

App Name:

EVentful Vancouver

App Compatibility:

Developed for Windows OS 8.1

App Creators:

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What is EVentful Vancouver? An App designed to mobilize the City of Vancouver to a greener future by empowering existing electric vehicle (EV) users and promoting the growth of the community through increased access and ease of use.

Why? Climate change is upon us and technological development has gotten us into it, now let it help get us back out! We needed to stop burning fossil fuels, yesterday, but no one is willing to lower their standard of living to do it. Luckily driving personal vehicles is a huge part of what we as first world consumers can change!

The future is already here, electric vehicles are zipping about on the roads next to you whether you've noticed or not! Almost every major car company now has an electric vehicle or hybrid style model out in a competitive production line. Now why are you still paying for and burning fossil fuel you might ask yourself? Unfortunately the answer is simple; it's still easier and cheaper than electric.

That's where our App comes in; with an ever increasing ratio of electric vehicles on the roads, community sourced charging stations are the way of the future to build capacity and optimize use of electric vehicles. The idea is simple, with more electric vehicles on the roads there will be an equal number more home chargers. With our App users can locate, share, edit and even add places of interest nearby chargers to make others experience simpler, cheaper and greener. As more capacity is created for electric vehicle use its positive feedback will incentivize more drivers to switch to electric in a self-sustaining cycle.

Make the change, be a part of the solution, invest in your and your children's future, the community is growing and we'd love you to be involved!

Introduction Video:

<https://youtu.be/oCK93JsQKiw>

How to use this App:

Multiple widgets exist for use, including standard widgets and unique widgets.

1. Pan the map by clicking and dragging
2. Zoom in and out by clicking the +/- symbols in the bottom right corner of the page.
3. Interact with map elements by clicking on the map symbols to open their individual attribute information and associated links.
4. At the top of the window is "Esri World Geocoder" which lets the user enter addresses as text and it will locate it on the world map.
5. A "My Location" widget exists at the bottom right below the zoom in/out buttons. Click the button to identify your location on the map.
6. A "Home" widget also exists at the bottom right below the "My Location" button. Click the button to zoom to the default extent of the map window.
7. A "Report Feature" widget also exists at the bottom left corner of the page. Click the button to open a pop-up window that allows the user to either "Select" or "Draw" a new feature by selecting the layer to edit within and then placing the desired object on the map and adding attribute information.
8. A "About" widget also exists at the bottom right below the "Report Feature" button. Click the button to open a window that informs about the map creators and open data sources used.
9. To access the legend, click on the "Legend" widget located on the bottom bar far left. Scroll through the pop-up window to view the legend items.
10. The "Finder Tool" is the widget located second from the left on the bottom bar. Clicking it opens a window that allows the user to execute queries on a variety of layers including: Connection Types, Fast Chargers, Dog Parks, Community Centres and Libraries. Each layer has been set up with individual parameters to facilitate the users intractability with the data provided.
11. The "Near Me" widget is centred in the bottom bar. Clicking it opens a pop-up window that allows the user to locate an incident by delineating it with a point, line or polygon. Then by selecting a search buffer radius, which is displayed around it, the user can find all occurrences of the feature of interest (Chargers, Parks, Art, Rec Centres) within the selected buffer area.
12. Next there is a "Directions" widget located second from the right on the bottom bar. Click this button to open a pop-up window that allows the user to locate addressed and places by name as well as plot direction from one to the other. Additional options of "return to start" and "use traffic" also exist to enhance the users trip planning experience.
13. Lastly the "Add New EV Station" widget is furthest left on the bottom bar. Click this to open a window that allows the user to drop a charging station icon anywhere on the map and add any desired attribute information.