



Hello Evolve

BCAA is excited to introduce Evolve E-Bike Share, the next step in mobility for the City of Nanaimo



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Low infrastructure E-Bike share for the City of Nanaimo

Fleet

New E-bike fleet & helmets with swappable batteries that is accessible to anyone, visitors and residents. Easy access via the Evo App 24/7.

Parking Approach

The system is designed to be free floating (parking anywhere within and designated area) and station based. in high conflict and congested areas. Evolve can create geo-fenced parking zones that are the only places trips can start or end. Evolve can also create slow and no ride zones to ensure bikes are only in approved areas. No need for charging station as batteries are swappable and can be charged at a nearby warehouse.

Sustainability Data & Ridership

Monthly data reports and behavioral insights will be provided to gauge demand and usage patterns.

Operational Excellence

Evolve highly trained staff and contractors handle all aspects of the e-bike program including charging batteries, relocation, and repair and maintenance.



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Made in BC

Our purpose

Empowering British Columbians to move forward.

- ▶ Evolve is operated by the [British Columbian Automobile Association \(BCAA\)](#) with 115 years of transportation services supporting over 1 million Members in B.C.
- ▶ 7 years of experience in shared mobility in British Columbia with consistent and sustainable growth with [Evo Car Share](#)
- ▶ Long-term community integration mind-set; BCAA's [not-for-profit Membership](#) has always been the core of our business
- ▶ [2021 Most Trusted Brand](#) in Canada according to Gustavson School of Business, University of Victoria

Our mission

Inspire every British Columbian to be a Member.

[Learn more about our commitment to our Members.](#)



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How does it work?



E-bike fleet stationed throughout the city and made available to anyone over 18 years old



All rides can only begin and end within a defined area of the city and at parking hubs in congested/high conflict areas to ensure safe use of public realm



Riders have 24/7 access to Evolve E-Bikes and our customer service team through our app and can be authorized to use the service automatically.



The app can lock the bike during a rental stopover anytime, anywhere – no need for a separate bike lock when stopping to grab a coffee.



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Evolve E-Bike Share

Evolve E-Bike Share is the next generation of Evo mobility designed to enable sustainable and active transportation through a reliable, easy to use, zero-emission shared electric bike program.



A fleet of electric pedal-assisted bikes (e-bikes) with helmets designed specifically for shared use in public.



Geofenced parking stations can utilize existing bike racks. Evolve's dual kickstand also allows it to park without bike racks.



24/7 local call centre to respond to all customer or staff inquiries. Dedicated shared mobility customer service team.



Combination of in-house and external vendors to support rebalancing, cleaning and charging.



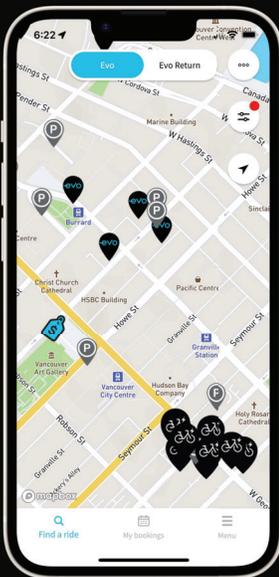
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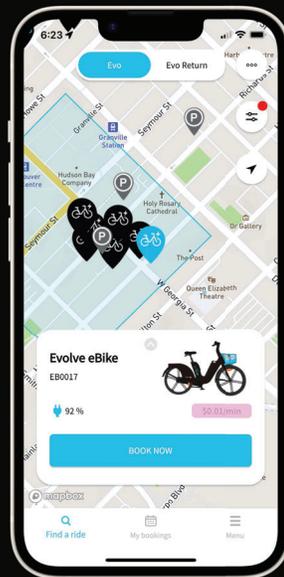
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Evolve & Evo all-in-one



Seamless experience with your Evolve profile and Evo account all in one app



Easily locate an Evolve E-Bike nearby. Reserve, unlock and stopover within the same Evo App



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Evolve E-Bike features

DIGITAL DISPLAY

Shows battery level and speed

SWAPPABLE BATTERY

Requires no charging infrastructure

IOT DEVICE

Provides GPS location, detects if bike is tipped over, and conducts safety checks on battery, motor and brake systems.

BELL
Ding, ding

CARGO BASKET
Holds up to 10kg

HYDROLIC ADJUSTABLE SEAT
Fits a range of sizes & abilities and provides a more comfortable ride.

AIRLESS TIRES
Never get a flat

AUTOMATIC HEADLIGHTS & TAILLIGHTS
Let the light guide your way

DRUM BRAKES
Reliable brakes in almost any weather with no exposed cables



DUAL KICKSTAND
No bike racks required

PEDAL ASSIST MOTOR
Easy to use, no gears or throttle



Confidential



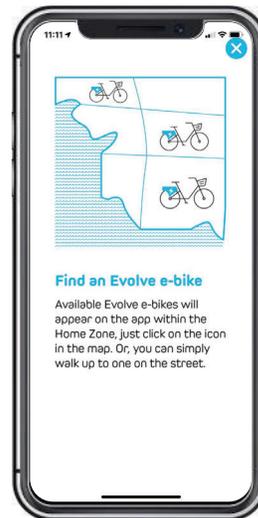
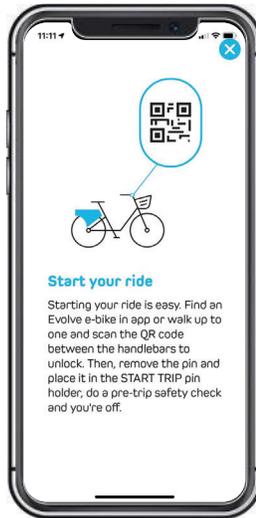
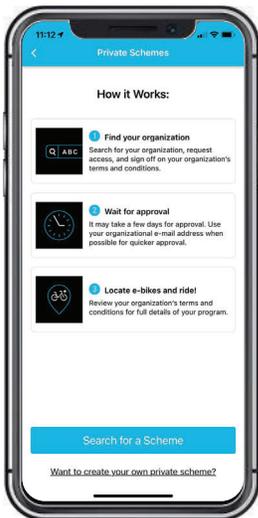
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The Evolve app

- ▶ REGISTRATION & INSTANT APPROVAL
- ▶ START, END & PAUSE TRIPS
- ▶ ACCESS TO YOUR TRIP HISTORY
- ▶ EDUCATIONAL ON-BOARDING
- ▶ INTEGRATED WITH EVO CAR SHARE



Faster, cleaner, electric-er

With just 5 e-bikes, you would be saving more than 325,000g of greenhouse gases every month*.



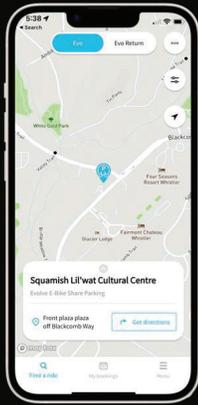
Source: CREDS

*Assumption of each e-bike travelled 10km per day, replacing petrol car trips.





Parking Management



To prevent issues and ensure safe use of the Evolve E-bike Share service. We propose the following;

- Trips will only begin and end in geofenced area. Ensuring bikes are organized.
- Central pedestrian only areas will be designated no ride zones
- Slow ride zones will be created in areas of high pedestrian traffic.



Examples of Parking Locations



Allocation of space with no bike rack, using geofence technology to ensure parking compliance



No bike rack with Evolve signage, providing instruction on how to use.



Sample of Evolve E-bike rack and sign.



Branded parking, indoors in parking facility





Parking Management



Example of parking in under utilized space. Bike rack and signage are optional. Evolve has the ability to provide signage and bike racks, if needed.



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THANK YOU

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