plan and our alternative Simple Plan is available online at: www.communitycarshare.ca
4. The "CarShare @ Home purchaser" refers to the condo board, housing co-operative board, property developer, owner, management, or other party (or parties) purchasing this discount package and executing related agreements. The discount purchaser and/or the controllers of the parking facilities at the property, will also be "Parking Location Providers", and so will complete such related Agreements. At least one (1) parking space will be reserved for CarShare use at no charge, with an option to expand to further spaces as member demand in the area increases. Contact Community CarShare staff for full details.



**Community
CarShare**

www.CommunityCarShare.ca
info@CommunityCarShare.ca
519-578-1895 | 905-543-4411

Your fleet is waiting:

- Self-serve stations 24/7
- Located at home, work and play in Waterloo Region and Hamilton
- Variety of vehicles to fit your needs
- Clean, economical and ready to go



hshare a non-profit co-operative

THE DETAILS

The purpose of CarShare @ Home is twofold. It will assist condo boards, developers, housing co-ops and property managers in:

- 1) Providing an amenity for their residents that will reduce parking demand, expenses, pollution, and inconvenience.
- 2) Marketing their properties to hundreds of CarShare members and thousands of website visitors.

For an initial cost (the greater of \$5,000 or \$100 per unit) Community CarShare will provide a vehicle to be stationed on-site in a designated parking space.¹ In addition to this Community CarShare will discount by 97% the cost of the fully-refundable membership loan for one resident of each unit for a period of two years (\$400 membership loan reduced to \$10).

Residents who wish to become a member of Community CarShare will also pay a \$10 refundable key deposit and a \$30 application fee. At the end of the two-year discount period,² or in the event that a resident moves to a new residence, the remainder of the fully-refundable membership loan (\$390) will be payable at their expense if they wish to maintain their Classic Plan³ membership.

Your Costs

The CarShare @ Home Purchaser:

Start Up:	\$100/unit OR \$5,000 whichever is greater
During the two-year resident discount period:	Revenue Guarantee of \$1,000 per month For each CarShare vehicle stationed at the property

Rates for your residents

During the two-year discount period

The cost to JOIN:

Application Fee:	\$30 Per Driver
Membership Loan: <i>Fully Refundable</i>	\$10 First Driver \$100 Each Additional Driver
Key Deposit:	\$10 Per Driver

All Deposits are **Fully Refundable**

The cost to DRIVE:

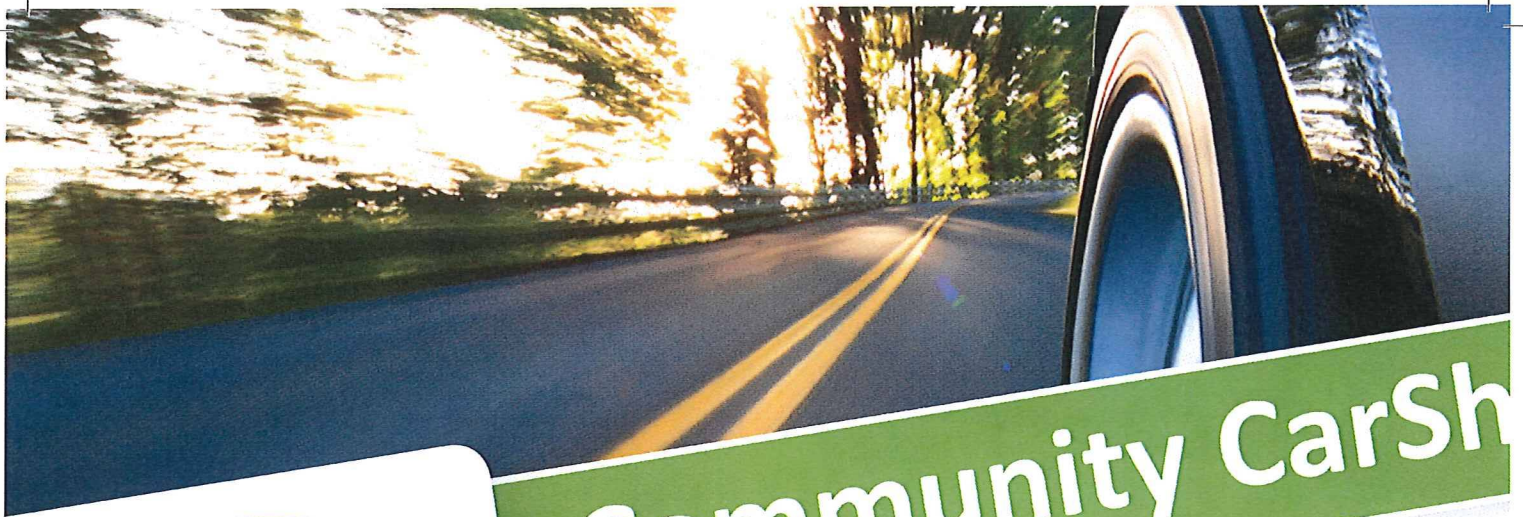
Per Hour Weekday:	\$4.00/hr + \$0.30/km
10 Hours Weekday:	\$35.00 + \$0.20/km
24 Hours Weekday:	\$45.00 + \$0.20/km
Per Hour Weekend:	\$4.50/hr + \$0.30/km
24 Hours Weekend:	\$50.00 + \$0.20/km
Overnight: 11pm-7am	\$1/hr
Insurance: Monthly	\$19

Gas is Included

Internet reservations are free.
Reservations via our 24-hour call centre cost \$1.

* Visit our website or call our office for complete rate and fee structure details, including any current promotional discounts, if available. Rates are subject to change. Surcharges may apply during periods of high gas prices or for use of premium vehicles. Prices do not include taxes.

www.CommunityCarShare.ca
info@CommunityCarShare.ca
519-578-1895 | 905-543-4411



Community CarShare



CarShare @ Home is an exciting new carsharing opportunity for condo boards, property managers, housing co-ops, and developers, offered by Community CarShare. Community CarShare is a non-profit co-operative which provides its members access to vehicles on a self-serve, pay-per-use basis. By purchasing a CarShare @ Home package for your multi-unit residential property, your residents can enjoy the use of a CarShare vehicle at their front door, giving them the wheels they need for any driving trips they need to make. With multiple other CarShare vehicles conveniently located around town, your residents are provided with an excellent amenity that can serve them not only at home, but also at work and play.

Carsharing is a convenient form of transportation for your residents, and bringing CarShare @ Home to your property will help residents make greener transportation choices for many of their trips, whether by bike, bus or on foot, because they know they will have access to a car if they need one. Residents who are downsizing their living space will enjoy being able to reduce the number of vehicles in their household, since with CarShare @ Home there will already be a car available to them at their new home.

With CarShare @ Home your residents can reserve cars by the hour, or even by the day. It costs about \$6 per hour to drive (including gas!), and day rates save members even more. Reservations can be made

online or over the phone, at any time of the day or night. Community CarShare offers members the best insurance rate available at \$19/month with full liability coverage.

Community CarShare was founded in 1998 and operated first in Kitchener-Waterloo, adding service to Cambridge in 2007. In Waterloo Region the co-op operates as Grand River CarShare. In 2009, the co-op began operating in Hamilton, as Hamilton CarShare. Community CarShare focuses on offering excellent member service, and the co-op has a dedicated team of staff who can serve your residents' needs as CarShare members.